

**GOVERNMENT OF PUERTO RICO
PUBLIC SERVICE REGULATORY BOARD
PUERTO RICO ENERGY BUREAU**

NEPR
06/2

Received:

Mar 13, 2020

12:00 PM

IN RE:

**PUERTO RICO ELECTRIC POWER
AUTHORITY PERMANENT RATE**

CASE NO.:

NEPR-MI-2020-0001

SUBJECT:

Motion to Submit Reconciliations, Proposed
Factors and Public Lighting Report

**MOTION TO SUBMIT RECONCILIATIONS FOR THE MONTHS OF
DECEMBER 2019 TO FEBRUARY 2020, PROPOSED FACTORS
FOR THE QUARTER OF APRIL TO JUNE 2020
AND PUBLIC LIGHTING REPAIR REPORT**

TO THE PUERTO RICO ENERGY BUREAU:

COMES NOW the Puerto Rico Electric Power Authority through the undersigned legal representation and respectfully sets forth and pray:

1. On April 25, 2019, the Puerto Rico Energy Bureau of the Public Service Regulatory Board (the “Energy Bureau”) entered a *Resolution and Order* in which it established and ordered the processes to be carried out for the approval of the factors associated with the fuel adjustment, purchased power, fuel oil subsidy, CILT cost adjustment, human and non-human subsidies and the energy efficiency riders (the “April 25 Order”). The Energy Bureau determined that the factors associated with the fuel adjustment, purchased power, fuel oil subsidy were going to be reviewed and approved by the Energy Bureau on a quarterly basis.

2. In compliance with the April 25 Order, PREPA hereby submits the reconciliations for the months of December 2019 to February 2020, the proposed factors for the period of April to June 2020 and the public lighting repair report. *See Exhibit A, B and C, respectively.*

3. This filing is supplemented by an analysis of the impact that the January 2020 seismic events have had on the Puerto Rico Electric Power Authority. *See Exhibit D.*

WHEREFORE, PREPA respectfully requests the Energy Bureau to note the filing of the reconciliations and public lighting repair report, the presentation related to the seismic events and also, to approve the proposed factors for the quarter of April to June 2020.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this 13th day of March 2020.

/s Katuska Bolaños
Katuska Bolaños
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TSPR 18,888

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EXHIBIT A

Reconciliations for the months of December 2019 and January and February 2020

[The native form of this exhibit has been filed under seal.]

PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT
GRAND SUMMARY (RECONCILIATIONS OF COST VS. REVENUES)
December 2019 to February 2020

Fuel Adjustment Clause						Purchased Power Clause - DECEMBER 2019					
	Dec-19	Jan-20	Feb-20	QUARTER GRAND TOTAL		KWH	\$	C.E.R'S AND APX	INVOICE ADJUSTMENTS	LESS: AUTHORITY USE	COST FOR MONTH
BARRELS USED	1,558,950.29	1,708,203.37	1,664,077.35	4,931,231.01		277,020,567	\$ 27,328,997.53	-	\$ -	\$ (61,660.22)	\$ 27,267,337.31
NATURAL GAS BARRELS	678,804.13	133,881.43	-	812,685.56		319,717,361	26,977,910.01	-	-	(71,163.82)	26,906,746.19
COST OF BARRELS	\$ 110,894,560.21	\$ 150,969,037.36	\$ 151,933,668.17	\$ 413,797,265.75							
PRICE PER BARREL BEFORE AUTHORITY USE	\$ 71.13	\$ 88.38	\$ 91.30	\$ 83.91							
AUTHORITY USE COST	\$ (263,933.10)	\$ (292,776.90)	\$ (229,487.76)	\$ (786,197.76)							
SHIPPING COST (40 cents per barrel - not including natural gas)	\$ 352,058.46	\$ 629,728.78	\$ 665,630.94	\$ 1,647,418.18							
BARRELS USED FOR MONTH	1,558,950.29	1,708,203.37	1,664,077.35	4,931,231.01							
COST PER BARREL	\$ 71.19	\$ 88.58	\$ 91.56	\$ 84.09							
FUEL COST FOR MONTH	\$ 110,892,685.58	\$ 151,305,989.24	\$ 152,369,811.35	\$ 414,658,486.17							
PRIOR PERIOD ADJUSTMENTS	\$38,860,310.07	\$32,340,475.32	\$29,813,066.30	\$101,013,851.69							
FUEL COST TO BE RECOVERED	\$ 149,842,995.65	\$ 183,646,464.56	\$ 182,182,877.65	\$ 515,672,337.86							
BILLED SALES FOR FUEL	\$ 129,717,066.88	\$ 131,224,537.33	\$ 120,979,897.34	\$ 381,921,501.54							
OTHER ADJUSTMENTS (explain)	\$ -	\$ -	\$ -	\$ -							
AMOUNT TO BE RECOVERED OR (RETURNED): FUEL ADJUSTMENT CLAUSE	\$ 20,125,928.77	\$ 52,421,927.23	\$ 77,554,931.15	\$ 150,102,787.34							
BASE VERSION - DOES NOT INCLUDE COST DEFERRALS RELATED TO CHANGES IN THE COMPOSITION OF FUEL USED AFTER THE SEISMIC EVENTS OF JANUARY 6-7,2020											

Contribution in Lieu of Taxes (CLT)					Purchased Power Clause - JANUARY 2020											
	Dec-19	Jan-20	Feb-20	QUARTER GRAND TOTAL		KWH	\$	C.E.R'S AND APX	INVOICE ADJUSTMENTS	LESS: AUTHORITY USE	COST FOR MONTH					
CLT COST FOR MONTH	\$ 6,360,558.96	\$ 5,711,849.10	\$ 5,857,035.88	\$ 17,929,443.94	ELECTRÍCA	127,281,457	\$ 23,132,230.77	\$ -	\$ -	\$ (42,133.23)	\$ 23,090,097.54					
PRIOR PERIOD ADJUSTMENTS	\$ -	\$ -	\$ -	\$ -	RES	240,750,836	\$ 23,571,684.59	\$ -	\$ -	\$ (78,668.33)	\$ 23,493,016.26					
CLT COST TO BE RECOVERED	\$ 6,360,558.96	\$ 5,711,849.10	\$ 5,857,035.88	\$ 17,929,443.94	WINDMAR (CANTERA MARTIN)	282,311	\$49,686.69	\$9,870.00	\$ -	\$ (93.45)	\$9,463.24					
BILLED SALES FOR CLT	\$ 9,647,285.54	\$ 9,128,181.76	\$ 8,350,352.86	\$ 27,125,820.17	RES-LUMINA	2,702,017	\$465,365.55	\$84,570.00	\$ 23,928.07	\$ (884.43)	\$553,169.19					
OTHER ADJUSTMENTS (explain)	\$ -	\$ -	\$ -	\$ -	PATTER	5,144,727	\$714,594.32	\$ -	\$ -	\$ (7,794.36)	\$65,464.71					
(RETURNED): CLT	\$ (3,286,726.58)	\$ (3,416,332.66)	\$ (2,493,316.98)	\$ (9,196,376.23)	AES-LUMINA	-	\$0.00	\$0.00	\$ -	\$ -	\$ -					
					SAN FERMIN	2,157,621	\$349,534.60	\$75,110.00	\$ -	\$ (714.22)	\$423,930.38					
					HORIZON ENERGY	1,503,663	\$232,766.56	\$52,640.00	\$ -	\$ -	\$284,409.56					
					LANDRILL GAS TECH FARM	233,037	\$23,303.70	\$2.33	\$ -	\$ (77.14)	\$23,226.56					
					ORIANA ENERGY	5,119,313	\$813,970.81	\$153,570.00	\$ -	\$ (1,694.62)	\$665,846.19					
					COTO LAUREL SOLAR FARM	1,131,577	\$169,735.81	\$39,620.00	\$ -	\$ (374.58)	\$208,981.91					
					HUACHO SOLAR PROJECT	3,490,555	\$550,283.18	\$85,025.00	\$ -	\$ (3,125.05)	\$593,963.23					
					LANDRILL GAS TOA B&A	445,903	\$44,590.30	\$4.46	\$ -	\$ (147.60)	\$44,447.18					
					APX	-	\$ -	\$ -	\$ -	\$ -	\$ -					
						396,169,025	\$ 50,077,438.00	\$ 653,296.54	\$ 23,928.07	\$ (129,155.36)	\$ 50,625,507.25					
Subsidies (Help to Humans)					PURCHASED POWER COST TO BE RECOVERED							\$ 46,650,330.21				
SUBSIDY COST PER MONTH	\$ 13,873,894.70	\$ 15,880,208.54	\$ 14,897,247.65	\$ 44,651,350.89	PRIOR PERIOD ADJUSTMENTS							\$ (93,975,177.04)				
PRIOR PERIOD ADJUSTMENTS	\$ -	\$ -	\$ -	\$ -	PURCHASED POWER COST TO BE RECOVERED							\$ 46,650,330.21				
SUBSIDY COST TO BE RECOVERED	\$ 13,873,894.70	\$ 15,880,208.54	\$ 14,897,247.65	\$ 44,651,350.89	BILLED SALES FOR FUEL ADJUSTMENT CLAUSE							\$ 7,866,904.62				
BILLED SALES FOR SUBSIDY	\$ 16,689,507.33	\$ 15,638,886.90	\$ 14,304,896.88	\$ 46,633,291.12	OTHER ADJUSTMENTS (explain)							\$ -				
OTHER ADJUSTMENTS (explain)	\$ -	\$ 10,914,626.20	\$ -	\$ 10,914,626.26	AMOUNT TO BE RECOVERED OR (RETURNED): SUBSIDIES							\$ (2,795,612.63)				
Please see comments on calls					AMOUNT TO BE RECOVERED OR (RETURNED): PURCHASED POWER CLAUSE							\$ (21,216,574.63)				
AMOUNT TO BE RECOVERED OR (RETURNED): SUBSIDIES	\$ (2,795,612.63)	\$ 11,155,947.90	\$ 592,350.76	\$ 9,952,686.03												

Allocation of Prior Period Adjustments Using Forecast Sales - October to December 2019						Purchased Power Clause - FEBRUARY 2020					
Prior period adjustment amounts and projected sales volumes as provided by PREPA to PREB on June 19, 2019. Prior period adjustment amounts were confirmed and so ordered by the PREB on September 27, 2019.											
	October	November	December	Totals							
Estimated Retail Sales (kWh)	1,437,542,547	1,293,587,008	1,300,936,563	4,032,066,118							
FAC Adjustments & Allocation	\$121,689,325.54										
Prior Period Adjustments for March/April	\$ 43,374,901.59	\$ 39,001,338.09	\$ 39,253,095.86	\$ 121,629,335.54							
Post Hurricanes Adjustment	\$ (63,030.61)	\$ (89,566.12)	\$ (97,296.79)	\$ (249,893.52)							
Net FAC Prior Period Adjustments	\$42,940,870.99	\$38,640,771.32	\$38,960,310.07	\$120,441,952.37							
PPAC Adjustments & Allocation	\$ (2,717,693.29)										
Prior Period Adjustments for March/April	\$ (968,932.46)	\$ (871,903.54)	\$ (870,857.29)	\$ (2,717,693.29)							
Post Hurricanes Adjustment	\$ 5,799,504.01	\$ 5,218,741.56	\$ 5,248,392.00	\$ 16,266,637.56							
Net PPAC Prior Period Adjustments	\$4,830,571.55	\$4,346,838.02	\$4,371,534.72	\$13,548,944.29							
Allocation of Prior Period Adjustments Using Forecast Sales - January to March 2020											
Prior period adjustment amounts and projected sales volumes as provided by PREPA to PREB on June 19, 2019. Prior period adjustment amounts were confirmed and so ordered by the PREB on September 27, 2019.											
	January	February	March	Totals							
Estimated Retail Sales (kWh)	1,202,961,198	1,108,949,748	1,252,949,720	3,564,860,666							
FAC Adjustments & Allocation	\$96,814,233.10										
Prior Period Adjustments for March/April	\$ 32,703,679.86	\$ 30,147,886.40	\$ 34,062,666.85	\$ 96,914,233.10							
Post Hurricanes Adjustment	\$ (89,204.54)	\$ (334,820.09)	\$ (718,297.34)	\$ (1,078,221.96)							
Net FAC Prior Period Adjustments	\$32,340,475.32	\$29,813,066.30	\$33,684,369.51	\$95,837,912.12							
PPAC Adjustments & Allocation	\$ (2,616,163.89)										
Prior Period Adjustments for March/April	\$ (8,828,305.25)	\$ (8,138,372.96)	\$ (9,195,161.58)	\$ (26,161,839.79)							
Post Hurricanes Adjustment	\$ 4,853,128.21	\$ 4,473,856.11	\$ 5,054,797.81	\$ 14,381,782.12							
Net PPAC Prior Period Adjustments	\$ (3,975,177.04)	\$ (3,664,516.85)	\$ (4,140,363.77)	\$ (11,780,057.66)							
POST HURRICANE ADJUSTMENTS ALLOCATION FROM JULY 2019 TO MARCH 2020											
	Estimated sales	FUEL	PURCHASED POWER								
TOTAL ADJUSTMENTS PER PRIOR ORDER	\$ (3,572,427.00)	\$ (3,572,427.00)	\$ (3,572,427.00)								
Jul-19	1,407,874,203	(425,072.98)	5,679,812.47								
Aug-19	1,458,351,999	(440,313.51)	5,883,455.96								
Sep-19	1,368,968,339	(413,335.37)	5,522,974.86								
Oct-19	1,437,542,548	(434,030.61)	5,799,504.01								
Nov-19	1,293,587,008	(890,566.77)	5,218,741.56								
Dec-19	1,300,936,563	(892,785.79)	5,248,392.00								
Jan-20	1,202,961,198	(363,204.54)	4,853,128.21								
Feb-20	1,108,949,748	(334,820.09)	4,473,856.11								
Mar-20	1,252,949,720	(298,297.34)	5,054,797.81								
	11,832,151,326										

Purchased Power Clause - QUARTER GRAND TOTAL						Purchased Power Clause - FEBRUARY 2020					
	KWH	\$	C.E.R'S AND APX	INVOICE ADJUSTMENTS	LESS: AUTHORITY USE	COST FOR MONTH					
ECOELECTRICA	567,002,675	\$ 73,687,834.85	-	\$ (4,636,090.69)	\$ (136,978.77)	\$ 68,924,765.39					
AES	860,571,741	78,512,403.09	-	213,887.28	(21,845.56)	78,514,444.81					
WINDMAR (CANTERA MARTINO)	1,056,152	185,882.77	36,960.00	-	(259.00)	222,583.77					
AES-ILUMINA	8,647,506	1,489,981.26	302,645.00	23,928.07	(2,158.92)	1,814,407.41					
PATTERN	26,988,517	4,022,132.33	804,555.79	-	(6,748.44)	4,819,939.68					
PUNTA LIMA	-	-	-	-	-	-					
SAN FERMIN	7,773,382	1,256,155.13	270,655.00	-	(1,909.10)	1,523,901.03					
HORIZON ENERGY	5,152,043	797,536.18	180,320.00	-	(1,272.83)	978,563.35					
LANDRILL GAS TECH FAJARDO	1,016,154	101,615.35	10.16	-	(245.12)	101,380.39					
ORIANA ENERGY	17,520,348	2,774,000.96	525,600.00	-	(4,338.65)	3,295,264.32					
COTO LAUREL SOLAR FARM	3,650,142	547,521.26	127,750.00	-	(910.65)	674,280.61					
HUMACAO SOLAR PROJECT	12,288,523	1,843,278.48	307,225.00	-	(3,011.62)	2,147,491.86					
LANDRILL GAS TOA BAJA	1,999,238	199,923.84	19.99	-	(485.40)	199,458.43					
APX	-	-	-	-	-	-					
	1,536,276,420	\$165,427,275.50	\$ 2,555,740.94	\$ (4,988,275.34)	\$ (370,180.06)	\$162,914,581.04					
PURCHASED POWER COST FOR QUARTER						\$163,214,581.04					
TOTAL PRIOR PERIOD ADJUSTMENTS						\$ (3,286,159.17)					
PURCHASED POWER COST TO BE RECOVERED						\$159,946,421.87					
BILLED SALES FOR FUEL ADJUSTMENT CLAUSE						\$180,002,946.28					
OTHER ADJUSTMENTS (explain)						\$ -					
AMOUNT TO BE RECOVERED OR (RETURNED): PURCHASED POWER CLAUSE - QUARTER						\$ (29,056,524.41)					
ECO and AES Adjustments											
Per draft											
Final											
Diferencia											
ECOELECTRICA Dec 2019	*****	\$ 27,361,855.04	\$	\$ 32,857.51							
ECOELECTRICA Jan 2020	*****	\$ 18,463,282.57	\$	\$ (4,668,948.20)							
ECOELECTRICA Feb 2020	*****	\$ 23,236,605.55	\$	\$ -							
ECOELECTRICA Total	*****	\$ 69,061,743.16	\$	\$ (4,636,090.69)							
AES Dec 2019	*****	\$ 27,084,461.80	\$	\$ 106,551.79							
AES Jan 2020	*****	\$ 23,571,684.59	\$	\$ (30,254.50)							
AES Feb 2020	*****	\$ 27,962,898.49	\$	\$ 27,825,218.50							
AES Total	*****	\$ 78,619,114.98	\$	\$ 213,887.28							

Original	Corrected	Diferencia
Sep-19	*****	\$ 16,351,950.83

**PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT**

SUMMARY OF DATA FOR COMPUTATION OF SALES AND ADJUSTMENTS

DATA ENTRY <i>(enter on yellow cells only)</i>	Amount	Source of Information and other instructions
MONTH	Dec-19	
THERMAL GENERATION	929,283,300	Per Generation Reports
HYDROELECTRIC GENERATION	1,905,000	Per Generation Reports
PURCHASED POWER GENERATION	627,937,991	AES, Ecoeléctrica and renewables outputs
AUTHORITY USE - FUEL	\$ 263,933.10	From Sales per Rate Report (prepared by Planning)
AUTHORITY USE - PURCHASED POWER	\$ 139,768.66	From Sales per Rate Report (prepared by Planning)
TOTAL FUEL CONSUMPTION (in barrels)	1,558,950.29	Per Fuel Report - prepared by Budgeting Department
NATURAL GAS BARRELS	678,804.13	Per Fuel Report - prepared by Budgeting Department
FUEL CONSUMPTION (in dollars)	\$ 110,894,560.21	Per Fuel Report - prepared by Budgeting Department
ECOELÉCTRICA OUTPUT (in kWh-thousands)	277,020,557	Draft Invoice from Ecoeléctrica - Provided by Generation Department
ECOELÉCTRICA COST (in dollars)	\$ 27,328,997.53	
AES OUTPUT (in kWh-thousands)	319,717,361	Draft Invoice from AES - Provided by Planning Department
AES COST (in dollars)	\$ 26,977,910.01	
RENEWABLES OUTPUT (in kWh-thousands)	31,200,073	Draft Invoices from renewable companies - as provided by Planning Department
RENEWABLES COST	\$ 5,529,140.11	
CILT COST	\$ 6,360,558.96	Ventas por Tarifa Planificación
HELP TO HUMANS SUBSIDY COST	\$ 13,873,894.70	Ventas por Tarifa Planificación
NON HELP TO HUMANS SUBSIDY COST	\$ 1,331,512.34	Ventas por Tarifa Planificación
AMOUNT OF REVENUE REDUCTION SUBSIDIES	\$ (1,465,659.04)	Ventas por Tarifa Planificación

GROSS REVENUES BY SERVICE CLASS AND TYPE (PRIOR TO RECONCILIATION ADJUSTMENTS)										
	SERVICE CHARGE	FUEL	PURCHASED POWER	CILT	SUBSIDIES HTH	SUBSIDIES NHTH	PROVISIONAL RATE	TRUE UP	TOTAL	%
RESIDENTIAL	\$ 31,380,800.35	\$ 49,231,301.57	\$ 26,079,521.20	\$ 3,665,664.50	\$ 6,386,613.11	\$ 405,892.19	\$ (7,529.97)	\$ (3,974,628.61)	\$113,167,634.34	36.67%
COMMERCIAL	49,418,249.47	61,562,236.64	32,625,383.26	4,573,557.96	7,863,874.09	395,825.29	13,018.60	(4,909,838.52)	151,542,306.79	49.11%
INDUSTRIAL	9,029,521.94	16,057,817.65	8,502,548.26	1,194,227.04	2,053,025.34	147,416.39	716.96	(1,283,703.15)	35,701,570.43	11.57%
PUBLIC LIGHTNING	3,093,434.77	2,359,414.28	1,252,687.31	176,034.54	300,541.16	21,717.54	(144.35)	(193,591.20)	7,010,094.06	2.27%
OTHER PUBLIC AUTHORITIES	169,739.62	325,995.96	172,634.73	24,254.22	41,552.84	-	-	(26,011.53)	708,165.84	0.23%
AGRICULTURE	166,308.31	180,300.78	95,877.16	13,547.28	23,900.79	1,110.22	(35.02)	(15,216.51)	465,793.01	0.15%
TOTAL	\$ 93,258,054.46	\$ 129,717,066.88	\$ 68,728,651.92	\$ 9,647,285.54	\$ 16,669,507.33	\$ 971,961.63	\$ 6,026.22	\$ (10,402,989.52)	#####	

Instructions:

- (1) Fill yellow cells only.
- (2) Worksheet provides a summary of all values used in the computation of the reconciliation clauses.
- (3) Ecoeléctrica and AES cost and power production (cells c21 to C24), are inputed directly from the draft invoices submitted by the Generation Department.

**PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT**

SUMMARY OF DATA FOR COMPUTATION OF SALES AND ADJUSTMENTS

DATA ENTRY <i>(enter on yellow cells only)</i>	Amount	Source of Information and other instructions
MONTH	Jan-20	
THERMAL GENERATION	930,379,000	Per Generation Reports
HYDROELECTRIC GENERATION	3,962,000	
PURCHASED POWER GENERATION	390,169,026	AES, Ecoeléctrica and renewables outputs
AUTHORITY USE - FUEL	\$ 292,776.90	From Sales per Rate Report (prepared by Planning)
AUTHORITY USE - PURCHASED POWER	\$ 129,155.36	
TOTAL FUEL CONSUMPTION (in barrels)	1,708,203.37	Per Fuel Report - prepared by Budgeting Department
NATURAL GAS BARRELS	133,881.43	
FUEL CONSUMPTION (in dollars)	\$ 150,969,037.36	
ECOELÉCTRICA OUTPUT (in kWh-thousands)	127,281,457	Draft Invoice from Ecoeléctrica - Provided by Generation Department
ECOELÉCTRICA COST (in dollars)	\$ 23,132,230.77	
AES OUTPUT (in kWh-thousands)	240,762,836	Draft Invoice from AES - Provided by Planning Department
AES COST (in dollars)	\$ 23,571,684.59	
RENEWABLES OUTPUT (in kWh-thousands)	22,124,733	Draft Invoices from renewable companies - as provided by Planning Department
RENEWABLES COST	\$ 4,026,819.18	
CILT COST	\$ 5,711,849.10	From Sales per Rate Report (prepared by Planning)
HELP TO HUMANS SUBSIDY COST	\$ 15,880,208.54	
NON HELP TO HUMANS SUBSIDY COST	\$ 929,787.70	
AMOUNT OF REVENUE REDUCTION SUBSIDIES	\$ (1,274,318.95)	Ventas por Tarifa Planificación

GROSS REVENUES BY SERVICE CLASS AND TYPE (PRIOR TO RECONCILIATION ADJUSTMENTS)											
	SERVICE CHARGE	FUEL	PURCHASED POWER	CILT	SUBSIDIES HTH	SUBSIDIES NHTH	PROVISIONAL RATE	TRUE UP	TOTAL	%	
RESIDENTIAL	\$ 30,171,853.45	\$ 50,268,345.27	\$ 22,200,534.67	\$ 3,497,660.75	\$ 5,992,485.53	\$ 444,550.29	\$ 2,339.35	\$ (3,750,763.57)	\$108,827,005.74	35.66%	
COMMERCIAL	44,379,943.09	61,985,581.30	27,249,885.80	4,308,362.80	7,381,239.30	386,918.68	36,112.55	(4,677,609.82)	141,050,433.70	46.22%	
INDUSTRIAL	8,918,326.52	15,654,582.46	6,940,539.30	1,091,155.23	1,869,391.26	138,690.84	243.50	(1,170,211.96)	33,442,717.15	10.96%	
PUBLIC LIGHTNING	16,322,635.87	2,743,019.20	1,221,283.60	191,706.79	328,406.50	20,788.34	(489.46)	(205,660.68)	20,621,690.16	6.76%	
OTHER PUBLIC AUTHORITIES	168,664.65	360,748.98	159,140.51	25,099.74	43,001.40	3,190.29	-	(26,918.31)	732,927.26	0.24%	
AGRICULTURE	176,466.58	212,260.12	95,520.94	14,196.45	24,362.91	1,720.30	1,206.86	(15,167.00)	510,567.16	0.17%	
TOTAL	\$ 100,137,890.16	\$ 131,224,537.33	\$ 57,866,904.82	\$ 9,128,181.76	\$ 15,638,886.90	\$ 995,858.74	\$ 39,412.80	\$ (9,846,331.34)	#####		

Instructions:

- (1) Fill yellow cells only.
- (2) Worksheet provides a summary of all values used in the computation of the reconciliation clauses.
- (3) Ecoeléctrica and AES cost and power production (cells c21 to C24), are inputed directly from the draft invoices submitted by the Generation Department.
- (4) Adjustment clauses from two months prior are obtained from the *Reconciliation Clauses* tab, as prepared by the Economic Analysis Department c

Nov-19

**PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT**

SUMMARY OF DATA FOR COMPUTATION OF SALES AND ADJUSTMENTS

DATA ENTRY <i>(enter on yellow cells only)</i>	Amount	Source of Information and other instructions
MONTH	Jan-20	
THERMAL GENERATION	930,379,000	Per Generation Reports
HYDROELECTRIC GENERATION	3,962,000	
PURCHASED POWER GENERATION	390,169,026	AES, Ecoeléctrica and renewables outputs
AUTHORITY USE - FUEL	\$ 292,776.90	From Sales per Rate Report (prepared by Planning)
AUTHORITY USE - PURCHASED POWER	\$ 129,155.36	
TOTAL FUEL CONSUMPTION (in barrels)	1,708,203.37	
NATURAL GAS BARRELS	133,881.43	Per Fuel Report - prepared by Budgeting Department
FUEL CONSUMPTION (in dollars)	\$ 150,969,037.36	
ECOELÉCTRICA OUTPUT (in kWh-thousands)	127,281,457	Draft Invoice from Ecoeléctrica - Provided by Generation Department
ECOELÉCTRICA COST (in dollars)	\$ 23,132,230.77	
AES OUTPUT (in kWh-thousands)	240,762,836	Draft Invoice from AES - Provided by Planning Department
AES COST (in dollars)	\$ 23,571,684.59	
RENEWABLES OUTPUT (in kWh-thousands)	22,124,733	Draft Invoices from renewable companies - as provided by Planning Department
RENEWABLES COST	\$ 4,026,819.18	
CILT COST	\$ 5,711,849.10	
HELP TO HUMANS SUBSIDY COST	\$ 15,880,208.54	From Sales per Rate Report (prepared by Planning)
NON HELP TO HUMANS SUBSIDY COST	\$ 929,787.70	
AMOUNT OF REVENUE REDUCTION SUBSIDIES	\$ (1,274,318.95)	Ventas por Tarifa Planificación

GROSS REVENUES BY SERVICE CLASS AND TYPE (PRIOR TO RECONCILIATION ADJUSTMENTS)											
	SERVICE CHARGE	FUEL	PURCHASED POWER	CILT	SUBSIDIES HTH	SUBSIDIES NHTH	PROVISIONAL RATE	TRUE UP	TOTAL	%	
RESIDENTIAL	\$ 30,171,853.45	\$ 50,268,345.27	\$ 22,200,534.67	\$ 3,497,660.75	\$ 5,992,485.53	\$ 444,550.29	\$ 2,339.35	\$ (3,750,763.57)	#####	#####	
COMMERCIAL	44,379,943.09	61,985,581.30	27,249,885.80	4,308,362.80	7,381,239.30	386,918.68	36,112.55	(4,677,609.82)	141,050,433.70	#####	
INDUSTRIAL	8,918,326.52	15,654,582.46	6,940,539.30	1,091,155.23	1,869,391.26	138,690.84	243.50	(1,170,211.96)	33,442,717.15	#####	
PUBLIC LIGHTNING	16,322,635.87	2,743,019.20	1,221,283.60	191,706.79	328,406.50	20,788.34	(489.46)	(205,660.68)	20,621,690.16	6.76%	
OTHER PUBLIC AUTHORITIES	168,664.65	360,748.98	159,140.51	25,099.74	43,001.40	3,190.29	-	(26,918.31)	732,927.26	0.24%	
AGRICULTURE	176,466.58	212,260.12	95,520.94	14,196.45	24,362.91	1,720.30	1,206.86	(15,167.00)	510,567.16	0.17%	
TOTAL	\$100,137,890.16	\$131,224,537.33	\$ 57,866,904.82	\$ 9,128,181.76	\$ 15,638,886.90	\$ 995,858.74	\$ 39,412.80	\$ (9,846,331.34)	#####		

Instructions:

- (1) Fill yellow cells only.
- (2) Worksheet provides a summary of all values used in the computation of the reconciliation clauses.
- (3) Ecoeléctrica and AES cost and power production (cells c21 to C24), are inputed directly from the draft invoices submitted by the Generation Department.
- (4) Adjustment clauses from two months prior are obtained from the *Reconciliation Clauses* tab, as prepared by the Economic Analysis Department c

Nov-19

RECONCILIATIONS OF COST VS. REVENUES
Dec-19

Allocation of Prior Period Adjustments Using Forecast Sales				
Prior period adjustment amounts and projected sales volumes are provided by PREPA to PREB on June 19, 2019.				
Prior period adjustment amounts were confirmed and so ordered by the PREB on September 27, 2019.				
	October	November	December	Totals
Estimated Retail Sales (kWh)	1,437,542,547	1,293,587,008	1,300,936,563	4,032,066,118
FAC Adjustments & Allocation	\$121,659,335.54			
of Period Adjustments for March/April	\$ 43,374,901.59	\$ 39,031,338.09	\$ 39,253,095.86	\$ 121,659,335.54
Post Hurricanes Adjustment	(434,030.61)	(390,566.77)	(392,785.79)	\$ (1,217,383.17)
Net FAC Prior Period Adjusm-	\$42,940,870.99	\$38,640,771.32	\$38,860,310.07	\$120,441,952.37
PPAC Adjustments & Allocatic	(\$2,717,693.29)			
of Period Adjustments for March/April	\$ (968,932.46)	\$ (871,903.54)	\$ (876,857.29)	\$ (2,717,693.29)
Post Hurricanes Adjustment	5,799,504.01	5,218,741.56	5,248,392.00	\$ 16,266,637.58
Net PPAC Prior Period Adjustr	\$4,830,571.55	\$4,346,838.02	\$4,371,534.72	\$13,548,944.29
POST HURRICANE ADJUSTMENTS ALLOCATION FROM JULY 2019 TO MARCH 2020				
	Estimated sales (kWh)	FUEL	PURCHASED POWER	
TOTAL ADJUSTMENTS PER PREB ORDER		\$ (3,572,427.00)	\$ 47,734,663.00	
Jul-19	1,407,874,203	(425,072.98)	5,679,812.47	
Aug-19	1,458,351,999	(440,313.51)	5,883,455.96	
Sep-19	1,368,998,339	(413,335.37)	5,522,974.86	
Oct-19	1,437,542,548	(434,030.61)	5,799,504.01	
Nov-19	1,293,587,008	(390,566.77)	5,218,741.56	
Dec-19	1,300,936,563	(392,785.79)	5,248,392.00	
Jan-20	1,202,961,198	(363,204.54)	4,883,128.21	
Feb-20	1,108,949,748	(324,820.09)	4,473,856.11	
Mar-20	1,252,949,720	(378,297.34)	5,054,797.81	
	11,832,151,226			

RECONCILIATIONS OF COST VS. REVENUES
Jan-20

Subsidy cost Reported as of January 2020	\$46,388,973.40
Actual PREB Subsidy during time frame	<u>\$57,303,599.66</u>
Amount to be registered as other Adjustments for Help to Human Subsidies in October	\$10,914,626.26

RECONCILIATIONS OF COST VS. REVENUES
Jan-20

Instructions:

- (1) Fill yellow cells only.
- (2) Identify any prior period adjustments, as determined by the Puerto Rico Energy Board, on their quarterly rider resolution. Use cells F21 (Fuel), F26 (Purchased Power), F49 (CILT Rider), M49 (HTH Subsidies) and M73 (NHTH Subsidies) for this purpose.
- (3) Identify any purchased power invoice adjustments for the month and include on cells M92 to M22.
- (4) Identify any additional adjustments due to errors, corrections and other detected issues on cells F27 (Fuel), N32 (Purchased Power), F55 (CILT Rider), M55 (HTH Subsidies) and M79 (NHTH Subsidies).

Ajustes Ecoléctrica Y AES	Según dfta	Plantilla	Diferencia
Ecoléctrica sep-2019	#####	\$27,361,855.04	\$ 32,857.51
Ecoléctrica oct-2019	23,132,230.77	18,463,282.57	(4,668,948.20)
Ecoléctrica nov-2019	23,236,606.55	23,236,606.55	-
Total Ecoléctrica	#####	\$69,061,744.16	#####
AES sep-2019	#####	\$27,084,461.80	\$ 106,551.79
AES oct-2019	23,571,684.59	23,541,430.09	(30,254.50)
AES nov-2019	27,962,808.49	27,825,218.50	137,589.99
Total AES	#####	\$78,451,110.39	\$ 213,887.28

Net Billed Sales - RECEIVED FROM PLANNING DIVISION
Dec-19

Residential	Active Clients	Service Agreements	Consumption (kWh)	Total Revenues	Base Rate	Provisional Rate	Fuel	Purchased Power	CILT Rider	HTH Subsidies Rider	NHTH Subsidies Rider	True Up
103	998	113	\$ 675,300.00	\$ 149,736.15	\$ 40,236.84	\$ 4.38	\$ 65,931.97	\$ 34,902.24	\$ 4,904.23	\$ 8,400.03	\$ 623.33	\$ (5,266.87)
104	4,607	205	1,016,182	233,722.40	68,687.48	(25.28)	99,323.32	52,634.25	7,407.57	12,693.67	941.57	(7,940.18)
105	7,290	296	2,210,148	494,602.96	139,577.36	(19.75)	213,680.14	113,263.15	15,916.41	27,253.52	2,022.91	(17,090.78)
106	34,656	1,715	18,449,423	4,115,604.36	1,092,047.14	(3,562.18)	1,821,325.76	965,905.73	135,695.85	232,475.14	17,247.65	(145,530.73)
107	3,760	117	2,870,652	629,078.93	165,641.20	(0.25)	278,929.68	147,799.48	20,764.38	35,574.10	2,639.21	(22,268.87)
109	133,898	5,547	27,335,976	6,304,642.24	1,869,489.11	370.41	2,669,289.66	1,414,491.33	198,421.74	340,037.32	25,215.86	(212,673.19)
110	31,838	4,349	18,506,973	4,106,012.70	1,112,179.24	(3,133.00)	1,801,309.93	955,313.42	136,001.62	234,286.16	16,489.75	(146,434.42)
111	213,453	6,891	60,117,976	13,549,889.53	3,887,567.17	126.22	5,816,214.83	3,080,828.41	432,719.28	749,186.97	50,574.09	(467,327.44)
112	910,924	46,202	379,247,878	83,584,345.07	23,005,374.81	(1,290.52)	36,465,296.28	19,314,383.19	2,713,833.42	4,746,706.20	290,137.82	(2,950,096.13)
TOTAL	1,341,424	65,435	510,430,508	\$113,167,634.34	\$31,380,800.35	\$ (7,529.97)	\$ 49,231,301.57	\$ 26,079,521.20	\$ 3,665,664.50	\$ 6,386,613.11	\$ 405,892.19	\$ (3,974,628.61)
Commercial												
060 ²	1	1	\$ 14.66	\$ 3.89	\$ 1.51	\$ -	\$ 1.43	\$ 0.76	\$ 0.11	\$ 0.18	\$ 0.01	\$ (0.11)
070	10	48	410,000	205,029.31	138,700.52	-	39,930.79	21,145.85	2,970.97	5,089.82	377.65	(3,186.29)
071	1	5	435,708	225,080.15	154,592.61	-	42,434.48	22,471.63	3,157.14	5,408.88	401.29	(3,385.88)
080	35	8	425,965	212,647.78	143,736.43	-	41,485.58	21,969.16	3,086.53	5,287.94	392.31	(3,310.17)
082	203	197	8,860	5,038.29	3,610.43	0.00	856.39	456.34	64.32	110.90	7.66	(67.75)
211	110,556	119,406	165,509,910	41,194,810.85	14,505,254.52	13,049.52	16,065,414.74	8,524,801.33	1,189,109.67	2,046,672.69	122,711.55	(1,272,203.17)
212	10,445	12,119	318,041,487	77,572,979.68	26,315,517.09	(12.45)	30,907,024.18	16,372,521.16	2,298,702.08	3,953,187.41	197,588.83	(2,471,548.62)
213	381	416	147,939,415	31,988,398.96	8,119,797.85	(18.47)	14,404,117.47	7,629,728.86	1,071,930.83	1,840,344.57	73,769.40	(1,151,271.55)
862	1	1	626,043	138,317.88	37,038.51	0.00	60,971.58	32,288.17	4,536.31	7,771.70	576.59	(4,864.98)
TOTAL	121,633	132,201	633,397,403	\$151,542,306.79	\$49,418,249.47	\$ 13,018.60	\$ 61,562,236.64	\$ 32,625,383.26	\$ 4,573,557.96	\$ 7,863,874.09	\$ 395,825.29	\$ (4,909,838.52)
Industrial												
311	109	110	\$ 261,010.00	\$ 64,825.57	\$ 22,599.99	0.00	25,420.38	13,461.63	1,891.31	3,289.28	212.41	\$ (2,049.43)
312	238	287	10,142,000	2,496,472.06	859,516.41	2,928.90	985,394.76	521,538.37	71,714.20	124,600.41	8,200.36	(77,421.35)
313	221	239	97,823,830	21,297,953.75	5,531,626.78	(2,211.94)	9,492,497.17	5,026,099.11	707,364.32	1,217,134.70	86,476.72	(761,033.11)
333	1	1	8,201,402	1,624,667.20	297,868.99	0.00	798,750.94	422,987.31	59,427.36	101,812.20	7,553.49	(63,733.09)
343	2	2	17,502	6,546.08	3,714.66	-	1,704.55	902.67	126.82	217.27	16.12	(136.01)
353	-	-	-	-	-	-	-	-	-	-	-	-
363	15	15	46,116,043	9,650,587.72	2,190,072.46	-	4,491,333.76	2,378,434.99	334,156.85	572,484.57	42,472.88	(358,367.79)
393	-	-	-	-	-	-	-	-	-	-	-	-
963	2	2	2,697,512	560,518.05	124,122.65	-	262,716.09	139,124.18	19,546.18	33,486.91	2,484.41	(20,962.37)
TOTAL	588	656	165,259,299	\$ 35,701,570.43	\$ 9,029,521.94	\$ 716.96	\$ 16,057,817.65	\$ 8,502,548.26	\$ 1,194,227.04	\$ 2,053,025.34	\$ 147,416.39	\$ (1,283,703.15)
Public Lighting												
002-041 ¹	152	1,211	22,240,216	\$ 6,527,395.81	\$ 2,940,060.04	\$ -	\$ 2,160,012.68	\$ 1,147,194.85	\$ 161,141.61	\$ 275,051.45	\$ 21,498.77	\$ (177,563.60)
072 ¹	3	2	3,042	687	195.26	-	296.26	156.89	22.04	37.76	2.80	(23.64)
073 ¹	5	5	2,849	535	74.00	0.00	277.47	146.93	20.65	35.38	2.62	(22.15)
414	23	36	318,542	96,183	44,697.99	0.00	31,288.04	16,460.43	2,322.07	3,947.96	0.00	(2,533.22)
421	194	211	236,714	57,524	19,378.99	0.00	23,054.13	12,208.58	1,715.17	2,938.64	67.80	(1,839.51)
422	81	90	129,271	27,034	6,239.72	0.00	12,590.08	6,667.19	936.72	1,604.75	0.00	(1,004.57)
423	674	613	151,623	33,433	9,006.29	0.00	14,768.11	7,832.98	1,114.41	1,908.12	0.00	(1,196.91)
424	1,047	1,309	1,050,489	221,875	52,815.69	0.00	102,338.91	54,187.28	7,642.67	13,090.11	1.96	(8,201.98)
050-056 ¹	-	2,234	140,999	45,427	20,966.79	(144.35)	14,788.60	7,832.18	1,119.20	1,926.99	143.59	(1,205.62)
TOTAL	2,179	5,711	24,273,745	\$ 7,010,094.06	\$ 3,093,434.77	\$ (144.35)	\$ 2,359,414.28	\$ 1,252,687.31	\$ 176,034.54	\$ 300,541.16	\$ 21,717.54	\$ (193,591.20)
Other Public Authorities												
513	2	2	3,347,256	\$ 708,165.84	\$ 169,739.62	\$ -	\$ 325,995.96	\$ 172,634.73	\$ 24,254.22	\$ 41,552.84	\$ -	\$ (26,011.53)
Agricultural												
711	1,097	1,187	1,883,358	\$ 465,793.01	\$ 166,308.31	\$ (35.02)	\$ 180,300.78	\$ 95,877.16	\$ 13,547.28	\$ 23,900.79	\$ 1,110.22	\$ (15,216.51)
GRAND TOTAL	1,466,923	205,192	1,338,591,568	\$308,595,564.47	\$93,258,054.46	\$ 6,026.22	\$129,717,066.88	\$ 68,728,651.92	\$ 9,647,285.54	\$ 16,669,507.33	\$ 971,961.63	\$ (10,402,989.52)

¹ Servicios No Medidos-Los clientes no se contabilizan porque ya estan incluidos en la tarifa 112.

Instructions:

(1) Fill yellow cells only.

(2) Copy values from tab *Facturadas Neto* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell ranges as indicated:

a. Residential Sales: Range B4 to M12.

b. Commercial Sales: Range B15 to M23.

c. Industrial Sales: Range B26 to M34.

d. Public Lighting Sales: Range B37 to M45.

e. Other Public Authorities Sales: Range B48 to M48.

f. Agricultural Sales: Range B50 to M50.

(3) Values provided link into cell range C35 to K44 of the Data Summary tab and the Sales Summary tab, in order to complete the computation of the final sales amount for the month (distributed by revenue type and customer type), after the unbilled and the reconciliation clauses adjustments.

Net Billed Sales - RECEIVED FROM PLANNING DIVISION
Jan-20

	Active Clients	Service Agreements	Consumption (kWh)	Total Revenues	Base Rate	Provisional Rate	Fuel	Purchased Power	CLT Rider	HTH Subsidies Rider	NHTH Subsidies Rider	True Up
Residential												
103	922	127	\$ 524,592.00	\$ 117,980.78	\$ 31,672.51	\$ 18.76	\$ 55,792.80	\$ 23,751.09	\$ 3,827.21	\$ 6,556.49	\$ 486.42	\$ (4,124.50)
104	4,653	147	1,022,042	235,386.04	68,737.55	23.99	106,442.47	47,099.30	7,399.98	12,678.10	940.60	(7,935.95)
105	7,282	247	2,102,578	476,701.92	134,245.21	0.00	218,734.86	96,816.75	15,245.07	26,099.29	1,937.38	(16,376.64)
106	34,618	1,612	17,756,929	3,918,510.03	1,049,356.68	38.27	1,832,992.34	810,271.43	127,625.03	218,743.04	16,223.18	(136,739.94)
107	3,756	135	2,872,992	635,027.60	166,809.93	0.00	298,842.94	132,544.88	20,832.07	35,690.52	2,647.85	(22,340.59)
109	136,341	5,542	27,361,902	6,351,307.92	1,884,277.46	332.58	2,853,300.18	1,262,333.44	198,499.11	340,146.18	25,230.41	(212,811.44)
110	28,652	4,493	17,272,942	3,843,570.69	1,032,430.26	1,185.95	1,795,734.53	794,416.69	124,053.78	212,699.66	15,763.33	(132,713.51)
111	213,466	7,352	57,229,300	13,002,478.69	3,734,431.93	191.33	5,923,195.55	2,615,746.91	412,180.11	706,251.30	52,391.28	(441,909.72)
112	910,962	50,766	361,134,297	80,246,042.07	22,069,891.92	548.47	37,183,309.60	16,417,554.18	2,587,998.39	4,433,620.95	328,929.84	(2,775,811.28)
TOTAL	1,340,652	70,421	487,277,574	\$108,827,005.74	\$ 30,171,853.45	\$ 2,339.35	\$ 50,268,345.27	\$22,200,534.67	\$ 3,497,660.75	\$ 5,992,485.53	\$ 444,550.29	\$ (3,750,763.57)
Commercial												
060 ²	1	1	\$ 14.66	\$ 3.90	\$ 1.51	\$ -	\$ 1.53	\$ 0.67	\$ 0.11	\$ 0.18	\$ 0.01	\$ (0.11)
070	10	423	3,785,409	900,415.93	321,980.25	-	335,083.91	190,113.09	26,079.85	50,589.45	377.65	(23,808.27)
071	1	22	3,327,500	792,220.40	281,253.46	-	297,141.75	166,030.73	22,641.39	44,532.25	371.26	(19,750.44)
080	37	471	(5,868,080)	(1,387,217.03)	(498,682.42)	57,206.31	(503,778.48)	(299,529.51)	(39,803.92)	(79,850.18)	395.34	(23,174.17)
082	203	177	8,342	2,841.82	1,481.91	1.92	869.01	383.40	60.82	103.87	7.66	(66.77)
211	110,474	119,475	152,399,805	38,213,266.09	13,411,067.67	(1,952.04)	15,889,401.96	6,992,030.90	1,099,662.66	1,883,951.04	118,476.21	(1,179,372.31)
212	10,430	12,083	304,593,538	72,662,696.40	23,126,933.07	(19,143.64)	31,770,004.21	13,954,299.57	2,212,836.38	3,791,159.68	199,655.84	(2,373,048.71)
213	380	389	135,835,110	29,739,970.83	7,704,465.04	0.00	14,136,253.73	6,219,822.29	982,668.90	1,683,529.03	67,098.76	(1,053,866.92)
862	1	1	581,922	126,235.36	31,442.60	0.00	60,603.68	26,734.66	4,216.61	7,223.98	535.95	(4,522.12)
TOTAL	121,537	133,042	594,663,561	\$141,050,433.70	\$ 44,379,943.09	\$ 36,112.55	\$ 61,985,581.30	\$27,249,885.80	\$ 4,308,362.80	\$ 7,381,239.30	\$ 386,918.68	\$ (4,677,609.82)
Industrial												
311	110	138	\$ 515,008.00	123,546.85	44,101.79	347.04	47,570.38	25,250.64	3,531.80	6,064.50	449.10	\$ (3,768.40)
312	237	281	9,267,878	2,315,245.02	807,861.09	(103.54)	964,011.94	424,832.43	67,127.94	114,992.48	8,532.05	(72,009.37)
313	221	223	88,103,181	19,529,331.27	5,184,568.52	0.00	9,172,085.52	4,044,633.18	638,080.21	1,093,172.39	81,102.95	(684,311.50)
333	1	1	3,594,351	839,801.50	254,296.10	0.00	374,330.09	165,131.67	26,044.67	44,620.27	3,310.40	(27,931.70)
343	2	2	571,629	389,176.67	296,060.59	-	59,531.73	26,261.78	4,142.03	7,096.20	526.47	(4,442.13)
353	-	-	-	-	-	-	-	-	-	-	-	-
363	15	16	46,238,904	9,743,402.92	2,215,478.97	-	4,790,110.09	2,145,493.49	335,047.11	574,009.76	42,586.03	(359,322.53)
393	-	-	-	-	-	-	-	-	-	-	-	-
963	2	2	2,371,166	502,212.92	115,959.46	-	246,942.71	108,936.11	17,181.47	29,435.66	2,183.84	(18,426.33)
TOTAL	588	663	150,662,117	\$33,442,717.15	\$9,818,326.52	\$ 243.50	\$ 15,654,582.46	\$ 6,940,539.30	\$ 1,091,155.23	\$ 1,869,391.26	\$ 138,690.84	\$ (1,170,211.96)
Public Lighting												
002-041 ¹	152	1,050	23,559,930	\$ 19,968,094.46	\$ 16,132,605.77	\$ 3.98	\$ 2,445,872.92	\$ 1,088,877.08	\$ 170,716.35	\$ 292,471.61	\$ 20,639.29	\$ (183,092.54)
072 ¹	3	2	3,042	691	195.26	-	316.80	139.76	22.04	37.76	2.80	(23.64)
073 ¹	5	5	2,849	538	74.00	0.00	296.71	130.90	20.65	35.38	2.62	(22.15)
414	23	23	321,317	95,363	43,317.29	0.00	33,463.75	14,762.19	2,328.31	3,988.88	0.00	(2,496.99)
421	194	211	234,745	57,323	19,225.76	0.00	24,450.55	10,783.70	1,700.98	2,914.16	72.15	(1,824.42)
422	80	100	147,862	31,064	7,098.76	0.00	15,413.06	6,796.72	1,072.16	1,835.26	0.00	(1,152.09)
423	674	753	168,634	37,302	10,018.47	(33.79)	17,441.89	7,839.62	1,240.64	2,125.56	0.00	(1,330.33)
424	1,047	1,225	1,829,786	384,854	88,325.23	(405.80)	189,943.82	84,993.56	13,501.12	23,095.45	(70.19)	(14,529.54)
050-056 ¹	-	2,155	148,538	46,461	21,775.33	(53.85)	15,819.70	6,960.07	1,104.54	1,902.44	141.67	(1,188.98)
TOTAL	2,178	5,524	26,416,703	\$ 20,621,690.16	\$ 16,322,635.87	\$ (489.46)	\$ 2,743,019.20	\$ 1,221,283.60	\$ 191,706.79	\$ 328,406.50	\$ 20,788.34	\$ (205,660.68)
Other Public Authorities												
513	2	2	3,463,944	\$ 732,927.26	\$ 168,664.65	\$ -	\$ 360,748.98	\$ 159,140.51	\$ 25,099.74	\$ 43,001.40	\$ 3,190.29	\$ (26,918.31)
Agricultural												
711	1,098	1,214	2,094,240	\$ 510,567.16	\$ 176,466.58	\$ 1,206.86	\$ 212,260.12	\$ 95,520.94	\$ 14,196.45	\$ 24,362.91	\$ 1,720.30	\$ (15,167.00)
GRAND TOTAL	1,466,055	210,866	1,264,578,138	\$305,185,341.17	\$100,137,890.16	\$ 39,412.80	\$131,224,537.33	\$57,866,904.82	\$ 9,128,181.76	\$ 15,638,886.90	\$ 995,858.74	\$ (9,846,331.34)

¹ Servicios No Medidos-Los clientes no se contabilizan porque ya estan incluidos en la tarifa 112.

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from tab *Facturadas Neto* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell ranges as indicated:
 - a. Residential Sales: Range B4 to M12.
 - b. Commercial Sales: Range B15 to M23.
 - c. Industrial Sales: Range B26 to M34.
 - d. Public Lighting Sales: Range B37 to M45.
 - e. Other Public Authorities Sales: Range B48 to M48.
 - f. Agricultural Sales: Range B50 to M50.
- (3) Values provided link into cell range C35 to K44 of the Data Summary tab and the Sales Summary tab, in order to complete the computation of the final sales amount for the month (distributed by revenue type and customer type), after the unbilled and the reconciliation clauses adjustments.

Net Billed Sales - RECEIVED FROM PLANNING DIVISION
Jan-20

<i>Residential</i>	Active Clients	Service Agreements	Consumption (kWh)	Total Revenues	Base Rate	Provisional Rate	Fuel	Purchased Power	CILT Rider	HTH Subsidies Rider	NHTH Subsidies Rider	True Up
103	677	1,051	\$ 512,619.00	\$ 113,554.85	\$ 29,949.65	\$ 291.92	\$ 53,281.54	\$ 23,728.37	\$ 3,558.97	\$ 6,105.91	\$ 452.60	\$ (3,814.11)
104	4,868	4,964	1,013,486	234,406.26	69,041.77	119.68	105,544.79	46,796.37	7,288.64	12,495.89	926.37	(7,807.25)
105	7,289	8,114	2,002,732	441,676.99	126,227.63	126.07	200,830.38	89,630.81	14,054.60	24,085.56	1,786.01	(15,064.07)
106	34,548	37,433	15,605,800	3,430,785.46	917,449.28	(1,234.42)	1,604,788.41	711,791.40	111,989.66	191,865.15	14,232.21	(120,096.23)
107	3,752	4,002	2,456,842	540,677.60	142,313.64	(11.38)	253,917.69	113,066.29	17,755.03	30,419.28	2,256.53	(19,039.48)
109	143,230	144,677	26,907,184	6,280,447.03	1,888,092.65	109.85	2,806,264.96	1,241,667.39	194,691.95	333,750.73	24,695.94	(208,826.44)
110	20,979	33,825	11,587,096	2,573,558.64	693,018.38	(2,750.14)	1,200,704.98	532,046.74	84,961.14	145,180.90	10,699.43	(90,302.79)
111	213,512	197,587	32,841,966	7,655,837.59	2,354,332.35	(201.91)	3,388,119.77	1,496,449.99	235,887.95	404,226.56	29,971.86	(252,948.98)
112	911,150	999,996	340,991,984	76,164,691.19	21,075,927.05	(4,259.11)	35,193,820.21	15,558,212.08	2,453,237.24	4,204,662.13	311,786.26	(2,628,694.67)
TOTAL	1,340,005	1,431,649	433,919,709	\$ 97,435,635.61	\$27,296,352.40	\$ (7,809.44)	\$ 44,807,272.73	\$ 19,813,389.44	\$ 3,123,425.18	\$ 5,352,792.11	\$ 396,807.21	\$ (3,346,594.02)
Commercial												
060²	1	1	\$ 14.00	\$ 3.95	\$ 1.51	\$ -	\$ 1.56	\$ 0.69	\$ 0.11	\$ 0.19	\$ 0.01	\$ (0.12)
070	10	48	442,604	109,739.38	37,640.61	-	46,094.68	20,334.28	3,207.22	5,494.57	407.68	(3,439.66)
071	1	4	403,104	99,742.30	34,078.25	-	41,980.87	18,519.41	2,920.89	5,004.13	371.26	(3,132.51)
080	37	8	425,965	105,417.77	36,029.79	-	44,361.70	19,569.67	3,086.53	5,287.94	392.31	(3,310.17)
082	203	171	8,471	2,961.09	1,563.54	0.00	893.07	394.02	62.50	114.62	-	(66.66)
211	110,428	120,359	142,957,347	35,834,109.54	12,598,601.98	(6,918.15)	14,874,692.81	6,554,147.33	1,036,976.09	1,776,293.99	112,827.16	(1,112,511.67)
212	10,417	12,488	292,672,513	73,835,895.38	26,245,683.18	49,064.95	30,536,432.60	13,435,037.41	2,065,019.89	3,535,402.90	187,370.08	(2,218,115.63)
213	380	397	130,361,266	28,517,845.93	7,356,495.79	0.00	13,564,588.05	5,983,087.63	943,737.18	1,616,830.15	65,221.56	(1,012,114.43)
862	1	1	550,770	121,993.64	32,275.40	0.00	57,359.39	25,303.48	3,990.88	6,837.26	507.26	(4,280.03)
TOTAL	121,478	133,477	567,822,054	\$138,627,708.98	\$46,342,370.05	\$ 42,146.80	\$ 59,166,404.73	\$ 26,056,393.92	\$ 4,059,001.29	\$ 6,951,265.75	\$ 367,097.32	\$ (4,356,970.88)
Industrial												
311	110	123	\$ 260,329.00	\$ 64,816.12	\$ 22,590.46	0.00	26,835.84	12,027.78	1,878.60	3,235.26	239.03	\$ (1,990.85)
312	236	265	8,227,710	2,089,786.62	751,448.83	(223.03)	856,280.22	376,919.42	59,662.73	102,168.21	7,582.67	(64,052.43)
313	220	297	88,651,417	19,420,344.73	5,148,167.23	37,876.83	9,093,784.87	4,049,435.38	617,171.70	1,057,372.01	78,424.69	(661,887.98)
333	1	1	3,808,836	910,654.41	290,210.25	0.00	396,667.42	174,985.54	27,598.83	47,282.89	3,507.94	(29,598.46)
343	2	2	189,365	213,189.02	182,342.21	-	19,721.23	8,699.81	1,372.14	2,350.78	174.41	(1,471.56)
353	-	-	-	-	-	-	-	-	-	-	-	-
363	15	15	32,243,924	6,913,827.74	1,661,421.34	-	3,358,011.32	1,481,350.41	233,639.46	400,276.10	29,696.65	(250,567.54)
393	-	-	-	-	-	-	-	-	-	-	-	-
963	2	2	2,160,574	459,988.67	108,039.81	-	225,010.82	99,261.09	15,655.52	26,821.36	1,989.89	(16,789.82)
TOTAL	586	705	135,542,155	\$ 30,072,607.31	\$ 8,164,220.13	\$ 37,653.80	\$ 13,976,311.72	\$ 6,202,679.43	\$ 956,978.98	\$ 1,639,506.61	\$ 121,615.28	\$ (1,026,358.64)
Public Lighting												
002-041¹	152	316	22,167,844	\$ 8,260,999.73	\$ 4,624,737.30	\$ 16.31	\$ 2,338,706.95	\$ 1,031,599.07	\$ 162,711.64	\$ 278,748.65	\$ (993.34)	\$ (174,526.84)
072¹	3	2	2,925	662	187.75	-	304.62	134.38	21.19	36.31	-	(22.73)
073¹	5	4	2,695	507	70.00	0.00	280.67	123.82	19.53	33.47	-	(20.95)
414	23	24	289,332	88,567	41,701.73	0.00	30,132.70	13,292.70	2,096.53	3,591.82	0.00	(2,248.45)
421	195	202	271,581	66,180	22,036.28	0.00	28,314.34	12,479.46	1,967.87	3,371.46	121.23	(2,110.45)
422	80	106	89,780	19,033	4,471.30	0.00	9,382.01	4,111.99	650.57	1,114.52	0.00	(697.70)
423	677	612	138,582	30,673	8,216.50	0.00	14,471.96	6,337.13	1,004.09	1,720.20	0.00	(1,076.85)
424	1,047	1,295	724,463	155,959	38,103.70	(269.83)	76,564.82	32,745.26	5,413.13	9,245.64	1.83	(5,845.89)
050-056¹	-	2,160	118,963	42,931	19,195.27	(411.79)	15,436.43	6,800.90	1,080.20	1,853.58	138.64	(1,162.35)
TOTAL	2,182	4,721	23,806,165	\$ 8,665,510.27	\$ 4,758,719.83	\$ (665.31)	\$ 2,513,594.50	\$ 1,107,624.71	\$ 174,964.75	\$ 299,715.65	\$ (731.64)	\$ (187,712.21)
Other Public Authorities												
513	2	2	3,109,920	\$ 654,822.91	\$ 148,229.38	\$ -	\$ 323,879.50	\$ 142,875.95	\$ 22,534.48	\$ 38,606.55	\$ 2,864.24	\$ (24,167.19)
Agricultural												
711	1,089	1,292	1,878,620	\$ 464,308.90	\$ 163,981.83	\$ (155.34)	\$ 192,434.16	\$ 84,426.09	\$ 13,448.18	\$ 23,010.21	\$ 1,629.05	\$ (14,465.28)
GRAND TOTAL	1,465,342	1,571,846	1,166,078,623	\$275,920,593.98	\$86,873,873.62	\$ 71,170.51	\$120,979,897.34	\$53,407,389.54	\$ 8,350,352.86	\$ 14,304,896.88	\$ 889,281.46	\$ (8,956,268.22)

¹ Servicios No Medidos-Los clientes no se contabilizan porque ya estan incluidos en la tarifa 112.

Instructions:

(1) Fill yellow cells only.

(2) Copy values from tab *Facturadas Neto* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell ranges as indicated:

a. Residential Sales: Range B4 to M12.

b. Commercial Sales: Range B15 to M23.

c. Industrial Sales: Range B26 to M34.

d. Public Lighting Sales: Range B37 to M45.

e. Other Public Authorities Sales: Range B48 to M48.

f. Agricultural Sales: Range B50 to M50.

(3) Values provided link into cell range C35 to K44 of the Data Summary tab and the Sales Summary tab, in order to complete the computation of the final sales amount for the month (distributed by revenue type and customer type), after the unbilled and the reconciliation clauses adjustments.

PUERTO RICO ELECTRIC POWER AUTHORITY

Cost of Subsidies and Authority Use
(as provided by Planning Department Reports)

Subsidies	Dec-19
Contributions in Lieu of Taxes (CILT)-Municipalities	\$ 6,360,558.96
Help to Humans Subsidies	
Municipal Public Lighting	\$ 6,529,859.68
Life Preserving Equipment Discount	199,481.74
Residential Service for Public Housing Projects (RH3)	70,909.64
Lifeline Residential Service (LRS)	1,325,216.99
Residential Fixed Rate for Public Housing (RFR)	2,849,975.41
Fuel Adjustment Subsidy (Residential)	1,231,784.58
Contribution to Puerto Rico Energy Bureau	1,666,666.67
Sub-Total Help to Humans Subsidies	\$ 13,873,894.70
Non Help to Humans Subsidies	
Church and Social Welfare Organization Discount	\$ 604,049.76
General Agricultural Service	40,490.54
Hotel Discount	292,186.83
Credits for Rural Acueducts	272.19
Downtown Commerce Subsidy	65.75
Common Areas for Condominiums	48,447.27
Irrigation District	346,000.00
Sub-Total Non Help to Humans Subsidies	\$ 1,331,512.34
Total of Subsidies	\$ 15,205,407.04
Revenues Reduction	
Direct Debit (10%)	\$ 8,589.25
Net Metering Credit	1,457,069.79
Total	\$ 1,465,659.04

Authority Use				
	Facturación	0.077633	0.052081	
	KWH	COMB	CE	Total
Secondary	905,513	88,189.72	46,701.83	\$ 134,891.55
Wholesale	1,804,495	175,743.38	93,066.83	\$ 268,810.21
Total	2,710,008	\$ 263,933.10	\$ 139,768.66	\$ 403,701.76

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from tab *Subsidios* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells B6, B8 TO B14, B17 TO B23, B29 and B30.
- (3) Copy values from tab *AEE USE* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells E8, E9, F8, F9, G8 and G9.
- (4) Copy values from tab *Crédito MN y DD* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell range B35 to I44 (for Crédito MN), and into cell range B48 to D51 for Débito Directo.
- (5) The values link into the CC&B and General Ledger Reconciliation, and is also presented on cell C35 of the *Data Summary* tab, representing the Amount of Revenue Reduction Subsidies.

Net Metering Credit										
Tarifa		kWh neto	Total Básica	Comb	CE	CILT	HH	NHH	TUP	Total
110		101,383	\$ 2,066.48	\$ 6,663.67	\$ 3,542.47	\$ 497.51	\$ (533.70)	\$ 852.23	\$ 63.41	\$ 13,152.07
111		548,117	19,568.06	37,563.92	19,869.25	2,791.62	(2,993.98)	4,782.61	354.75	81,936.23
112		7,423,828	247,609.69	462,778.74	245,891.25	34,519.23	(36,914.10)	59,210.34	4,391.47	1,017,486.62
211		778,646	23,444.98	27,002.99	14,311.96	2,010.67	(2,156.38)	3,442.86	257.44	68,314.52
212		3,865,577	34,621.84	71,893.58	38,676.42	5,397.25	(5,628.53)	9,359.24	687.75	155,007.55
213		1,496,000	6,574.13	18,769.38	9,939.54	1,396.45	(1,497.63)	2,392.42	177.48	37,751.77
311		12,165	205.56	236.95	125.48	17.63	(18.91)	30.20	2.24	599.15
312		300,025	3,689.96	7,768.47	4,113.88	577.99	(619.86)	990.21	73.45	16,594.10
313		1,105,500	10,632.60	26,608.62	14,855.11	2,012.30	(1,815.63)	3,688.42	259.45	56,240.87
711		119,870	2,760.21	4,350.59	2,303.92	323.67	(347.16)	554.55	41.13	9,986.91
Total		15,751,111	\$ 351,173.51	\$ 663,636.91	\$ 353,629.28	\$ 49,544.32	\$ (52,525.88)	\$ 85,303.08	\$ 6,308.57	\$ 1,457,069.79

Direct Debit		SA	kWh	Crédito
103		1	-	\$ 0.25
110		36	518	24.83
111		706	86,174	1,351.95
112		2,099	1,215,793	7,212.22
		2,830	1,718,458	\$ 9,776.02

PUERTO RICO ELECTRIC POWER AUTHORITY

Cost of Subsidies and Authority Use
(as provided by Planning Department Reports)

Subsidies	Jan-20
Contributions in Lieu of Taxes (CILT)-Municipalities	\$ 5,711,849.10
Help to Humans Subsidies	
Municipal Public Lighting	\$ 8,730,951.75
Life Preserving Equipment Discount	187,386.63
Residential Service for Public Housing Projects (RH3)	69,278.52
Lifeline Residential Service (LRS)	1,293,146.99
Residential Fixed Rate for Public Housing (RFR)	2,770,334.86
Fuel Adjustment Subsidy (Residential)	1,162,443.12
Contribution to Puerto Rico Energy Bureau	1,666,666.67
Sub-Total Help to Humans Subsidies	\$ 15,880,208.54
Non Help to Humans Subsidies	
Church and Social Welfare Organization Discount	\$ 344,590.32
General Agricultural Service	39,951.74
Hotel Discount	85,161.76
Credits for Rural Acueducts	255.11
Downtown Commerce Subsidy	63.81
Common Areas for Condominiums	113,764.96
Irrigation District	346,000.00
Sub-Total Non Help to Humans Subsidies	\$ 929,787.70
Total of Subsidies	\$ 16,809,996.24
Revenues Reduction	
Direct Debit (10%)	\$ 8,243.72
Net Metering Credit	1,266,075.23
Total	\$ 1,274,318.95

Authority Use				
	Facturación	0.077633	0.052081	
	KWH	COMB	CE	Total
Secondary	971,214	101,146.11	44,619.51	\$ 145,765.62
Wholesale	1,840,056	191,630.79	84,535.85	\$ 276,166.64
Total	2,811,270	\$ 292,776.90	\$ 129,155.36	\$ 421,932.26

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from tab *Subsidios* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells B6, B8 TO B14, B17 TO B23, B29 and B30.
- (3) Copy values from tab *AEE USE* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells E8, E9, F8, F9, G8 and G9.
- (4) Copy values from tab *Crédito MN y DD* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell range B35 to I44 (for Crédito MN), and into cell range B48 to D51 for Débito Directo.
- (5) The values link into the CC&B and General Ledger Reconciliation, and is also presented on cell C35 of the *Data Summary* tab, representing the Amount of Revenue Reduction Subsidies.

Net Metering Credit										
Tarifa		kWh neto	Total Básica	Comb	CE	CILT	HH	NHH	TUP	Total
110		83,681	\$ 1,599.12	\$ 5,573.14	\$ 2,464.44	\$ 388.06	\$ 664.89	\$ 49.36	\$ (416.23)	\$ 10,322.78
111		471,889	16,592.97	33,902.63	15,071.03	2,366.17	4,056.61	300.67	(2,533.69)	69,756.39
112		6,953,456	208,443.49	415,494.76	186,014.79	29,103.29	49,887.71	3,712.80	(31,150.11)	861,506.73
211		849,466	26,226.90	31,316.57	14,732.51	2,242.50	3,854.47	287.26	(2,384.12)	76,276.09
212		2,979,586	28,210.07	63,634.62	28,171.88	4,432.91	7,594.59	563.48	(4,754.15)	127,853.40
213		2,090,220	13,971.61	41,781.85	19,056.82	2,941.14	5,038.84	373.84	(3,154.24)	80,009.86
311		9,190	246.29	303.58	133.92	21.12	36.19	2.68	(22.65)	721.13
312		261,660	3,037.35	6,786.55	2,993.81	472.19	808.97	60.02	(506.38)	13,652.51
313		692,340	3,517.14	10,035.31	4,426.96	698.23	1,196.21	88.75	(748.81)	19,213.79
711		92,084	1,859.75	3,134.52	1,382.77	218.06	373.63	27.71	-	6,996.44
Total		14,483,572	\$ 303,704.69	\$ 611,963.53	\$ 274,448.93	\$ 42,883.67	\$ 73,512.11	\$ 5,466.57	\$ (45,670.38)	\$ 1,266,309.12

Direct Debit		SA	kWh	Crédito
103		1	-	\$ 0.24
110		37	515	25.16
111		695	89,085	1,323.81
112		2,077	1,224,720	6,894.51
		2,810	1,314,320	\$ 8,243.72

PUERTO RICO ELECTRIC POWER AUTHORITY

Cost of Subsidies and Authority Use
(as provided by Planning Department Reports)

Subsidies	Jan-20
Contributions in Lieu of Taxes (CILT)-Municipalities	\$ 5,857,035.88
Help to Humans Subsidies	
Municipal Public Lighting	\$ 8,332,390.83
Life Preserving Equipment Discount	143,458.26
Residential Service for Public Housing Projects (RH3)	64,765.33
Lifeline Residential Service (LRS)	1,180,909.32
Residential Fixed Rate for Public Housing (RFR)	2,373,851.54
Fuel Adjustment Subsidy (Residential)	1,135,205.70
Contribution to Puerto Rico Energy Bureau	1,666,666.67
Sub-Total Help to Humans Subsidies	\$ 14,897,247.65
Non Help to Humans Subsidies	
Church and Social Welfare Organization Discount	\$ 571,763.59
General Agricultural Service	39,112.32
Hotel Discount	229,540.33
Credits for Rural Acueducts	192.61
Downtown Commerce Subsidy	52.20
Common Areas for Condominiums	111,146.08
Irrigation District	346,000.00
Sub-Total Non Help to Humans Subsidies	\$ 1,297,807.13
Total of Subsidies	\$ 16,195,054.78
Revenues Reduction	
Direct Debit (10%)	\$ 7,350.18
Net Metering Credit	1,538,937.25
Total	\$ 1,546,287.43

Authority Use				
	Facturación	0.077633	0.052081	
	KWH	COMB	CE	Total
Secondary	700,305	72,932.56	32,173.41	\$ 105,105.97
Wholesale	1,503,257	156,555.20	69,062.63	\$ 225,617.83
Total	2,203,562	\$ 229,487.76	\$ 101,236.04	\$ 330,723.80

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from tab *Subsidios* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells B6, B8 TO B14, B17 TO B23, B29 and B30.
- (3) Copy values from tab *AEE USE* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cells E8, E9, F8, F9, G8 and G9.
- (4) Copy values from tab *Crédito MN y DD* (provided in Ventas por tarifa report), as submitted by the Planning Dept., into cell range B35 to I44 (for Crédito MN), and into cell range B48 to D51 for Débito Directo.
- (5) The values link into the CC&B and General Ledger Reconciliation, and is also presented on cell C35 of the *Data Summary* tab, representing the Amount of Revenue Reduction Subsidies.

Net Metering Credit										
Tarifa		kWh neto	Total Básica	Comb	CE	CILT	HH	NHH	TUP	Total
110		102,707	\$ 1,794.83	\$ 6,687.61	\$ 2,983.58	\$ 467.13	\$ 800.25	\$ 59.31	\$ (501.02)	\$ 12,291.69
111		516,855	19,827.28	40,600.27	18,208.95	2,846.21	4,888.69	362.60	(3,033.38)	83,700.62
112		7,678,082	255,195.44	515,870.36	228,960.51	35,984.39	61,666.36	4,579.73	(38,556.52)	1,063,700.27
211		1,106,719	33,046.94	40,161.06	18,024.48	2,791.16	4,875.05	356.22	(2,861.34)	96,393.57
212		3,078,278	30,128.42	67,826.66	29,993.67	4,723.69	8,080.62	612.64	(5,066.01)	136,299.69
213		1,410,156	13,677.58	40,966.09	18,071.75	2,850.28	4,883.18	362.29	(3,056.80)	77,754.37
311		9,516	228.63	281.81	124.32	19.61	33.59	2.49	(21.03)	669.42
312		267,210	3,364.48	7,586.38	3,346.64	527.85	904.31	67.09	(566.07)	15,230.68
313		1,254,528	7,932.75	22,039.15	10,310.93	1,578.16	2,683.13	221.24	(1,692.53)	43,072.83
711		101,485	2,701.70	4,553.59	2,008.75	316.79	542.79	40.28	(339.79)	9,824.11
Total			\$ 367,898.05	\$ 746,572.98	\$ 332,033.58	\$ 52,105.27	\$ 89,357.97	\$ 6,663.89	\$ (55,694.49)	\$ 1,538,937.25

Direct Debit		SA	kWh	Crédito
103		1	-	\$ 0.24
110		38	531	26.08
111		698	58,550	1,179.18
112		2,100	1,047,347	6,144.68
		2,837	1,106,428	\$ 7,350.18

GROSS GENERATION

Dec-19

STEAM PLANTS

SAN JUAN	166,325,000
PALO SECO	127,217,000
SOUTH COAST	391,020,000
AGUIRRE	209,135,000
TOTAL	893,697,000

GAS PLANTS

MAYAGUEZ	491,000
PALO SECO	8,318,000
SOUTH COAST	-
AGUIRRE	-
YABUCOA	393,000
DAGUAO	748,000
JOBOS	252,300
VEGA BAJA	-
TOTAL	10,202,300

CAMBALACHE	1,178,000
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COMBINED CYCLE	24,206,000
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VIEQUES DIESEL	-
CULEBRA DIESEL	-
TOTAL	-

TOTAL STEAM & GAS	929,283,300
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HYDRO PLANTS

PATILLAS	-
TORO NEGRO 1	621,000
TORO NEGRO 2	-
GARZAS 1	766,000
GARZAS 2	-
CAONILLAS 1	-
CAONILLAS 2	-
DOS BOCAS	0
RIO BLANCO	-
YAUCO 1	-
YAUCO 2	518,000
TOTAL	1,905,000

TOTAL GROSS GENERATION FOR PREPA PLANTS	931,188,300
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PURCHASED POWER

ECOELECTRICA	277,020,557
AES	320,417,102
RENOVABLE	31,200,073
TOTAL PURCHASED POWER	628,637,732
TOTAL GENERATION	1,559,826,032

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from months as registered on Gross Generation worksheet prepared by the Economic Analysis Department.
- (3) Values are used in the determination of efficiency.

GROSS GENERATION

Jan-20

STEAM PLANTS

SAN JUAN	223,397,000
PALO SECO	183,826,000
SOUTH COAST	75,130,000
AGUIRRE	173,240,000
TOTAL	655,593,000

GAS PLANTS

MAYAGUEZ	22,976,000
PALO SECO	61,993,000
SOUTH COAST	-
AGUIRRE	-
YABUCOA	5,885,000
DAGUAO	10,020,000
JOBOS	5,864,000
VEGA BAJA	14,000
TOTAL	106,752,000

CAMBALACHE	57,387,000
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COMBINED CYCLE	110,592,000
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VIEQUES DIESEL	-
CULEBRA DIESEL	55,000
TOTAL	55,000

TOTAL STEAM & GAS	930,379,000
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HYDRO PLANTS

PATILLAS	-
TORO NEGRO 1	843,000
TORO NEGRO 2	-
GARZAS 1	1,066,000
GARZAS 2	-
CAONILLAS 1	-
CAONILLAS 2	-
DOS BOCAS	1,482,000
RIO BLANCO	-
YAUCO 1	-
YAUCO 2	571,000
TOTAL	3,962,000

TOTAL GROSS GENERATION FOR PREPA PLANTS	934,341,000
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PURCHASED POWER

ECOELECTRICA	127,281,457
AES	241,109,504
RENOVABLE	22,124,733
TOTAL PURCHASED POWER	390,515,694
TOTAL GENERATION	1,324,856,694

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from months as registered on Gross Generation worksheet prepared by the Economic Analysis Department.
- (3) Values are used in the determination of efficiency.

GROSS GENERATION

Jan-20

STEAM PLANTS

SAN JUAN	242,648,000
PALO SECO	216,401,000
SOUTH COAST	0
AGUIRRE	157,730,000
TOTAL	616,779,000

GAS PLANTS

MAYAGUEZ	21,839,000
PALO SECO	58,063,000
SOUTH COAST	-
AGUIRRE	2,535,100
YABUCOA	2,572,000
DAGUAO	5,430,000
JOBOS	3,712,000
VEGA BAJA	2,210,000
TOTAL	96,361,100

CAMBALACHE	44,390,000
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COMBINED CYCLE	123,829,000
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VIEQUES DIESEL	
CULEBRA DIESEL	
TOTAL	-

TOTAL STEAM & GAS	881,359,100
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HYDRO PLANTS

PATILLAS	-
TORO NEGRO 1	616,000
TORO NEGRO 2	-
GARZAS 1	242,000
GARZAS 2	-
CAONILLAS 1	-
CAONILLAS 2	-
DOS BOCAS	0
RIO BLANCO	-
YAUCO 1	-
YAUCO 2	226,000
TOTAL	1,084,000

TOTAL GROSS GENERATION FOR PREPA PLANTS	882,443,100
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PURCHASED POWER

ECOELECTRICA	163,300,661
AES	300,091,544
RENOVABLE	34,777,199
TOTAL PURCHASED POWER	498,169,404
TOTAL GENERATION	1,380,612,504

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from months as registered on Gross Generation worksheet prepared by the Economic Analysis Department.
- (3) Values are used in the determination of efficiency.

Summary of Renewable Purchased Power

Dec-19

(as provided by Renewable Energy Department)

(2)

Compañía	Capacidad (MW)	kWh del Periodo	Costo por kWh	Pago por Energía	CERs A Transferir	Costo CERs por kWh	Costo de los CERs	Pago por CERs
Pattern Santa Isabel	75 ⁽¹⁾	10,193,641.511	\$0.138648	\$1,413,331.99	10,194	\$0.0277	\$282,717.04	\$282,717.04
Punta Lima Wind Farm	26		\$0.136680	\$0.00		\$0.025	\$0.00	\$0.00
AES Ilumina	20	2,802,063.250	\$0.172303	\$482,803.90	2,802	\$0.035	\$98,070.00	\$98,041.98
Windmar Cantera Martinó	2.1	428,034.225	\$0.1760	\$75,334.02	428	\$0.035	\$14,980.00	\$14,975.72
San Fermín Solar Farm	20	2,770,540.000	\$0.161	\$444,694.72	2,757	\$0.03500	\$96,495.00	\$96,467.43
Horizon Energy	10	1,738,740.500	\$0.155	\$269,157.03	1,738	\$0.03500	\$60,830.00	\$60,812.62
Lanfill Gas Technologies Fajardo (LFGT)	2.4	456,444.250	\$0.1000	\$45,644.43	457	\$0.00001	\$4.57	\$4.57
Oriana Energy ⁽⁴⁾	50	6,296,300.263	\$0.157136	\$989,377.37	6,296	\$0.030	\$188,880.00	\$188,817.04
Windmar Coto Laurel Solar Farm ⁽⁵⁾	10	1,252,461.750	\$0.150	\$187,869.26	1,252	\$0.035	\$43,820.00	\$43,807.48
Humacao Solar Project ⁽⁶⁾	40	4,119,192.443	\$0.150	\$617,878.87	4,119	\$0.025	\$102,975.00	\$102,933.81
Lanfill Gas Technologies Toa Baja (LFGT)	2.4	1,142,654.882	\$0.100	\$114,265.49	1,143	\$0.00001	\$11.43	\$11.43

Nota 1: La capacidad contratada de Pattern es 95 MW durante ciertos periodos del año, pero está limitada a 75 MW.

Nota 2: El pago de los CERs a Punta Lima, AES Ilumina, Windmar Cantera Martinó, San Fermín, Horizon Energy, Oriana Energy, Coto Laurel Solar Farm y Humacao Solar Project incluye un descuento por el costo de las

Nota 3: El precio de la energía de Horizon aumentó durante este mes.

Nota 4: El proyecto de Oriana Energy opera a una capacidad limitada.

Nota 5: El proyecto de Coto Laurel Solar Farm se encuentra en etapa de pruebas de MTRs.

Nota 6: El proyecto de Humacao Solar Project se encuentra en etapa de pruebas de MTRs, y opera a una capacidad máxima de 30 MW.

Instructions:

(1) Fill yellow cells only.

(2) Copy values from worksheet Tabla Informe Finanzas, submitted by the Renewable Energy Department, into corresponding renewable facilities.

(3) The values link into the reconciliation worksheet for the computation of the Purchased Power Cost for the month, as well as the computation of the Purchased Power Clause Adjustment.

Summary of Renewable Purchased Power

Jan-20

(as provided by Renewable Energy Department)

(2)

Compañía	Capacidad (MW)	kWh del Periodo	Costo por kWh	Pago por Energía	CERs A Transferir	Costo CERs por kWh	Costo de los CERs	Pago por CERs
Pattern Santa Isabel	75 ⁽¹⁾	5,148,737.250	\$0.1387	\$714,284.32	5,149	\$0.028	\$142,884.75	\$142,884.75
Punta Lima Wind Farm	26		\$0.136680	\$0.00		\$0.025	\$0.00	\$0.00
AES Ilumina	20	2,702,016.500	\$0.1723	\$465,565.55	2,702	\$0.035	\$94,570.00	\$94,542.98
Windmar Cantera Martinó	2.1	282,310.725	\$0.1760	\$49,686.69	282	\$0.035	\$9,870.00	\$9,867.18
San Fermín Solar Farm	20	2,157,621.000	\$0.162	\$349,534.60	2,146	\$0.03500	\$75,110.00	\$75,088.54
Horizon Energy	10	1,503,662.500	\$0.155	\$232,766.96	1,504	\$0.03500	\$52,640.00	\$52,624.96
Lanfill Gas Technologies Fajardo (LFGT)	2.4	233,037.000	\$0.1000	\$23,303.70	233	\$0.00001	\$2.33	\$2.33
Oriana Energy ⁽⁴⁾	50	5,119,313.250	\$0.159	\$813,970.81	5,119	\$0.030	\$153,570.00	\$153,518.81
Windmar Coto Laurel Solar Farm ⁽⁵⁾	10	1,131,577.000	\$0.150	\$169,736.55	1,132	\$0.035	\$39,620.00	\$39,608.68
Humacao Solar Project ⁽⁶⁾	40	3,400,554.500	\$0.150	\$510,083.18	3,401	\$0.025	\$85,025.00	\$84,990.99
Lanfill Gas Technologies Toa Baja (LFGT)	2.4	445,903.000	\$0.100	\$44,590.30	446	\$0.00001	\$4.46	\$4.46

Nota 1: La capacidad contratada de Pattern es 95 MW durante ciertos periodos del año, pero está limitada a 75 MW.

Nota 2: El pago de los CERs a Punta Lima, AES Ilumina, Windmar Cantera Martinó, San Fermín, Horizon Energy, Oriana Energy, Coto Laurel Solar Farm y Humacao Solar Project incluye un descuento por el costo de las

Nota 3: El precio de la energía de Horizon aumentó durante este mes.

Nota 4: El proyecto de Oriana Energy opera a una capacidad limitada.

Nota 5: El proyecto de Coto Laurel Solar Farm se encuentra en etapa de pruebas de MTRs.

Nota 6: El proyecto de Humacao Solar Project se encuentra en etapa de pruebas de MTRs, y opera a una capacidad máxima de 30 MW.

Instructions:

(1) Fill yellow cells only.

(2) Copy values from worksheet Tabla Informe Finanzas, submitted by the Renewable Energy Department, into corresponding renewable facilities.

(3) The values link into the reconciliation worksheet for the computation of the Purchased Power Cost for the month, as well as the computation of the Purchased Power Clause Adjustment.

Summary of Renewable Purchased Power

Jan-20

(as provided by Renewable Energy Department)

(2)

Compañía	Capacidad (MW)	kWh del Periodo	Costo por kWh	Pago por Energía	CERs A Transferir	Costo CERs por kWh	Costo de los CERs	Pago por CERs
Pattern Santa Isabel	75 ⁽¹⁾	13,656,138.013	\$0.1387	\$1,894,516.03	13,656	\$0.028	\$378,954.00	\$378,954.00
Punta Lima Wind Farm	26	0.000	\$0.136680	\$0.00	0	\$0.025	\$0.00	\$0.00
AES Ilumina	20	3,143,426.430	\$0.1723	\$541,621.80	3,143	\$0.035	\$110,005.00	\$109,973.57
Windmar Cantera Martinó	2.1	345,807.165	\$0.176	\$60,862.06	346	\$0.035	\$12,110.00	\$12,106.54
San Fermín Solar Farm	20	2,845,221.022	\$0.162	\$460,925.81	2,830	\$0.03500	\$99,050.00	\$99,021.70
Horizon Energy	10	1,909,639.500	\$0.155	\$295,612.19	1,910	\$0.03500	\$66,850.00	\$66,830.90
Lanfill Gas Technologies Fajardo (LFGT)	2.4	326,672.250	\$0.1000	\$32,667.23	326	\$0.00001	\$3.26	\$3.26
Oriana Energy ⁽⁴⁾	50	6,104,734.511	\$0.159	\$970,652.79	6,105	\$0.030	\$183,150.00	\$183,088.95
Windmar Coto Laurel Solar Farm ⁽⁵⁾	10	1,266,103.000	\$0.150	\$189,915.45	1,266	\$0.035	\$44,310.00	\$44,297.34
Humacao Solar Project ⁽⁶⁾	40	4,768,776.260	\$0.150	\$715,316.44	4,769	\$0.025	\$119,225.00	\$119,177.31
Lanfill Gas Technologies Toa Baja (LFGT)	2.4	410,680.500	\$0.100	\$41,068.05	410	\$0.00001	\$4.10	\$4.10

Nota 1: La capacidad contratada de Pattern es 95 MW durante ciertos periodos del año, pero está limitada a 75 MW.

Nota 2: El pago de los CERs a Punta Lima, AES Ilumina, Windmar Cantera Martinó, San Fermín, Horizon Energy, Oriana Energy, Coto Laurel Solar Farm y Humacao Solar Project incluye un descuento por el costo de las

Nota 3: El precio de la energía de Horizon aumentó durante este mes.

Nota 4: El proyecto de Oriana Energy opera a una capacidad limitada.

Nota 5: El proyecto de Coto Laurel Solar Farm se encuentra en etapa de pruebas de MTRs.

Nota 6: El proyecto de Humacao Solar Project se encuentra en etapa de pruebas de MTRs, y opera a una capacidad máxima de 30 MW.

Instructions:

(1) Fill yellow cells only.

(2) Copy values from worksheet Tabla Informe Finanzas, submitted by the Renewable Energy Department, into corresponding renewable facilities.

(3) The values link into the reconciliation worksheet for the computation of the Purchased Power Cost for the month, as well as the computation of the Purchased Power Clause Adjustment.

Fuel Cost and Consumption

Dec-19

(as provided by Budgeting Department)

PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	78,216.84		\$ 6,198,981.76			
	PROPANE	6.79		323.71			
	LIGHT DESTILLATE	-	78,223.63	-	\$ 6,199,305.47	-	-
SOUTH COAST	NO. 6	168.07		\$ 12,105.97			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	168.07	-	\$ 12,105.97	-	-
PALO SECO	NO. 6	212,630.95		\$ 16,338,550.08			
	PROPANE	91.69		3,409.94			
	LIGHT DESTILLATE	380.15	213,102.79	25,685.31	\$ 16,367,645.33	-	-
AGUIRRE	NO. 6	335,011.51		\$ 26,269,558.24			
	PROPANE	9.12		39.29			
	LIGHT DESTILLATE	-		-			
	ADDITIVE	-	335,020.63	-	\$ 26,269,597.53	-	-
	TOTAL STEAM PLANTS		626,515.12		\$ 48,848,654.30		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE	923.50	923.50	\$ 91,991.96	\$ 91,991.96	-	-
SOUTH COAST TURB	LIGHT DESTILLATE	-	-	-	\$ -	-	-
PALO SECO TURB	LIGHT DESTILLATE	21,604.66	21,604.66	2,072,767.22	2,072,767.22	-	-
AGUIRRE POWER BLOCK	LIGHT DESTILLATE	-	-	-	-	-	-
YABUCOA	LIGHT DESTILLATE	1,030.64	1,030.64	101,897.92	101,897.92	-	-
DAGUAO TURB	LIGHT DESTILLATE	1,858.21	1,858.21	171,539.25	171,539.25	-	-
VEGA BAJA	LIGHT DESTILLATE	-	-	-	-	-	-
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE	683.14	683.14	72,710.79	72,710.79	-	-
VIEQUES	LIGHT DESTILLATE	-	-	-	-	-	-
CULEBRA	LIGHT DESTILLATE	-	-	-	-	-	-
AGUIRRE COMBINED	LIGHT DESTILLATE	58,239.74	58,239.74	5,652,206.14	\$ 5,652,206.14	-	-
CAMBALACHE GAS TURBINES	LIGHT DESTILLATE	2,583.20	2,583.20	250,689.32	\$ 250,689.32	-	-
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE	166,707.95	166,707.95	15,186,673.97	\$ 15,186,673.97	-	-
	TOTAL GAS PLANTS		253,631.04		\$ 23,600,476.57		
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS	678,804.13	678,804.13	\$ 38,445,429.34	\$ 38,445,429.34		
	TOTAL BARREL CONSUMPTION		1,558,950.29				
	TOTAL CONSUMPTION IN \$		\$110,894,560.21				
	NATURAL GAS BARREL CONSUMPTION		678,804.13				

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from months as registered on the Consumo y Generación tab on the fuel consumption report provided by the Budgeting Department.
- (3) Values are used in the determination of fuel cost for the month and the corresponding Fuel Adjustment Clause.

Fuel Cost and Consumption

Jan-20

(as provided by Budgeting Department)

PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	121,679.39		\$ 12,984,386.82			
	PROPANE	30.14		1,355.17			
	LIGHT DESTILLATE	-	121,709.53	-	\$ 12,985,741.99	-	-
SOUTH COAST	NO. 6	-		\$ -			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	-	-	\$ -	-	-
PALO SECO	NO. 6	300,809.97		\$ 25,223,696.44			
	PROPANE	166.55		5,922.03			
	LIGHT DESTILLATE	289.00	301,265.52	27,278.99	\$ 25,256,897.46	-	-
AGUIRRE	NO. 6	282,233.51		\$ 24,037,349.40			
	PROPANE	11.19		48.21			
	LIGHT DESTILLATE	221.70		21,184.02			
	ADDITIVE	-	282,466.40	-	\$ 24,058,581.63	-	-
	TOTAL STEAM PLANTS		705,441.45		\$ 62,301,221.08		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE	43,936.78	43,936.78	4,400,193.69	\$ 4,400,193.69	-	-
SOUTH COAST TURB	LIGHT DESTILLATE	-	-	-	\$ -	-	-
PALO SECO TURB	LIGHT DESTILLATE	136,962.68	136,962.68	12,928,041.86	12,928,041.86	-	-
AGUIRRE POWER BLOCK	LIGHT DESTILLATE	-	-	-	-	-	-
YABUCOA	LIGHT DESTILLATE	14,964.00	14,964.00	1,470,939.96	1,470,939.96	-	-
DAGUAO TURB	LIGHT DESTILLATE	27,745.33	27,745.33	2,557,727.08	2,557,727.08	-	-
VEGA BAJA	LIGHT DESTILLATE	81.33	81.33	7,787.96	7,787.96	-	-
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE	15,519.83	15,519.83	1,386,673.90	1,386,673.90	-	-
VIEQUES	LIGHT DESTILLATE	-	-	-	-	-	-
CULEBRA	LIGHT DESTILLATE	-	-	-	-	-	-
AGUIRRE COMBINED	LIGHT DESTILLATE	277,060.08	277,060.08	26,472,540.64	\$ 26,472,540.64	-	-
CAMBALACHE GAS TURBINES	LIGHT DESTILLATE	118,387.25	118,387.25	11,489,656.33	\$ 11,489,656.33	-	-
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE	234,223.21	234,223.21	20,457,222.87	\$ 20,457,222.87	-	-
	TOTAL GAS PLANTS		868,880.49		\$ 81,170,784.29		
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS	133,881.43	133,881.43	\$ 7,497,031.99	\$ 7,497,031.99		
TOTAL BARREL CONSUMPTION			1,708,203.37				
TOTAL CONSUMPTION IN \$			\$150,969,037.36				
NATURAL GAS BARREL CONSUMPTION			133,881.43				

Instructions:

- (1) Fill yellow cells only.
- (2) Copy values from months as registered on the Consumo y Generación tab on the fuel consumption report provided by the Budgeting Department.
- (3) Values are used in the determination of fuel cost for the month and the corresponding Fuel Adjustment Clause.

Fuel Cost and Consumption

Jan-20

(as provided by Budgeting Department)

PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	164,059.98		\$ 14,957,588.56			
	PROPANE	10.36		465.82			
	LIGHT DESTILLATE	-	164,070.34	-	\$ 14,958,054.38	-	-
SOUTH COAST	NO. 6	-		\$ -			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	-	-	\$ -	-	-
PALO SECO	NO. 6	360,659.86		\$ 29,982,241.32			
	PROPANE	171.50		5,853.80			
	LIGHT DESTILLATE	190.00	361,021.36	16,647.44	\$ 30,004,742.56	-	-
AGUIRRE	NO. 6	258,712.38		\$ 23,722,931.80			
	PROPANE	50.65		248.83			
	LIGHT DESTILLATE	1,256.86		100,857.44			
	ADDITIVE	-	260,019.89	-	\$ 23,824,038.07	-	-
	TOTAL STEAM PLANTS		785,111.59		\$ 68,786,835.01		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE	41,390.46	41,390.46	3,873,557.52	\$ 3,873,557.52	-	-
		-		-			
SOUTH COAST TURB	LIGHT DESTILLATE	-	-	-	\$ -	-	-
PALO SECO TURB	LIGHT DESTILLATE	114,163.57	114,163.57	10,034,775.84	10,034,775.84	-	-
AGUIRRE POWER BLOCK	LIGHT DESTILLATE	6,691.17	6,691.17	526,232.59	526,232.59	-	-
YABUCOA	LIGHT DESTILLATE	6,593.85	6,593.85	613,218.03	613,218.03	-	-
DAGUAO TURB	LIGHT DESTILLATE	14,763.50	14,763.50	1,352,814.78	1,352,814.78	-	-
VEGA BAJA	LIGHT DESTILLATE	6,424.74	6,424.74	598,449.03	598,449.03	-	-
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE	9,809.52	9,809.52	763,955.73	763,955.73	-	-
VIEQUES	LIGHT DESTILLATE	-	-	-	-	-	-
CULEBRA	LIGHT DESTILLATE	-	-	-	-	-	-
		-		-			
AGUIRRE COMBINED	LIGHT DESTILLATE	313,017.76	313,017.76	42,824,768.86	\$ 42,824,768.86	-	-
		-	-	-			
CAMBALACHE GAS TURBINES	LIGHT DESTILLATE	94,041.74	94,041.74	8,303,336.75	\$ 8,303,336.75	-	-
		-		-			
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE	272,069.45	272,069.45	14,255,724.03	\$ 14,255,724.03	-	-
	TOTAL GAS PLANTS		878,965.76		\$ 83,146,833.16		
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS	-	-	\$ 37,823,294.79	\$ 37,823,294.79		
	TOTAL BARREL CONSUMPTION		1,664,077.35				
	TOTAL CONSUMPTION IN \$		\$ 189,756,962.96				
	NATURAL GAS BARREL CONSUMPTION		-				

Instructions:

- (1) Fill yellow cells only.
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- (3) Values are used in the determination of fuel cost for the month and the corresponding Fuel Adjustment Clause.

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BEGINNING BALANCE

NO. 2

NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

RECIBIDO

COMPRADO NO. 2

COMPRADO NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

SAN JUAN		COSTA SUR		PALO SECO		AGUIRRE	
BARRILES	\$	BARRILES	\$	BARRILES	\$	BARRILES	\$
						239,061.44	23,256,844.52
60,137.81	405,309.67	513,005.64	34,013,998.46	164,390.32	12,402,283.61	401,049.54	27,512,811.91
160.78	7,665.26	24.55	1,243.46	192.54	7,144.21	3,148.61	13,078.10
60,298.59	\$ 412,974.93	513,030.19	\$ 34,015,241.92	164,582.86	\$ 12,409,427.82	643,259.59	\$ 50,782,734.53
						174,514.82	16,118,953.16
40,049.41	3,116,713.17			160,064.79	13,483,690.81	267,081.09	23,399,243.14
				71.81	2,686.97	14.24	548.57
		678,804.13	38,445,429.34				
40,049.41	\$ 3,116,713.17	678,804.13	\$ 38,445,429.34	160,136.60	\$ 13,486,377.78	441,610.15	\$ 39,518,744.87

PUERTO RICO ELECTRIC POWER AUTHORITY
FUEL OIL CONSUMPTION REPORT
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	BARRELS	COST PER BARREL	AMOUNT
BEGINNING BALANCE	2,035,432.85		\$ 184,013,936.68
ADJUSTMENTS	2,482.15 *		\$ 4,064,398.33 *
INTEREST			
FUEL HEDGE			
MISC. SERVICES & INSPECTION FEES			\$ 245,546.42
EXCISE TAXES			\$ 992,084.38
RECEIPTS			
STEAM & GAS	855,613.13	\$ 88.61	\$ 75,812,081.75
NATURAL GAS	678,804.13	\$ 56.64	\$ 38,445,429.34
TOTAL RECEIPTS	1,534,417.25	\$ 74.46	\$ 114,257,511.09
SUBTOTAL	3,572,332.25	\$ 84.98	\$ 303,573,476.90
CONSUMPTION			
STEAM & GAS	880,146.16		\$ 72,449,130.87
NATURAL GAS	678,804.13		\$ 38,445,429.34
ADJ. TO CONSUMPTION	-		\$ -
TOTAL RECEIPTS	1,558,950.29	\$ 71.13	\$ 110,894,560.21
ENDING BALANCE	2,013,381.96	\$ 95.70	\$ 192,678,916.69

PUERTO RICO ELECTRIC POWER AUTHORITY
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SAN JUAN STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	60,137.81	405,309.67	160.78	7,665.26			60,298.59	412,974.93
ADJUSTMENT	2,010.48	4,017,826.26	-	-	-	-	2,010.48	4,017,826.26
RECEIPTS	40,049.41	3,116,713.17	-	-			40,049.41	3,116,713.17
INTEREST							-	-
MISC. SERV.& INSP FEES		53,731.73					-	53,731.73
EXCISE TAXES		12,516.91		-			-	12,516.91
TRANSFER IN	-	-	-	-	-	-	-	-
SUBTOTAL	102,197.70	7,606,097.74	160.78	7,665.26	-	-	102,358.48	7,613,763.00
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	78,216.84	6,198,981.76	6.79	323.71			78,223.63	6,199,305.47
CAPITAL EXPENDITURE							-	-
ADJUSTMENT	-	-	-	-			-	-
ENDING BALANCE	23,980.86	1,407,115.98	153.99	7,341.55	-	-	24,134.85	1,414,457.53

6,199,305.47

PRICE PER BARREL	74.43	47.67	-
BEG. PRICE PER BARREL	6.74	47.67	-
ENDING PRICE PER BARREL	58.68	47.67	-
PRICE PER BARREL ASSET SUITE	79.25		-

PALO SECO STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	164,390.32	12,402,283.61	192.54	7,144.21			164,582.86	12,409,427.82
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	160,064.79	13,483,690.81	71.81	2,686.97			160,136.60	13,486,377.78
INTEREST							-	-
MISC. SERV.& INSP FEES		11,673.75					-	11,673.75
EXCISE TAXES		54,151.31		-			-	54,151.31
TRANSFER IN	-	-	-	-	380.15	25,685.31	380.15	25,685.31
SUBTOTAL	324,455.11	25,951,799.47	264.35	9,831.18	380.15	25,685.31	325,099.61	25,987,315.97
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	212,630.95	16,338,550.08	91.69	3,409.94	380.15	25,685.31	213,102.79	16,367,645.33
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	111,824.16	9,613,249.39	172.66	6,421.24	-	-	111,996.82	9,619,670.63

16,367,645.33

PRICE PER BARREL	79.99	37.19	67.57
ENDING PRICE PER BARREL	85.97	37.19	-
PRICE PER BARREL ASSET SUITE	76.84		67.57

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SOUTH COAST STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	513,005.64	34,013,998.46	24.55	1,243.46			513,030.19	34,015,241.92
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	-	-	-	-			-	-
INTEREST							-	-
MISC. SERV.& INSP FEES		-					-	-
EXCISE TAXES		-		-			-	-
TRANSFER IN	-	-	-	-	-	-	-	-
SUBTOTAL	513,005.64	34,013,998.46	24.55	1,243.46	-	-	513,030.19	34,015,241.92
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	168.07	12,105.97	-	-	-	-	168.07	12,105.97
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	512,837.57	34,001,892.49	24.55	1,243.46	-	-	512,862.12	34,003,135.95

PRICE PER BARREL	66.30	50.65	-
BEG. PRICE PER BARREL	66.30	50.65	-
ENDING PRICE PER BARREL	66.30	50.65	-
PRICE PER BARREL ASSET SUITE	72.03		-

AGUIRRE STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		CHES&CO ADDITIVES		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	401,049.54	27,512,811.91	3,148.61	13,078.10	239,061.44	23,256,844.52			643,259.59	50,782,734.53
ADJUSTMENT	-	-	-	-	-	-			-	-
RECEIPTS	267,081.09	23,399,243.14	14.24	548.57	174,514.82	16,118,953.16			441,610.15	39,518,744.87
INTEREST									-	-
MISC. SERV.& INSP FEES		205,237.14				-			-	205,237.14
EXCISE TAXES		93,972.77		-		373,779.66			-	467,752.43
TRANSFER IN	-	-	-	-	-	-			-	-
SUBTOTAL	668,130.63	51,211,264.96	3,162.85	13,626.68	413,576.26	39,749,577.34	-	-	1,084,869.74	90,974,468.98
TRANSFERS OUT	-	-	-	-	47,389.55	4,599,187.86			47,389.55	4,599,187.86
CONSUMPTION	335,011.51	26,269,558.24	9.12	39.29	-	-			335,020.63	26,269,597.53
ADJUSTMENT	-	-	-	-	-	-			-	-
ENDING BALANCE	333,119.12	24,941,706.72	3,153.73	13,587.39	366,186.71	35,150,389.48	-	-	702,459.56	60,105,683.58

PRICE PER BARREL	76.65	4.31	96.11	-
BEG. PRICE PER BARREL	68.60	4.15	97.28	-
PRICE PER BARREL ASSET SUITE	78.41		-	-

PUERTO RICO ELECTRIC POWER AUTHORITY
FUEL OIL CONSUMPTION REPORT
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GAS PLANTS	MAYAGUEZ SPECIAL CYCLE		SOUCO TURB-LIGHT DEST		PALO SECO TURB-LIGHT DEST		AGUIRRE POWER BLOCK-LIGHT DEST		YABUCOA POWER BLOCK-LIGHT		SUBTOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	89,771.24	8,538,813.53	3,716.24	300,163.42	20,037.32	3,608,813.28	9,118.85	802,851.91	16,272.09	2,020,555.50	138,915.74	15,271,197.64
ADJUSTMENT	-	-	-	-	-	-	-	-	-	-	-	-
RECEIPTS	-	-	-	-	25,641.62	2,388,657.45	-	-	708.35	64,501.59	26,349.97	2,453,159.04
INTEREST											-	-
MISC. SERV.& INSP FEES		-		-		-		-		-	-	-
EXCISE TAXES		-		-		55,021.21		-		1,512.53	-	56,533.74
TRANSFER IN	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	89,771.24	8,538,813.53	3,716.24	300,163.42	45,678.94	6,052,491.94	9,118.85	802,851.91	16,980.44	2,086,569.62	165,265.71	17,780,890.42
TRANSFERS-OUT	-	-	-	-	380.15	25,685.31	-	-	-	-	380.15	25,685.31
CONSUMPTION	923.50	91,991.96	-	-	21,604.66	2,072,767.22	-	-	1,030.64	101,897.92	23,558.80	2,266,657.10
CAPITAL EXPENDITURE											-	-
ADJUSTMENT	-	-	-	-	-	-	-	-	-	-	-	-
ENDING BALANCE	88,847.74	8,446,821.57	3,716.24	300,163.42	23,694.13	3,954,039.41	9,118.85	802,851.91	15,949.80	1,984,671.70	141,326.76	15,488,548.01

PRICE PER BARREL	95.12	80.77	132.50	88.04	122.88
BEG. PRICE PER BARREL	95.12	80.77	180.10	88.04	124.17
ENDING PRICE PER BARREL	95.07	80.77	166.88	88.04	124.43
PRICE PER BARREL ASSET SUITE	99.61	-	95.94	-	98.87

GAS PLANTS	VEGA BAJA-LIGHT DEST		JOBOS TURB- LIGHT DEST		DAGUAO TURB-LIGHT DEST		VIEQUES		CULEBRA		TOTAL TURBINES	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	7,314.30	833,618.64	10,759.29	743,201.34	14,365.27	1,513,025.63	7,001.26	608,420.57	226.58	19,646.61	178,582.43	18,989,110.43
ADJUSTMENTS	-	-	-	-	471.67	46,572.07	-	-	-	-	471.67	46,572.07
RECEIPTS	-	-	944.59	86,056.48	1,887.47	170,714.33	-	-	-	-	29,182.03	2,709,929.85
INTEREST											-	-
MISC. SERV.& INSP FEES		-		-		-		-		-	-	-
EXCISE TAXES		-		2,017.19		4,024.53		-		-	-	62,575.46
TRANSFER IN	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	7,314.30	833,618.64	11,703.88	831,275.01	16,724.41	1,734,336.56	7,001.26	608,420.57	226.58	19,646.61	208,236.13	21,808,187.81
TRANSFER-OUT	-	-	-	-	-	-	-	-	-	-	380.15	25,685.31
CONSUMPTION	-	-	683.14	72,710.79	1,858.21	171,539.25	-	-	-	-	26,100.15	2,510,907.14
ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-	-
ENDING BALANCE	7,314.30	833,618.64	11,020.74	758,564.22	14,866.20	1,562,797.31	7,001.26	608,420.57	226.58	19,646.61	181,755.83	19,271,595.36

PRICE PER BARREL	113.97	71.03	103.70	86.90	86.71
ENDING PRICE PER BARREL	113.97	68.83	105.12	86.90	86.71
PRICE PER BARREL ASSET SUITE	-	106.44	92.31	-	-

PUERTO RICO ELECTRIC POWER AUTHORITY
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AGUIRRE COMBINED CYCLE	LIGHT DESTILLATE		ADDITIVE		TOTAL		CORCO - NO. 6		CORCO - NO. 2		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	37,249.08	22,048,436.09			37,249.08	22,048,436.09	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
ADJUSTMENT	-	-			-	-	-	-	-	-	-	-
RECEIPTS	-	-			-	-	-	-	-	-	-	-
INTEREST					-	-					-	-
MISC. SERV.& INSP FEES		(30,000.00)			-	(30,000.00)		-		-	-	-
EXCISE TAXES		-			-	-		-		-	-	-
TRANSFER IN	47,389.55	4,599,187.86	-	-	47,389.55	4,599,187.86	-	-	-	-	-	-
SUBTOTAL	84,638.63	26,617,623.95	-	-	84,638.63	26,617,623.95	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
TRANSFERS-OUT	-	-			-	-	-	-	-	-	-	-
CONSUMPTION	58,239.74	5,652,206.14			58,239.74	5,652,206.14	-	-	-	-	-	-
ADJUSTMENT	-	-			-	-	-	-	-	-	-	-
ENDING BALANCE	26,398.89	20,965,417.81	-	-	26,398.89	20,965,417.81	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65

PRICE PER BARREL	314.49	-	69.31	115.76
BEG. PRICE PER BARREL	591.92	-	69.31	115.76
ENDING PRICE PER BARREL	794.18	-	69.31	115.76
PRICE PER BARREL ASSET SUITE	97.05		-	-

CAMBALACHE GAS TURBINES	LIGHT DESTILLATE		PROPANE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	158,384.44	14,791,277.71	-	-	158,384.44	14,791,277.71
ADJUSTMENT	-	-			-	-
RECEIPTS	-	-			-	-
INTEREST					-	-
MISC. SERV.& INSP FEES		4,903.80				4,903.80
EXCISE TAXES		-			-	-
TRANSFER IN	-	-			-	-
SUBTOTAL	158,384.44	14,796,181.51	-	-	158,384.44	14,796,181.51
TRANSFERS-OUT	-	-			-	-
CONSUMPTION	2,583.20	250,689.32			2,583.20	250,689.32
ADJUSTMENT	-	-			-	-
ENDING BALANCE	155,801.24	14,545,492.19	-	-	155,801.24	14,545,492.19

PRICE PER BARREL	93.42	-
BEG. PRICE PER BARREL	93.39	-
PRICE PER BARREL ASSET SUITE	97.05	

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SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		PROPANE		TOTAL						TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	39,030.04	13,802,306.60	-	-	39,030.04	13,802,306.60					-	-
ADJUSTMENT	-	-			-	-					-	-
RECEIPTS	184,634.94	16,980,316.08	-	-	184,634.94	16,980,316.08					-	-
INTEREST				-	-	-					-	-
MISC. SERV.& INSP FEES		-			-	-					-	-
EXCISE TAXES		395,088.27		-	-	395,088.27					-	-
TRANSFER IN	-	-	-	-	-	-					-	-
SUBTOTAL	223,664.98	31,177,710.95	-	-	223,664.98	31,177,710.95					-	-
TRANSFERS-OUT	-	-	-	-	-	-					-	-
CONSUMPTION	166,707.95	15,186,673.97	-	-	166,707.95	15,186,673.97					-	-
CAPITAL EXPENDITURE					-	-					-	-
ADJUSTMENT	-	-			-	-					-	-
ENDING BALANCE	56,957.03	15,991,036.98	-	-	56,957.03	15,991,036.98	-	-	-	-	-	-

PRICE PER BARREL	139.39	-	-	-
BEG. PRICE PER BARREL	353.63	-	-	-
ENDING PRICE PER BARREL	280.76	-	-	-
PRICE PER BARREL ASSET SUITE	91.10	-	-	-

NATURAL GAS	SOUTH COAST NG											
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL											-	-
ADJUSTMENT	-	-									-	-
RECEIPTS	678,804.13	38,445,429.34									678,804.13	38,445,429.34
INTEREST											-	-
MISC. SERV.& INSP FEES											-	-
EXCISE TAXES		-									-	-
TRANSFER IN	-	-									-	-
SUBTOTAL	678,804.13	38,445,429.34	-	-	-	-	-	-	-	-	678,804.13	38,445,429.34
TRANSFERS-OUT	-	-									-	-
CONSUMPTION	678,804.13	38,445,429.34									678,804.13	38,445,429.34
ADJUSTMENT	-	-									-	-
ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-	-

PRICE PER BARREL	56.64	-	-	-
BEG. PRICE PER BARREL	-	-	-	-

Fuel purchased on April 2018 not informed until May-18

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PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	78,216.84		\$ 6,198,981.76			
	PROPANE	6.79		323.71			
	LIGHT DESTILLATE	-	78,223.63	-	\$ 6,199,305.47	44,914,000	574.17
SOUTH COAST	NO. 6	168.07		12,105.97			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	168.07	-	12,105.97	391,020,000	2,326,530.61
PALO SECO	NO. 6	#####		16,338,550.08			
	PROPANE	91.69		3,409.94			
	LIGHT DESTILLATE	380.15	213,102.79	25,685.31	16,367,645.33	127,217,000	596.97
AGUIRRE	NO. 6	#####		26,269,558.24			
	PROPANE	9.12		39.29			
	LIGHT DESTILLATE	-		-			
	ADDITIVE	-	335,020.63	-	26,269,597.53	209,135,000	624.25
	TOTAL STEAM PLANTS		626,515.12		\$ 48,848,654.30		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE		923.50	\$ 91,991.96	\$ 91,991.96	491,000	531.67
SOUTH COAST TURB	LIGHT DESTILLATE		-	-	-	-	-
PALO SECO TURB	LIGHT DESTILLATE		21,604.66	2,072,767.22	2,072,767.22	8,318,000	385.01
AGUIRRE POWER BLOCK	LIGHT DESTILLATE		-	-	-	-	-
YABUCOA	LIGHT DESTILLATE		1,030.64	101,897.92	101,897.92	393,000	381.32
DAGUAO TURB	LIGHT DESTILLATE		1,858.21	171,539.25	171,539.25	748,000	402.54
VEGA BAJA	LIGHT DESTILLATE		-	-	-	-	-
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE		683.14	72,710.79	72,710.79	252,300	369.32
VIEQUES	LIGHT DESTILLATE		-	-	-	-	-
CULEBRA	LIGHT DESTILLATE		-	-	-	-	-
AGUIRRE COMBINED	LIGHT DESTILLATE		58,239.74	5,652,206.14	5,652,206.14	24,206,000	415.63
CAMBALACHE GAS TURBINE	LIGHT DESTILLATE		2,583.20	250,689.32	250,689.32	1,178,000	456.02
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		166,707.95	15,186,673.97	15,186,673.97	121,411,000	
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS		678,804.13		\$ 38,445,429.34		
	TOTAL ALL PLANTS		#####		\$ 110,894,560.21		

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TRANSFERS - BY PLANT
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KIND OF FUEL	PLANT	TRANSFERS OUT		TRANSFERS IN	
		BARRELS	AMOUNT	BARRELS	AMOUNT
STEAM					

NO. 6	SAN JUAN	-	\$ -	-	\$ -
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	SOUTH COAST	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	PALO SECO	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	380.15	25,685.31
NO. 6	AGUIRRE	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		47,389.55	4,599,187.86	-	-
ADDITIVE					
TOTAL STEAM PLANTS		47,389.55	\$ 4,599,187.86	380.15	\$ 25,685.31
GAS					

LIGHT DESTILLATE	MAYAGUEZ	-	\$ -	-	\$ -
LIGHT DESTILLATE	SOUTH COAST TURB	-	-	-	-
LIGHT DESTILLATE	PALO SECO TURB	380.15	25,685.31	-	-
LIGHT DESTILLATE	AGUIRRE POWER BLOCK	-	-	-	-
LIGHT DESTILLATE	YABUCOA	-	-	-	-
LIGHT DESTILLATE	DAGUAO TURB	-	-	-	-
LIGHT DESTILLATE	VEGA BAJA	-	-	-	-
LIGHT DESTILLATE	JOBOS (GUAYAMA) TURB	-	-	-	-
DIESEL	VIEQUES	-	-	-	-
DIESEL	CULEBRA	-	-	-	-
LIGHT DESTILLATE	AGUIRRE COMBINED	-	-	47,389.55	4,599,187.86
ADDITIVE	AGUIRRE COMBINED				
LIGHT DESTILLATE	CAMBALACHE GAS TURBINES	-	-	-	-
ADDITIVE	CAMBALACHE GAS TURBINES				
LIGHT DESTILLATE	SAN JUAN COMBINED CYCLE	-	-	-	-
TOTAL GAS PLANTS		380.15	\$ 25,685.31	47,389.55	\$ 4,599,187.86
OTHER					

NO. 6	CORCO	-	\$ -	-	\$ -
LIGHT DESTILLATE	CORCO	-	-	-	-

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TOTAL ALL PLANTS	47,769.70	\$ 4,624,873.18	47,769.70	\$ 4,624,873.18
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BEGINNING BALANCE

NO. 2

NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

RECIBIDO

COMPRADO NO. 2

COMPRADO NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

SAN JUAN		COSTA SUR		PALO SECO		AGUIRRE	
BARRILES	\$	BARRILES	\$	BARRILES	\$	BARRILES	\$
						366,186.71	35,150,389.48
23,980.86	1,407,115.98	512,837.57	34,001,892.49	111,824.16	9,613,249.39	333,119.12	24,941,706.72
153.99	7,341.55	24.55	1,243.46	172.66	6,421.24	3,153.73	13,587.39
24,134.85	\$ 1,414,457.53	512,862.12	\$ 34,003,135.95	111,996.82	\$ 9,619,670.63	702,459.56	\$ 60,105,683.58
						106,954.04	8,676,868.51
126,782.62	10,624,638.37			304,070.77	26,219,805.21	400,457.39	35,668,619.71
40.50	1,403.33			127.86	4,264.40		
		133,881.43	7,497,031.99				
126,823.12	\$ 10,626,041.70	133,881.43	\$ 7,497,031.99	304,198.63	\$ 26,224,069.61	507,411.43	\$ 44,345,488.22

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	BARRELS	COST PER BARREL	AMOUNT
BEGINNING BALANCE	2,013,381.96		\$ 185,544,791.41
ADJUSTMENTS	- *		\$ - *
INTEREST			
FUEL HEDGE			
MISC. SERVICES & INSPECTION FEES			\$ 226,295.87
EXCISE TAXES			\$ 1,260,148.54
RECEIPTS			
STEAM & GAS	1,341,787.71	\$ 86.08	\$ 115,497,331.78
NATURAL GAS	133,881.43	\$ 56.00	\$ 7,497,031.99
TOTAL RECEIPTS	1,475,669.14	\$ 83.35	\$ 122,994,363.77
SUBTOTAL	3,489,051.10	\$ 88.86	\$ 310,025,599.58
CONSUMPTION			
STEAM & GAS	1,574,321.94		\$ 143,471,733.26
NATURAL GAS	133,881.43		\$ 7,497,031.99
ADJ. TO CONSUMPTION	-		\$ 272.11
TOTAL RECEIPTS	1,708,203.37	\$ 88.38	\$ 150,969,037.36
ENDING BALANCE	1,780,847.73	\$ 89.32	\$ 159,056,562.22

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SAN JUAN STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL	23,980.86	1,407,115.98	153.99	7,341.55			24,134.85	1,414,457.53
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	126,782.62	10,624,638.37	40.50	1,403.33			126,823.12	10,626,041.70
INTEREST							-	-
MISC. SERV.& INSP FEES		33,946.25					-	33,946.25
EXCISE TAXES		22,470.14		-			-	22,470.14
TRANSFER IN	30,168.80	2,528,302.98	-	-	-	-	30,168.80	2,528,302.98
SUBTOTAL	180,932.28	14,616,473.72	194.49	8,744.88	-	-	181,126.77	14,625,218.60
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	121,679.39	12,984,386.82	30.14	1,355.17			121,709.53	12,985,741.99
CAPITAL EXPENDITURE							-	-
ADJUSTMENT	-	-	-	-			-	-
ENDING BALANCE	59,252.89	1,632,086.90	164.35	7,389.71	-	-	59,417.24	1,639,476.61

12,985,741.99

PRICE PER BARREL	80.78	44.96	-
BEG. PRICE PER BARREL	58.68	47.67	-
ENDING PRICE PER BARREL	27.54	44.96	-
PRICE PER BARREL ASSET SUITE	106.71		-

PALO SECO STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL	111,824.16	9,613,249.39	172.66	6,421.24			111,996.82	9,619,670.63
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	304,070.77	26,219,805.21	127.86	4,264.40			304,198.63	26,224,069.61
INTEREST							-	-
MISC. SERV.& INSP FEES		4,056.75					-	4,056.75
EXCISE TAXES		22,288.37		-			-	22,288.37
TRANSFER IN	-	-	-	-	289.00	27,278.99	289.00	27,278.99
SUBTOTAL	415,894.93	35,859,399.73	300.52	10,685.64	289.00	27,278.99	416,484.45	35,897,364.36
TRANSFERS OUT	30,168.80	2,528,302.98	-	-			30,168.80	2,528,302.98
CONSUMPTION	300,809.97	25,223,696.44	166.55	5,922.03	289.00	27,278.99	301,265.52	25,256,897.46
							-	-
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	84,916.16	8,107,400.30	133.97	4,763.61	-	-	85,050.13	8,112,163.91

6,495,870.14

18,761,027.32

PRICE PER BARREL	86.22	35.56	94.39
ENDING PRICE PER BARREL	95.48	35.56	-
PRICE PER BARREL ASSET SUITE	83.85		94.39

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SOUTH COAST STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL	512,837.57	34,001,892.49	24.55	1,243.46			512,862.12	34,003,135.95
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	-	-	-	-			-	-
INTEREST							-	-
MISC. SERV.& INSP FEES		-					-	-
EXCISE TAXES		-		-			-	-
TRANSFER IN	-	-	-	-	-	-	-	-
SUBTOTAL	512,837.57	34,001,892.49	24.55	1,243.46	-	-	512,862.12	34,003,135.95
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	-	-	-	-	-	-	-	-
							-	-
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	512,837.57	34,001,892.49	24.55	1,243.46	-	-	512,862.12	34,003,135.95

PRICE PER BARREL	66.30	50.65	-
BEG. PRICE PER BARREL	66.30	50.65	-
ENDING PRICE PER BARREL	66.30	50.65	-
PRICE PER BARREL ASSET SUITE	-		-

AGUIRRE STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		CHES&CO ADDITIVES		TOTAL	
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL	333,119.12	24,941,706.72	3,153.73	13,587.39	366,186.71	35,150,389.48			702,459.56	60,105,683.58
ADJUSTMENT	-	-	-	-	-	-			-	-
RECEIPTS	400,457.39	35,668,619.71	-	-	106,954.04	8,676,868.51			507,411.43	44,345,488.22
INTEREST									-	-
MISC. SERV.& INSP FEES		217,503.87				-			-	217,503.87
EXCISE TAXES		143,247.31		-		223,067.12			-	366,314.43
TRANSFER IN	-	-	-	-	-	-			-	-
SUBTOTAL	733,576.51	60,971,077.61	3,153.73	13,587.39	473,140.75	44,050,325.11	-	-	1,209,870.99	105,034,990.10
TRANSFERS OUT	-	-	-	-	279,331.56	26,690,871.07			279,331.56	26,690,871.07
CONSUMPTION	282,233.51	24,037,349.40	11.19	48.21	221.70	21,184.02			282,466.40	24,058,581.63
									-	-
ADJUSTMENT	-	-	-	-	-	-			-	-
ENDING BALANCE	451,343.00	36,933,728.21	3,142.54	13,539.18	193,587.49	17,338,270.02	-	-	648,073.03	54,285,537.41

PRICE PER BARREL	83.11	4.31	93.10	-
BEG. PRICE PER BARREL	74.87	4.31	95.99	-
PRICE PER BARREL ASSET SUITE	85.17		95.55	-

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GAS PLANTS	MAYAGUEZ SPECIAL CYCLE		SOUCO TURB-LIGHT DEST		PALO SECO TURB-LIGHT DEST		AGUIRRE POWER BLOCK-LIGHT DEST		YABUCOA POWER BLOCK-LIGHT		SUBTOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	88,847.74	8,446,821.57	3,716.24	300,163.42	23,694.13	3,954,039.41	9,118.85	802,851.91	15,949.80	1,984,671.70	141,326.76	15,488,548.01
ADJUSTMENT	-	-	-	-	-	-	-	-	-	-	-	-
RECEIPTS	-	-	-	-	126,177.34	10,746,798.37	-	-	13,254.49	1,137,927.98	139,431.83	11,884,726.35
INTEREST											-	-
MISC. SERV.& INSP FEES		-		-		-		-		-	-	-
EXCISE TAXES		-		-		265,711.92		-		27,957.17	-	293,669.09
TRANSFER IN	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	88,847.74	8,446,821.57	3,716.24	300,163.42	149,871.47	14,966,549.70	9,118.85	802,851.91	29,204.29	3,150,556.85	280,758.59	27,666,943.45
TRANSFERS-OUT	-	-	-	-	289.00	27,278.99	-	-	-	-	289.00	27,278.99
CONSUMPTION	43,936.78	4,400,193.69	-	-	136,962.68	12,928,041.86	-	-	14,964.00	1,470,667.85	195,863.46	18,798,903.40
CAPITAL EXPENDITURE											-	-
ADJUSTMENT	-	-	-	-	-	-	-	-	-	272.11	-	272.11
ENDING BALANCE	44,910.96	4,046,627.88	3,716.24	300,163.42	12,619.79	2,011,228.84	9,118.85	802,851.91	14,240.29	1,679,616.89	84,606.13	8,840,488.94

PRICE PER BARREL	95.07	80.77	99.86	88.04	107.88
BEG. PRICE PER BARREL	95.07	80.77	166.88	88.04	124.43
ENDING PRICE PER BARREL	90.10	80.77	159.37	88.04	117.95
PRICE PER BARREL ASSET SUITE	100.15	-	94.39	-	98.28

GAS PLANTS	VEGA BAJA-LIGHT DEST		JOBOS TURB- LIGHT DEST		DAGUAO TURB-LIGHT DEST		VIEQUES		CULEBRA		TOTAL TURBINES	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	7,314.30	833,618.64	11,020.74	758,564.22	14,866.20	1,562,797.31	7,001.26	608,420.57	226.58	19,646.61	181,755.83	19,271,595.36
ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-	-
RECEIPTS	-	-	13,499.12	1,155,202.23	25,796.43	2,220,443.01	-	-	142.86	13,247.40	178,870.24	15,273,618.99
INTEREST											-	-
MISC. SERV.& INSP FEES		-		-		-		-		789.00	-	789.00
EXCISE TAXES		-		28,454.53		54,440.21		237.61		-	-	376,801.44
TRANSFER IN	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	7,314.30	833,618.64	24,519.86	1,942,220.98	40,662.63	3,837,680.53	7,001.26	608,658.18	369.44	33,683.01	360,626.07	34,922,804.79
TRANSFER-OUT	-	-	-	-	-	-	-	-	-	-	289.00	27,278.99
CONSUMPTION	81.33	7,787.96	15,519.83	1,386,673.90	27,745.33	2,557,727.08	-	-	-	-	239,209.95	22,751,092.34
											-	-
ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-	272.11
ENDING BALANCE	7,232.97	825,830.68	9,000.03	555,547.08	12,917.30	1,279,953.45	7,001.26	608,658.18	369.44	33,683.01	121,127.12	12,144,433.45

PRICE PER BARREL	113.97	79.21	94.38	86.94	91.17
ENDING PRICE PER BARREL	114.18	61.73	99.09	86.94	91.17
PRICE PER BARREL ASSET SUITE	95.76	89.35	92.19	-	-

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AGUIRRE COMBINED CYCLE	LIGHT DESTILLATE		ADDITIVE		TOTAL		CORCO - NO. 6		CORCO - NO. 2		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	26,398.89	20,965,417.81			26,398.89	20,965,417.81	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
ADJUSTMENT	-	-			-	-	-	-	-	-	-	-
RECEIPTS	-	-			-	-	-	-	-	-	-	-
INTEREST					-	-					-	-
MISC. SERV.& INSP FEES		(30,000.00)			-	(30,000.00)		-		-	-	-
EXCISE TAXES		-			-	-		-		-	-	-
TRANSFER IN	279,331.56	26,690,871.07	-	-	279,331.56	26,690,871.07	-	-	-	-	-	-
SUBTOTAL	305,730.45	47,626,288.88	-	-	305,730.45	47,626,288.88	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
TRANSFERS-OUT	-	-			-	-	-	-	-	-	-	-
CONSUMPTION	277,060.08	26,472,540.64			277,060.08	26,472,540.64	-	-	-	-	-	-
					-	-					-	-
ADJUSTMENT	-	-			-	-	-	-	-	-	-	-
ENDING BALANCE	28,670.37	21,153,748.24	-	-	28,670.37	21,153,748.24	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65

PRICE PER BARREL	155.78	-	69.31	115.76
BEG. PRICE PER BARREL	794.18	-	69.31	115.76
ENDING PRICE PER BARREL	737.83	-	69.31	115.76
PRICE PER BARREL ASSET SUITE	95.55		-	-

CAMBALACHE GAS TURBINES	LIGHT DESTILLATE		PROPANE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	155,801.24	14,545,492.19	-	-	155,801.24	14,545,492.19
ADJUSTMENT	-	-			-	-
RECEIPTS	9,473.10	743,689.96			9,473.10	743,689.96
INTEREST					-	-
MISC. SERV.& INSP FEES		-				-
EXCISE TAXES		19,633.26			-	19,633.26
TRANSFER IN	-	-			-	-
SUBTOTAL	165,274.34	15,308,815.41	-	-	165,274.34	15,308,815.41
TRANSFERS-OUT	-	-			-	-
CONSUMPTION	118,387.25	11,489,656.33			118,387.25	11,489,656.33
ADJUSTMENT	-	-			-	-
ENDING BALANCE	46,887.09	3,819,159.08	-	-	46,887.09	3,819,159.08

PRICE PER BARREL	92.63	-
BEG. PRICE PER BARREL	93.36	-
PRICE PER BARREL ASSET SUITE	97.05	

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SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		PROPANE		TOTAL						TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	56,957.03	8,856,911.70	-	-	56,957.03	8,856,911.70					-	-
ADJUSTMENT	-	-			-	-					-	-
RECEIPTS	215,011.19	18,284,423.30	-	-	215,011.19	18,284,423.30					-	-
INTEREST				-	-	-					-	-
MISC. SERV.& INSP FEES		-				-					-	-
EXCISE TAXES		452,640.90		-	-	452,640.90					-	-
TRANSFER IN	-	-	-	-	-	-					-	-
SUBTOTAL	271,968.22	27,593,975.90	-	-	271,968.22	27,593,975.90					-	-
TRANSFERS-OUT	-	-	-	-	-	-					-	-
CONSUMPTION	234,223.21	20,457,222.87	-	-	234,223.21	20,457,222.87					-	-
CAPITAL EXPENDITURE					-	-					-	-
ADJUSTMENT	-	-			-	-					-	-
ENDING BALANCE	37,745.01	7,136,753.03	-	-	37,745.01	7,136,753.03	-	-	-	-	-	-

PRICE PER BARREL	101.46	-	-	-
BEG. PRICE PER BARREL	155.50	-	-	-
ENDING PRICE PER BARREL	189.08	-	-	-
PRICE PER BARREL ASSET SUITE	87.34		-	-

NATURAL GAS	SOUTH COAST NG											
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL											-	-
ADJUSTMENT	-	-									-	-
RECEIPTS	133,881.43	7,497,031.99									133,881.43	7,497,031.99
INTEREST											-	-
MISC. SERV.& INSP FEES											-	-
EXCISE TAXES		-									-	-
TRANSFER IN	-	-									-	-
SUBTOTAL	133,881.43	7,497,031.99	-	-	-	-	-	-	-	-	133,881.43	7,497,031.99
TRANSFERS-OUT	-	-									-	-
CONSUMPTION	133,881.43	7,497,031.99									133,881.43	7,497,031.99
											-	-
ADJUSTMENT	-	-									-	-
ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-	-

PRICE PER BARREL	56.00	-	-	-	-
BEG. PRICE PER BARREL	-	-	-	-	-

Fuel purchased on April 2018 not informed until May-18

QUARTER RECONCILIATION FILE DEC19-JAN-FEB20 (VALUES ONLY) - Public Version FUEL OIL CONSUMPTION REPORT
 SUMMARY BY PLANT - CONSUMPTION
 AUGUST 31, 2019

PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	#####		\$ 12,984,386.82			
	PROPANE	30.14		1,355.17			
	LIGHT DESTILLATE	-	121,709.53	-	\$ 12,985,741.99	70,421,000	578.60
SOUTH COAST	NO. 6	-		-			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	-	-	-	75,150,000	-
PALO SECO	NO. 6	#####		25,223,696.44			
	PROPANE	166.55		5,922.03			
	LIGHT DESTILLATE	289.00	301,265.52	27,278.99	25,256,897.46	183,826,000	610.18
AGUIRRE	NO. 6	#####		24,037,349.40			
	PROPANE	11.19		48.21			
	LIGHT DESTILLATE	221.70		21,184.02			
	ADDITIVE		282,466.40		24,058,581.63	173,240,000	613.31
TOTAL STEAM PLANTS			705,441.45		\$ 62,301,221.08		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE		43,936.78	\$ 4,400,193.69	\$ 4,400,193.69	22,976,000	522.93
SOUTH COAST TURB	LIGHT DESTILLATE		-	-	-	-	-
PALO SECO TURB	LIGHT DESTILLATE		136,962.68	12,928,041.86	12,928,041.86	61,993,000	452.63
AGUIRRE POWER BLOCK	LIGHT DESTILLATE		-	-	-	-	-
YABUCOA	LIGHT DESTILLATE		14,964.00	1,470,939.96	1,470,939.96	5,885,000	393.28
DAGUAO TURB	LIGHT DESTILLATE		27,745.33	2,557,727.08	2,557,727.08	10,020,000	361.14
VEGA BAJA	LIGHT DESTILLATE		81.33	7,787.96	7,787.96	14,000	172.14
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE		15,519.83	1,386,673.90	1,386,673.90	277,000	17.85
VIEQUES	LIGHT DESTILLATE		-	-	-	-	-
CULEBRA	LIGHT DESTILLATE		-	-	-	55,000	-
AGUIRRE COMBINED	LIGHT DESTILLATE		277,060.08	26,472,540.64	26,472,540.64	110,592,000	399.16
CAMBALACHE GAS TURBINES	LIGHT DESTILLATE		118,387.25	11,489,656.33	11,489,656.33	57,387,000	484.74
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		234,223.21	20,457,222.87	20,457,222.87	152,972,000	
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS		133,881.43		\$ 7,497,031.99		
TOTAL ALL PLANTS			#####		\$ 150,969,037.36		

TRANSFERS - BY PLANT
January 31, 2020

KIND OF FUEL	PLANT	TRANSFERS OUT		TRANSFERS IN	
		BARRELS	AMOUNT	BARRELS	AMOUNT
STEAM					

NO. 6	SAN JUAN	-	\$ -	30,168.80	\$ 2,528,302.98
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	SOUTH COAST	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	PALO SECO	30,168.80	2,528,302.98	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	289.00	27,278.99
NO. 6	AGUIRRE	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		279,331.56	26,690,871.07	-	-
ADDITIVE					
TOTAL STEAM PLANTS		309,500.36	\$29,219,174.05	30,457.80	\$ 2,555,581.98
GAS					

LIGHT DESTILLATE	MAYAGUEZ	-	\$ -	-	\$ -
LIGHT DESTILLATE	SOUTH COAST TURB	-	-	-	-
LIGHT DESTILLATE	PALO SECO TURB	289.00	27,278.99	-	-
LIGHT DESTILLATE	AGUIRRE POWER BLOCK	-	-	-	-
LIGHT DESTILLATE	YABUCOA	-	-	-	-
LIGHT DESTILLATE	DAGUAO TURB	-	-	-	-
LIGHT DESTILLATE	VEGA BAJA	-	-	-	-
LIGHT DESTILLATE	JOBOS (GUAYAMA) TURB	-	-	-	-
DIESEL	VIEQUES	-	-	-	-
DIESEL	CULEBRA	-	-	-	-
LIGHT DESTILLATE	AGUIRRE COMBINED	-	-	279,331.56	26,690,871.07
ADDITIVE	AGUIRRE COMBINED				
LIGHT DESTILLATE	CAMBALACHE GAS TURBINES	-	-	-	-
ADDITIVE	CAMBALACHE GAS TURBINES				
LIGHT DESTILLATE	SAN JUAN COMBINED CYCLE	-	-	-	-
TOTAL GAS PLANTS		289.00	\$ 27,278.99	279,331.56	\$ 26,690,871.07
OTHER					

NO. 6	CORCO	-	\$ -	-	\$ -
LIGHT DESTILLATE	CORCO	-	-	-	-
TOTAL ALL PLANTS		309,789.36	\$29,246,453.04	309,789.36	\$ 29,246,453.04

BEGINNING BALANCE

NO. 2

NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

RECIBIDO

COMPRADO NO. 2

COMPRADO NO. 6

GAS PROPANO

ADITIVOS

COMPRADO GAS NATURAL

TOTAL RECIBIDO

SAN JUAN		COSTA SUR		PALO SECO		AGUIRRE	
BARRILES	\$	BARRILES	\$	BARRILES	\$	BARRILES	\$
						193,587.49	17,338,270.02
59,252.89	1,632,086.90	512,837.57	34,001,892.49	84,916.16	8,107,400.30	451,343.00	36,933,728.21
164.35	7,389.71	24.55	1,243.46	133.97	4,763.61	3,142.54	13,539.18
59,417.24	\$ 1,639,476.61	512,862.12	\$ 34,003,135.95	85,050.13	\$ 8,112,163.91	648,073.03	\$ 54,285,537.41
						289,570.01	22,093,083.81
169,688.24	12,588,843.40			391,242.23	28,966,573.95	267,043.14	19,345,046.29
				158.34	5,213.78	65.65	2,221.77
169,688.24	\$ 12,588,843.40	-	\$ -	391,400.57	\$ 28,971,787.73	556,678.80	\$ 41,440,351.87

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	BARRELS	COST PER BARREL	AMOUNT
BEGINNING BALANCE	1,780,847.74		\$ 159,054,562.22
ADJUSTMENTS	- *		\$ 5,486,231.42 *
INTEREST			
FUEL HEDGE			
MISC. SERVICES & INSPECTION FEES			\$ 323,156.55
EXCISE TAXES			\$ 1,930,052.64
RECEIPTS			
STEAM & GAS	1,696,101.44	\$ 75.35	\$ 127,801,382.26
NATURAL GAS	-	#DIV/0!	\$ -
TOTAL RECEIPTS	1,696,101.44	\$ 75.35	\$ 127,801,382.26
SUBTOTAL	3,476,949.18	\$ 84.73	\$ 294,595,385.09
CONSUMPTION			
STEAM & GAS	1,664,077.35		\$ 142,676,997.07
NATURAL GAS	-		\$ -
ADJ. TO CONSUMPTION	-		\$ 9,256,671.10
TOTAL RECEIPTS	1,664,077.35	\$ 91.30	\$ 151,933,668.17
ENDING BALANCE	1,812,871.83	\$ 78.69	\$ 142,661,716.92

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SAN JUAN STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	59,252.89	1,632,086.90	164.35	7,389.71			59,417.24	1,639,476.61
ADJUSTMENT	-	5,486,231.42	-	-	-	-	-	5,486,231.42
RECEIPTS	169,688.24	12,588,843.40	-	-			169,688.24	12,588,843.40
INTEREST							-	-
MISC. SERV.& INSP FEES		72,595.05					-	72,595.05
EXCISE TAXES		14,747.47		-			-	14,747.47
TRANSFER IN	-	-	-	-	-	-	-	-
SUBTOTAL	228,941.13	19,794,504.24	164.35	7,389.71	-	-	229,105.48	19,801,893.95
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	164,059.98	14,957,588.56	10.36	465.82			164,070.34	14,958,054.38
CAPITAL EXPENDITURE							-	-
ADJUSTMENT	-	-	-	-			-	-
ENDING BALANCE	64,881.15	4,836,915.68	153.99	6,923.89	-	-	65,035.14	4,843,839.57

PRICE PER BARREL	86.46	44.96	-
BEG. PRICE PER BARREL	27.54	44.96	-
ENDING PRICE PER BARREL	74.55	44.96	-
PRICE PER BARREL ASSET SUITE	91.17		-

PALO SECO STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	84,916.16	8,107,400.30	133.97	4,763.61			85,050.13	8,112,163.91
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	391,242.23	28,966,573.95	158.34	5,213.78			391,400.57	28,971,787.73
INTEREST							-	-
MISC. SERV.& INSP FEES		25,321.95					-	25,321.95
EXCISE TAXES		45,068.36		-			-	45,068.36
TRANSFER IN	-	-	-	-	190.00	16,647.44	190.00	16,647.44
SUBTOTAL	476,158.39	37,144,364.56	292.31	9,977.39	190.00	16,647.44	476,640.70	37,170,989.39
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	360,659.86	29,982,241.32	171.50	5,853.80	190.00	16,647.44	361,021.36	30,004,742.56
							-	-
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	115,498.53	7,162,123.24	120.81	4,123.59	-	-	115,619.34	7,166,246.83

PRICE PER BARREL	78.01	34.13	87.62
ENDING PRICE PER BARREL	62.01	34.13	-
PRICE PER BARREL ASSET SUITE	83.13		87.62

6,495,870.14
23,508,872.42

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SOUTH COAST STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	512,837.57	34,001,892.49	24.55	1,243.46			512,862.12	34,003,135.95
ADJUSTMENT	-	-	-	-	-	-	-	-
RECEIPTS	-	-	-	-			-	-
INTEREST							-	-
MISC. SERV.& INSP FEES		-					-	-
EXCISE TAXES		-		-			-	-
TRANSFER IN	-	-	-	-	-	-	-	-
SUBTOTAL	512,837.57	34,001,892.49	24.55	1,243.46	-	-	512,862.12	34,003,135.95
TRANSFERS OUT	-	-	-	-			-	-
CONSUMPTION	-	-	-	-	-	-	-	-
							-	-
ADJUSTMENT	-	-	-	-	-	-	-	-
ENDING BALANCE	512,837.57	34,001,892.49	24.55	1,243.46	-	-	512,862.12	34,003,135.95

PRICE PER BARREL	66.30	50.65	-
BEG. PRICE PER BARREL	66.30	50.65	-
ENDING PRICE PER BARREL	66.30	50.65	-
PRICE PER BARREL ASSET SUITE	-		-

AGUIRRE STEAM PLANT	FUEL NO 6		PROPANE		LIGHT DESTILLATE		CHES&CO ADDITIVES		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	451,343.00	36,933,728.21	3,142.54	13,539.18	193,587.49	17,338,270.02			648,073.03	54,285,537.41
ADJUSTMENT	-	-	-	-	-	-			-	-
RECEIPTS	267,043.14	19,345,046.29	65.65	2,221.77	289,570.01	22,093,083.81			556,678.80	41,440,351.87
INTEREST									-	-
MISC. SERV.& INSP FEES		221,919.55				-			-	221,919.55
EXCISE TAXES		77,690.87		-		596,943.05			-	674,633.92
TRANSFER IN	-	-	-	-	-	-			-	-
SUBTOTAL	718,386.14	56,578,384.92	3,208.19	15,760.95	483,157.50	40,028,296.88	-	-	1,204,751.83	96,622,442.75
TRANSFERS OUT	-	-	-	-	328,556.95	26,363,353.70			328,556.95	26,363,353.70
CONSUMPTION	258,712.38	23,722,931.80	50.65	248.83	1,256.86	100,857.44			260,019.89	23,824,038.07
									-	-
ADJUSTMENT	-	-	-	-	-	-			-	-
ENDING BALANCE	459,673.76	32,855,453.12	3,157.54	15,512.12	153,343.69	13,564,085.74	-	-	616,174.99	46,435,050.98

PRICE PER BARREL	78.76	4.91	82.85	-
BEG. PRICE PER BARREL	81.83	4.31	89.56	-
PRICE PER BARREL ASSET SUITE	91.70		80.25	-

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GAS PLANTS	MAYAGUEZ SPECIAL CYCLE		SOUCO TURB-LIGHT DEST		PALO SECO TURB-LIGHT DEST		AGUIRRE POWER BLOCK-LIGHT DEST		YABUCOA POWER BLOCK-LIGHT		SUBTOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	44,910.96	4,046,627.88	3,716.24	300,163.42	12,619.79	2,011,228.84	9,118.85	802,851.91	14,240.29	1,679,616.89	84,606.13	8,840,488.94
ADJUSTMENT	-	-	-	-	-	-	-	-	-	-	-	-
RECEIPTS	29,099.88	2,242,716.11	-	-	117,798.89	9,077,885.48	-	-	8,527.27	650,632.61	155,426.04	11,971,234.20
INTEREST											-	-
MISC. SERV.& INSP FEES		2,175.00		-		-		-		-	-	2,175.00
EXCISE TAXES		60,101.38		-		243,291.56		-		17,578.99	-	320,971.93
TRANSFER IN	-	-	-	-	-	-	7,678.63	614,292.58	-	-	7,678.63	614,292.58
SUBTOTAL	74,010.84	6,351,620.37	3,716.24	300,163.42	130,418.68	11,332,405.88	16,797.48	1,417,144.49	22,767.56	2,347,828.49	247,710.80	21,749,162.65
TRANSFERS-OUT	-	-	-	-	190.00	16,647.44	-	-	-	-	190.00	16,647.44
CONSUMPTION	41,390.46	3,873,557.52	-	-	114,163.57	10,002,793.61	6,691.17	526,232.59	6,593.85	613,218.03	168,839.05	15,015,801.75
CAPITAL EXPENDITURE											-	-
ADJUSTMENT	-	-	-	-	-	31,982.23	-	-	-	-	-	31,982.23
ENDING BALANCE	32,620.38	2,478,062.85	3,716.24	300,163.42	16,065.11	1,280,982.60	10,106.31	890,911.90	16,173.71	1,734,610.46	78,681.75	6,684,731.23

PRICE PER BARREL	85.82	80.77	86.89	84.37	103.12
BEG. PRICE PER BARREL	90.10	80.77	159.37	88.04	117.95
ENDING PRICE PER BARREL	75.97	80.77	79.74	88.15	107.25
PRICE PER BARREL ASSET SUITE	93.59	-	87.62	78.65	93.00

GAS PLANTS	VEGA BAJA-LIGHT DEST		JOBOS TURB- LIGHT DEST		DAGUAO TURB-LIGHT DEST		VIEQUES		CULEBRA		TOTAL TURBINES	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	7,232.97	825,830.68	9,000.03	555,547.08	12,917.30	1,279,953.45	7,001.26	608,658.18	369.44	33,683.01	121,127.13	12,144,161.34
ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-	-
RECEIPTS	4,734.76	367,793.62	10,891.53	840,617.05	15,397.35	1,184,545.12	-	-	-	-	186,449.68	14,364,189.99
INTEREST											-	-
MISC. SERV.& INSP FEES		-		-		-		-		-	-	2,175.00
EXCISE TAXES		9,793.37		22,500.88		31,790.27		-		-	-	385,056.45
TRANSFER IN	-	-	-	-	-	-	-	-	-	-	7,678.63	614,292.58
SUBTOTAL	11,967.73	1,203,417.67	19,891.56	1,418,665.01	28,314.65	2,496,288.84	7,001.26	608,658.18	369.44	33,683.01	315,255.44	27,509,875.36
TRANSFER-OUT	-	-	-	-	-	-	-	-	-	-	190.00	16,647.44
CONSUMPTION	6,424.74	598,449.03	9,809.52	757,092.41	14,763.50	1,352,814.78	-	-	-	-	199,836.81	17,724,157.97
											-	-
ADJUSTMENTS	-	-	-	6,863.32	-	-	-	-	-	-	-	38,845.55
ENDING BALANCE	5,542.99	604,968.64	10,082.04	654,709.28	13,551.15	1,143,474.06	7,001.26	608,658.18	369.44	33,683.01	115,228.63	9,769,069.95

PRICE PER BARREL	100.56	71.32	88.16	86.94	91.17
ENDING PRICE PER BARREL	109.14	64.94	84.38	86.94	91.17
PRICE PER BARREL ASSET SUITE	93.15	77.18	91.63	-	-

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FUEL OIL CONSUMPTION REPORT
FOR THE MONTH
NOVEMBER 2019

PUERTO RICO ELECTRIC POWER AUTHORITY
FUEL OIL CONSUMPTION REPORT
FOR THE MONTH
NOVEMBER 2019

AGUIRRE COMBINED CYCLE	LIGHT DESTILLATE		ADDITIVE		TOTAL		CORCO - NO. 6		CORCO - NO. 2		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	28,670.37	21,153,748.24			28,670.37	21,153,748.24	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
ADJUSTMENT	-	-			-	-	-	-	-	-	-	-
RECEIPTS	-	-			-	-	-	-	-	-	-	-
INTEREST					-	-					-	-
MISC. SERV.& INSP FEES		-			-	-		-		-	-	-
EXCISE TAXES		-			-	-		-		-	-	-
TRANSFER IN	320,878.32	25,749,061.12	-	-	320,878.32	25,749,061.12	-	-	-	-	-	-
SUBTOTAL	349,548.69	46,902,809.36	-	-	349,548.69	46,902,809.36	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65
TRANSFERS-OUT	-	-			-	-	-	-	-	-	-	-
CONSUMPTION	313,017.76	26,472,818.03			313,017.76	26,472,818.03	-	-	-	-	-	-
					-	-					-	-
ADJUSTMENT	-	16,351,950.83			-	16,351,950.83	-	-	-	-	-	-
ENDING BALANCE	36,530.93	4,078,040.50	-	-	36,530.93	20,429,991.33	239,783.34	16,619,783.94	1,232.28	142,642.71	241,015.62	16,762,426.65

PRICE PER BARREL	134.18	-	69.31	115.76
BEG. PRICE PER BARREL	737.83	-	69.31	115.76
ENDING PRICE PER BARREL	111.63	-	69.31	115.76
PRICE PER BARREL ASSET SUITE	84.57		-	-

CAMBALACHE GAS TURBINES	LIGHT DESTILLATE		PROPANE		TOTAL	
	BBLs	\$	BBLs	\$	BBLs	\$
BEG BAL	46,887.09	3,819,159.08	-	-	46,887.09	3,819,159.08
ADJUSTMENT	-	-			-	-
RECEIPTS	115,986.39	8,985,318.53			115,986.39	8,985,318.53
INTEREST					-	-
MISC. SERV.& INSP FEES		1,145.00				1,145.00
EXCISE TAXES		239,783.73			-	239,783.73
TRANSFER IN	-	-			-	-
SUBTOTAL	162,873.48	13,045,406.34	-	-	162,873.48	13,045,406.34
TRANSFERS-OUT	-	-			-	-
CONSUMPTION	94,041.74	8,303,336.75			94,041.74	8,303,336.75
ADJUSTMENT	-	-			-	-
ENDING BALANCE	68,831.74	4,742,069.59	-	-	68,831.74	4,742,069.59

PRICE PER BARREL	80.10	-
BEG. PRICE PER BARREL	81.45	-
PRICE PER BARREL ASSET SUITE	88.29	

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SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		PROPANE		TOTAL						TOTAL	
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL	37,745.01	7,134,753.03	-	-	37,745.01	7,134,753.03					-	-
ADJUSTMENT	-	-			-	-					-	-
RECEIPTS	275,897.76	21,450,890.75	-	-	275,897.76	21,450,890.75					-	-
INTEREST				-	-	-					-	-
MISC. SERV.& INSP FEES		-				-					-	-
EXCISE TAXES		570,762.71		-	-	570,762.71					-	-
TRANSFER IN	-	-	-	-	-	-					-	-
SUBTOTAL	313,642.77	29,156,406.49	-	-	313,642.77	29,156,406.49					-	-
TRANSFERS-OUT	-	-	-	-	-	-					-	-
CONSUMPTION	272,069.45	21,389,849.31	-	-	272,069.45	21,389,849.31					-	-
CAPITAL EXPENDITURE					-	-					-	-
ADJUSTMENT	-	(7,134,125.28)			-	(7,134,125.28)					-	-
ENDING BALANCE	41,573.32	14,900,682.46	-	-	41,573.32	7,766,557.18	-	-	-	-	-	-

PRICE PER BARREL	92.96	-	-	-
BEG. PRICE PER BARREL	189.03	-	-	-
ENDING PRICE PER BARREL	358.42	-	-	-
PRICE PER BARREL ASSET SUITE	78.62		-	-

NATURAL GAS	SOUTH COAST NG											
	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$	BBLS	\$
BEG BAL											-	-
ADJUSTMENT	-	-									-	-
RECEIPTS	-	-									-	-
INTEREST											-	-
MISC. SERV.& INSP FEES											-	-
EXCISE TAXES		-									-	-
TRANSFER IN	-	-									-	-
SUBTOTAL	-	-	-	-	-	-	-	-	-	-	-	-
TRANSFERS-OUT	-	-									-	-
CONSUMPTION	-	-									-	-
											-	-
ADJUSTMENT	-	-									-	-
ENDING BALANCE	-	-	-	-	-	-	-	-	-	-	-	-

PRICE PER BARREL	-	-	-	-
BEG. PRICE PER BARREL	-	-	-	-

Fuel purchased on April 2018 not informed until May-18

QUARTER RECONCILIATION FILE DEC19-JAN-FEB20 (VALUES ONLY) - Public Version FUEL OIL CONSUMPTION REPORT
SUMMARY BY PLANT - CONSUMPTION
NOVEMBER 30, 2019

PLANT	KIND OF FUEL	BARRELS	TOTAL	AMOUNT	TOTAL	GENERATION	EFFICIENCY
<u>STEAM</u>							
SAN JUAN	NO. 6	#####		\$ 14,957,588.56			
	PROPANE	10.36		465.82			
	LIGHT DESTILLATE	-	164,070.34	-	\$ 14,958,054.38	94,347,000	575.04
SOUTH COAST	NO. 6	-		-			
	PROPANE	-		-			
	LIGHT DESTILLATE	-	-	-	-	-	-
PALO SECO	NO. 6	#####		29,982,241.32			
	PROPANE	171.50		5,853.80			
	LIGHT DESTILLATE	190.00	361,021.36	16,647.44	30,004,742.56	216,401,000	599.41
AGUIRRE	NO. 6	#####		23,722,931.80			
	PROPANE	50.65		248.83			
	LIGHT DESTILLATE	1,256.86		100,857.44			
	ADDITIVE		260,019.89		23,824,038.07	157,730,000	606.61
	TOTAL STEAM PLANTS		785,111.59		\$ 68,786,835.01		
<u>GAS</u>							
MAYAGUEZ	LIGHT DESTILLATE		41,390.46	\$ 3,873,557.52	\$ 3,873,557.52	21,839,000	527.63
SOUTH COAST TURB	LIGHT DESTILLATE		-	-	-	-	-
PALO SECO TURB	LIGHT DESTILLATE		114,163.57	10,034,775.84	10,034,775.84	58,063,000	508.59
AGUIRRE POWER BLOCK	LIGHT DESTILLATE		6,691.17	526,232.59	526,232.59	2,535,100	378.87
YABUCOA	LIGHT DESTILLATE		6,593.85	613,218.03	613,218.03	2,572,000	390.06
DAGUAO TURB	LIGHT DESTILLATE		14,763.50	1,352,814.78	1,352,814.78	5,430,000	367.80
VEGA BAJA	LIGHT DESTILLATE		6,424.74	598,449.03	598,449.03	2,210,000	343.98
JOBOS (GUAYAMA) TURB	LIGHT DESTILLATE		9,809.52	763,955.73	763,955.73	3,712,000	378.41
VIEQUES	LIGHT DESTILLATE		-	-	-	-	-
CULEBRA	LIGHT DESTILLATE		-	-	-	-	-
AGUIRRE COMBINED	LIGHT DESTILLATE		313,017.76	42,824,768.86	42,824,768.86	123,829,000	395.60
CAMBALACHE GAS TURBINES	LIGHT DESTILLATE		94,041.74	8,303,336.75	8,303,336.75	44,390,000	472.02
SAN JUAN COMBINED CYCLE	LIGHT DESTILLATE		272,069.45	14,255,724.03	14,255,724.03	148,301,000	
<u>NATURAL GAS</u>							
SOUTH COAST	NATURAL GAS		-		\$ -		
	TOTAL ALL PLANTS		#####		\$ 151,933,668.17		

TRANSFERS - BY PLANT
February 29, 2020

KIND OF FUEL	PLANT	TRANSFERS OUT		TRANSFERS IN	
		BARRELS	AMOUNT	BARRELS	AMOUNT
STEAM					

NO. 6	SAN JUAN	-	\$ -	-	\$ -
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	SOUTH COAST	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	-	-
NO. 6	PALO SECO	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		-	-	190.00	16,647.44
NO. 6	AGUIRRE	-	-	-	-
PROPANE		-	-	-	-
LIGHT DESTILLATE		328,556.95	26,363,353.70	-	-
ADDITIVE					
TOTAL STEAM PLANTS		328,556.95	\$26,363,353.70	190.00	\$ 16,647.44
GAS					

LIGHT DESTILLATE	MAYAGUEZ	-	\$ -	-	\$ -
LIGHT DESTILLATE	SOUTH COAST TURB	-	-	-	-
LIGHT DESTILLATE	PALO SECO TURB	190.00	16,647.44	-	-
LIGHT DESTILLATE	AGUIRRE POWER BLOCK	-	-	7,678.63	614,292.58
LIGHT DESTILLATE	YABUCOA	-	-	-	-
LIGHT DESTILLATE	DAGUAO TURB	-	-	-	-
LIGHT DESTILLATE	VEGA BAJA	-	-	-	-
LIGHT DESTILLATE	JOBOS (GUAYAMA) TURB	-	-	-	-
DIESEL	VIEQUES	-	-	-	-
DIESEL	CULEBRA	-	-	-	-
LIGHT DESTILLATE	AGUIRRE COMBINED	-	-	320,878.32	25,749,061.12
ADDITIVE	AGUIRRE COMBINED				
LIGHT DESTILLATE	CAMBALACHE GAS TURBINES	-	-	-	-
ADDITIVE	CAMBALACHE GAS TURBINES				
LIGHT DESTILLATE	SAN JUAN COMBINED CYCLE	-	-	-	-
TOTAL GAS PLANTS		190.00	\$ 16,647.44	328,556.95	\$ 26,363,353.70
OTHER					

NO. 6	CORCO	-	\$ -	-	\$ -
LIGHT DESTILLATE	CORCO	-	-	-	-
TOTAL ALL PLANTS		328,746.95	\$26,380,001.14	328,746.95	\$ 26,380,001.14

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Meter Reading Data

Date of Reading	12/31/2019	Data Input
Date of Last Reading	11/30/2019	Data Input
Billing Period	238	Reference
Days in Billing Period	31	Reference
Capacity Factor	73.7%	Reference

Energy Payment

NEO (Net Electrical Output - KWH)	278,013,454	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calc.
PSK (PREPA Selected KWH)	0	Input to be nominated by PREPA
Spot Fuel Price (\$/MMBTU)	0.00	Calculated on SFP as per Supplemental Agreement
Equivalent MMBTU in excess of XDL	0	Calculated on SFP
ACF (Average Correction Factor)	1.04148536	Calculated on FCCC-ACF
Sum of Available Capacities (KW)	377,208,000	Calculated on OH&DH&FMH
ADL (Average Dispatch Level - KWH)	362,119,680	As per Supplemental Agreement - 96% of Available Capacity
TDL (Target Dispatch Level - %)	76.0%	Provided by EcoEléctrica Annually.
TDL (Target Dispatch Level - KWH)	286,678,080	Calculated on FACT
MDL (Minimum Dispatch Level - KWH)	203,692,320	Calculated on FACT
XDL (Maximum Dispatch Level - KWH)	286,678,080	Calculated on FACT
Energy Purchase Price (EPP)	\$0.03788074	As per Appendix K
Base Energy Payment (BEP)	\$10,968,252.45	Calculated on FACT
Excess Energy Payment (EEP)	\$0.00	Calculated on FACT
Energy Payment (EP=BEP+EEP)	\$10,968,252.45	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	507,000 KW	
Equivalent Availability (EA)	96.7%	Calculated on EA (Ref. on FACT) 100.0%
Equivalent Availability Adjustment Factor (EAAF)	101.0%	Calculated on FACT.
Spinning Reserve Performance Factor (SRPF)	1.0	Calculated on FACT
Capacity Purchase Price (CPP)	\$32.01437809	Calculated on FACT
CPP adjusted by EAAF and FMAF	\$32.33452187	Calculated on FACT
Capacity Payment (CP)	\$16,393,602.59	Calculated on FACT
Permanent Financing Adjustment (PFA)	-\$5.83	First Amendment - Applicable to Billing Periods 217th to 240th a fixed negative amount in \$/kW-Month

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start-up Payment	\$0.00	Calculated on FACT

Peaking Rate Energy

Peaking Energy Price (\$/KWH)	\$0.2200	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Peaking Energy Price Payment	\$0.00	Calculated on FACT

Lower Energy Price

Lower Energy Price	\$0.00000000	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Lower Energy Price Payment	\$0.00	Calculated on FACT

BTU Tracking Account

Beginning BTABo (MMBTU)	800,000	MMBTU Data Input
Ending BTABe (MMBTU)	800,000	MMBTU Calculated on BTU-TA
Monthly Fuel Credit (MFC)	0.00	KWH Calculated on BTU-TA

Total Charges: \$27,361,855.04 Calculated on FACT

Payment Due Date: 16-Feb-20

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
Planificación y Estudios Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
Planificación y Protección Ambiental

Equivalent Availability (EA)	96.7%
Equivalent Availability Adjustment Factor (EAAF)	101.0%
Demand Charge Escalation Factor (DCEF)	1.70026673
Fixed Cost Escalation Factor (FCEF)	3.04358553
Permanent Financing Adjustment (PFA)	-5.83
Capacity Purchase Price (CPP)	32.01437809
CPP Ajustado por FMAF, EAAF, PFA	32.33452187

Maximum Capacity**507,000 kW**

FCCC - 1CT Simple Cycle Modo de Operación = 1
FCCC - 2CT Simple Cycle Modo de Operación = 2
FCCC - 1CT + ST Combinados Modo de Operación = 3
FCCC - 2CT + ST Combinados Modo de Operación = 4
FCCC - 1CT + ST Comb. + 1 CT Simple Modo de Operación = 5

Average Correction Factor: 1.04148536

NEO KWH	Modo de Operación	Hora Cambio Real	PORCIENTO CAPACIDAD	FCCF	MWH*FCCC	Peaking Energy
324,549	4		0.64013698	1.07005047	347,284.2884	
300,664	4		0.59302515	1.08734448	326,925.0714	
292,513	4		0.57694840	1.09366739	319,911.7506	
281,394	4		0.55501870	1.10263795	310,276.2317	
274,977	4		0.54236138	1.10799714	304,673.9762	
275,011	4		0.54242884	1.10796823	304,703.9198	
279,736	4		0.55174828	1.10400994	308,831.7391	
274,929	4		0.54226592	1.10803807	304,631.6017	
274,963	4		0.54233296	1.10800933	304,661.3579	
292,328	4		0.57658444	1.09381301	319,752.5112	
286,427	4		0.56494535	1.09852793	314,648.3819	
274,749	4		0.54191184	1.10818993	304,474.4108	
274,756	4		0.54192481	1.10818436	304,480.1687	
274,733	4		0.54187995	1.10820361	304,460.2499	
274,697	4		0.54180814	1.10823442	304,428.3681	
287,589	4		0.56723662	1.09759087	315,655.0253	
344,120	4		0.67873714	1.05725331	363,821.7274	
379,411	4		0.74834533	1.03730039	393,563.2667	
468,484	4		0.92403061	1.00481646	470,739.9488	
472,036	4		0.93103660	1.00405197	473,948.2328	
473,683	4		0.93428590	1.00371124	475,440.9042	
471,508	4		0.92999511	1.00416304	473,470.4281	
420,739	4		0.82985989	1.01904435	428,751.6653	
403,272	4		0.79540875	1.02608749	413,792.6001	
333,172	4		0.65714449	1.06425962	354,581.7796	
298,338	4		0.58843726	1.08912701	324,927.6358	
299,740	4		0.59120339	1.08805020	326,132.2959	
277,927	4		0.54817900	1.10551742	307,252.8669	
286,182	4		0.56446105	1.09872655	314,435.4894	
362,285	4		0.71456676	1.04648087	379,124.6865	
357,532	4		0.70519201	1.04919659	375,121.7191	
342,388	4		0.67532170	1.05833579	362,361.5845	

405,383	4		0.79957286	1.02518388	415,592.5654
438,343	4		0.86458262	1.01294200	444,016.4266
447,955	4		0.88353968	1.01003249	452,448.7188
473,834	4		0.93458476	1.00368034	475,578.3436
472,381	4		0.93171785	1.00397981	474,260.9379
458,960	4		0.90524733	1.00706698	462,203.8623
472,343	4		0.93164302	1.00398772	474,226.5801
474,093	4		0.93509416	1.00362784	475,812.6746
473,747	4		0.93441194	1.00369820	475,498.8623
471,931	4		0.93083060	1.00407387	473,853.6996
473,236	4		0.93340509	1.00380274	475,035.9769
470,263	4		0.92753955	1.00442848	472,345.1002
471,931	4		0.93083002	1.00407393	473,853.4364
446,646	4		0.88095889	1.01041106	451,296.2175
398,183	4		0.78537169	1.02832468	409,461.8664
427,808	4		0.84380288	1.01647376	434,855.6663
403,075	4		0.79501979	1.02617263	413,624.5701
399,329	4		0.78763123	1.02781375	410,435.8754
326,813	4		0.64460153	1.06850711	349,201.9880
288,923	4		0.56986690	1.09652053	316,809.4736
289,578	4		0.57115987	1.09599649	317,376.5304
358,356	4		0.70681755	1.04872047	375,815.7946
431,699	4		0.85147646	1.01512783	438,229.2275
431,913	4		0.85189861	1.01505520	438,415.1255
462,635	4		0.91249585	1.00616382	465,486.9966
457,586	4		0.90253588	1.00741603	460,979.1607
471,473	4		0.92992724	1.00417031	473,439.3004
471,285	4		0.92955619	1.00421012	473,269.1538
475,008	4		0.93689987	1.00344349	476,643.9169
468,452	4		0.92396796	1.00482347	470,711.3224
471,401	4		0.92978577	1.00418548	473,374.4255
477,039	4		0.94090532	1.00304420	478,491.1986
474,624	4		0.93614269	1.00352046	476,295.2407
452,429	4		0.89236566	1.00877960	456,401.5389
450,263	4		0.88809187	1.00937822	454,485.2368
466,060	4		0.91925119	1.00536134	468,559.0598
459,328	4		0.90597237	1.00697468	462,531.6575
465,704	4		0.91854863	1.00544304	468,238.9975
413,002	4		0.81459951	1.02204269	422,105.6258
410,611	4		0.80988443	1.02300817	420,058.8209
401,906	4		0.79271338	1.02668006	412,628.5534
374,981	4		0.73960742	1.03958446	389,824.3782
367,205	4		0.72426927	1.04374699	383,268.6101
292,352	4		0.57663185	1.09379404	319,773.2556

274,477	4		0.54137546	1.10842017	304,236.2384
338,213	4		0.66708742	1.06098533	358,839.3730
470,853	4		0.92870469	1.00430191	472,878.8469
458,388	4		0.90411829	1.00721159	461,693.6775
472,659	4		0.93226649	1.00392197	474,512.8646
471,879	4		0.93072800	1.00408479	473,806.6236
471,926	4		0.93082064	1.00407493	473,849.1320
470,032	4		0.92708404	1.00447826	472,136.5359
471,150	4		0.92929045	1.00423870	473,147.3241
426,106	4		0.84044538	1.01707802	433,382.8519
428,757	4		0.84567374	1.01614111	435,677.1920
425,841	4		0.83992356	1.01717277	433,154.1220
435,926	4		0.85981465	1.01372070	441,907.2408
335,736	4		0.66220113	1.06258418	356,747.7307
443,218	4		0.87419812	1.01142896	448,283.9730
463,505	4		0.91421188	1.00595638	466,266.2363
472,021	4		0.93100700	1.00405512	473,934.6477
471,728	4		0.93042952	1.00411661	473,669.6844
422,603	4		0.83353645	1.01835087	430,358.1113
360,728	4		0.71149517	1.04736263	377,813.0806
408,141	4		0.80501252	1.02402513	417,946.9965
422,433	4		0.83320146	1.01841359	430,211.6525
360,580	4		0.71120289	1.04744694	377,688.2793
319,164	4		0.62951404	1.07378920	342,714.4434
326,135	4		0.64326491	1.06896744	348,628.0261
403,314	4		0.79549146	1.02606941	413,828.3321
454,939	4		0.89731622	1.00810514	458,626.6689
428,720	4		0.84560235	1.01615375	435,645.8349
459,277	4		0.90587228	1.00698740	462,486.4004
467,542	4		0.92217347	1.00502593	469,891.7809
469,431	4		0.92589902	1.00460860	471,594.2202
468,946	4		0.92494185	1.00471472	471,156.4664
460,738	4		0.90875304	1.00662473	463,790.0525
443,659	4		0.87506630	1.01129613	448,670.2393
459,788	4		0.90688000	1.00685975	462,942.1910
471,572	4		0.93012198	1.00414947	473,528.6135
467,650	4		0.92238674	1.00500173	469,989.1378
338,282	4		0.66722229	1.06094148	358,897.0869
452,395	4		0.89229733	1.00878905	456,370.8703
441,524	4		0.87085539	1.01194626	446,798.2387
434,522	4		0.85704519	1.01418167	440,684.1576
449,973	4		0.88752138	1.00945927	454,229.7588
405,125	4		0.79906229	1.02529390	415,371.7610
391,066	4		0.77133421	1.03159370	403,421.6810

437,618	4		0.86315277	1.01317354	443,383.4395
435,670	4		0.85930924	1.01380435	441,683.9241
365,769	4		0.72143828	1.04453661	382,059.3277
318,605	4		0.62841216	1.07418236	342,239.8350
310,075	4		0.61158694	1.08031092	334,976.9519
380,132	4		0.74976756	1.03693462	394,172.1892
436,373	4		0.86069661	1.01357524	442,297.0518
395,698	4		0.78046916	1.02944780	407,350.2923
428,438	4		0.84504572	1.01625245	435,401.3512
446,901	4		0.88146075	1.01033701	451,520.2165
426,221	4		0.84067270	1.01703681	433,482.5085
441,769	4		0.87133936	1.01187079	447,013.2016
428,163	4		0.84450271	1.01634899	435,162.9021
414,304	4		0.81716799	1.02152451	423,221.8662
400,077	4		0.78910604	1.02748256	411,071.8969
461,243	4		0.90974882	1.00650097	464,241.1733
473,934	4		0.93478152	1.00366004	475,668.8469
426,053	4		0.84034061	1.01709703	433,336.9232
467,038	4		0.92118031	1.00513913	469,438.5866
460,157	4		0.90760685	1.00676820	463,271.1074
417,330	4		0.82313574	1.02034169	425,819.0143
436,898	4		0.86173193	1.01340531	442,754.8408
376,973	4		0.74353692	1.03854946	391,505.3314
366,374	4		0.72263057	1.04420324	382,568.6061
408,705	4		0.80612440	1.02379130	418,428.6958
352,880	4		0.69601633	1.05192524	371,203.6724
316,048	4		0.62336870	1.07599478	340,065.9274
280,470	4		0.55319477	1.10340202	309,470.8852
276,094	4		0.54456366	1.10705513	305,651.0308
281,888	4		0.55599141	1.10223160	310,705.4711
302,203	4		0.59606067	1.08617469	328,244.9888
301,710	4		0.59508969	1.08654804	327,822.9262
346,765	4		0.68395386	1.05561863	366,051.1779
389,538	4		0.76831997	1.03231698	402,126.9218
405,219	4		0.79924903	1.02525363	415,452.5169
417,429	4		0.82333192	1.02030331	425,904.4791
413,458	4		0.81549853	1.02186069	422,496.2283
410,544	4		0.80975164	1.02303562	420,001.2216
432,165	4		0.85239628	1.01496977	438,634.3258
463,188	4		0.91358636	1.00603171	465,982.1041
472,978	4		0.93289621	1.00385590	474,802.1363
472,897	4		0.93273585	1.00387269	474,728.4626
488,414	4		0.96334056	1.00105377	488,928.3407
492,907	4		0.97220224	1.00038261	493,095.1276

487,768	4		0.96206764	1.00115553	488,331.9229
465,754	4		0.91864713	1.00543156	468,283.8661
416,929	4		0.82234589	1.02049655	425,474.9804
337,148	4		0.66498714	1.06167014	357,940.4708
287,901	4		0.56785220	1.09733986	315,925.3139
337,823	4		0.66631748	1.06123594	358,509.8724
279,785	4		0.55184436	1.10396950	308,874.2057
273,717	4		0.53987634	1.10906494	303,570.2642
273,807	4		0.54005340	1.10898869	303,648.9475
276,304	4		0.54497873	1.10687804	305,835.0710
284,124	4		0.56040162	1.10039907	312,649.3682
273,648	4		0.53974040	1.10912350	303,509.8504
295,892	4		0.58361435	1.09101968	322,824.5136
323,966	4		0.63898709	1.07045065	346,790.1023
338,338	4		0.66733255	1.06090564	358,944.2705
318,715	4		0.62862836	1.07410514	342,332.9678
298,752	4		0.58925384	1.08880847	325,283.3773
293,640	4		0.57917148	1.09278029	320,883.9359
311,609	4		0.61461253	1.07919154	336,285.3112
349,132	4		0.68862416	1.05417432	368,046.4583
428,731	4		0.84562365	1.01614998	435,655.1909
466,327	4		0.91977777	1.00530038	468,799.0392
464,572	4		0.91631466	1.00570552	467,222.1565
468,545	4		0.92415243	1.00480281	470,795.6194
468,100	4		0.92327435	1.00490141	470,394.4466
452,498	4		0.89250192	1.00876077	456,462.7071
375,182	4		0.74000340	1.03947958	389,993.7413
373,154	4		0.73600398	1.04054484	388,283.4839
334,958	4		0.66066666	1.06309036	356,090.6162
272,544	4		0.53756295	1.11006358	302,541.6278
272,840	4		0.53814603	1.10981145	302,800.9992
270,996	4		0.53450796	1.11138915	301,181.4969
273,308	4		0.53906950	1.10941273	303,211.6341
364,231	4		0.71840519	1.04538997	380,763.8893
435,492	4		0.85895922	1.01386241	441,529.2983
357,597	4		0.70532031	1.04915893	375,176.4998
410,340	4		0.80934923	1.02311892	419,826.6802
453,599	4		0.89467353	1.00846265	457,438.1326
459,558	4		0.90642598	1.00691716	462,736.8082
454,583	4		0.89661397	1.00819958	458,310.6712
465,142	4		0.91743917	1.00557288	467,733.8355
440,607	4		0.86904667	1.01223003	445,995.2901
419,338	4		0.82709750	1.01957278	427,546.0535
470,901	4		0.92879789	1.00429183	472,921.5577

471,950	4		0.93086872	1.00406982		473,871.1911
432,371	4		0.85280332	1.01490005		438,813.6381
469,798	4		0.92662349	1.00452878		471,925.7198
470,258	4		0.92753110	1.00442940		472,341.2303
470,363	4		0.92773838	1.00440680		472,436.1566
449,511	4		0.88660913	1.00958944		453,821.3870
367,927	4		0.72569426	1.04335204		383,877.3748
440,271	4		0.86838420	1.01233464		445,701.3702
381,838	4		0.75313187	1.03607606		395,613.0609
328,516	4		0.64796113	1.06735663		350,644.0455
305,162	4		0.60189701	1.08394704		330,779.2101
282,717	4		0.55762771	1.10154980		311,427.1307
282,865	4		0.55791842	1.10142890		311,555.2879
354,141	4		0.69850324	1.05117878		372,265.6573
419,564	4		0.82754195	1.01948733		427,739.9475
412,540	4		0.81368914	1.02222766		421,710.2031
464,682	4		0.91653167	1.00567984		467,320.8746
470,254	4		0.92752344	1.00443023		472,337.7219
464,074	4		0.91533279	1.00582220		466,775.6557
471,328	4		0.92964039	1.00420108		473,307.7617
436,213	4		0.86038106	1.01362721		442,157.5644
463,868	4		0.91492704	1.00587065		466,591.2189
471,199	4		0.92938611	1.00422841		473,191.1791
471,546	4		0.93007076	1.00415495		473,505.1211
470,938	4		0.92887170	1.00428386		472,955.3838
466,503	4		0.92012341	1.00526049		468,956.6026
473,272	4		0.93347444	1.00379551		475,067.8479
475,121	4		0.93712193	1.00342100		476,746.2071
472,229	4		0.93141892	1.00401143		474,123.7067
460,973	4		0.90921749	1.00656690		464,000.4333
406,451	4		0.80167934	1.02473225		416,503.8803
382,255	4		0.75395560	1.03586727	248.62254814	395,965.9522
303,934	4		0.59947518	1.08486799		329,728.1751
276,362	4		0.54509346	1.10682912		305,885.9319
310,719	4		0.61285717	1.07984004		335,526.3707
302,651	4		0.59694497	1.08583535		328,629.2616
316,239	4		0.62374604	1.07585845		340,228.6637
366,208	4		0.72230442	1.04429432		382,429.2911
401,816	4		0.79253738	1.02671897		412,552.5703
355,787	4		0.70174989	1.05021201		373,651.9860
380,579	4		0.75064939	1.03670867		394,549.8007
348,883	4		0.68813143	1.05432584		367,835.9791
351,859	4		0.69400235	1.05253350		370,343.5851
404,598	4		0.79802376	1.02551835		414,922.7205

420,872	4		0.83012294	1.01899436	428,866.5318
393,900	4		0.77692292	1.03027263	405,824.3073
363,821	4		0.71759599	1.04561894	380,418.2995
329,811	4		0.65051496	1.06648835	351,739.6821
337,527	4		0.66573465	1.06142598	358,260.4256
309,849	4		0.61114298	1.08047581	334,784.8780
446,954	4		0.88156575	1.01032154	451,567.0870
470,461	4		0.92793094	1.00438583	472,524.3509
472,360	4		0.93167635	1.00398420	474,241.8856
438,165	4		0.86423135	1.01299872	443,860.8852
377,481	4		0.74453922	1.03828751	391,934.2083
313,057	4		0.61746852	1.07814186	337,519.3611
322,767	4		0.63662094	1.07127757	345,772.8494
311,405	4		0.61421125	1.07933956	336,111.8468
285,816	4		0.56374051	1.09902242	314,118.6750
275,452	4		0.54329710	1.10759641	305,089.2335
276,347	4		0.54506345	1.10684191	305,872.6274
311,800	4		0.61498966	1.07905254	336,448.3205
321,407	4		0.63393907	1.07222044	344,619.2686
275,744	4		0.54387355	1.10734989	305,344.9676
276,695	4		0.54574999	1.10654936	306,176.9453
275,663	4		0.54371338	1.10741836	305,273.9189
275,200	4		0.54280069	1.10780891	304,868.9583
275,114	4		0.54263161	1.10788134	304,793.9170
275,098	4		0.54259962	1.10789504	304,779.7213
275,065	4		0.54253457	1.10792292	304,750.8482
308,899	4		0.60926766	1.08117413	333,973.2887
329,698	4		0.65029179	1.06656401	351,643.9564
349,487	4		0.68932389	1.05395948	368,345.3605
355,607	4		0.70139522	1.05031720	373,500.5450
462,372	4		0.91197659	1.00622707	465,251.3552
472,236	4		0.93143144	1.00401010	474,129.4543
472,403	4		0.93176100	1.00397525	474,280.7468
471,503	4		0.92998698	1.00416391	473,466.6972
434,087	4		0.85618721	1.01432577	440,305.5450
329,108	4		0.64912742	1.06695944	351,144.4595
335,649	4		0.66203023	1.06264045	356,674.5542
328,640	4		0.64820574	1.06727324	350,749.0077
291,368	4		0.57469108	1.09457235	318,923.7687
274,724	4		0.54186174	1.10821142	304,452.1680
283,602	4		0.55937347	1.10082484	312,196.5122
349,801	4		0.68994277	1.05376980	368,609.7132
378,841	4		0.74722028	1.03759093	393,081.6524
324,786	4		0.64060272	1.06988869	347,484.4203

290,375	4		0.57273114	1.09536151	318,065.2592
280,482	4		0.55321947	1.10339165	309,481.7952
291,237	4		0.57443186	1.09467654	318,810.2596
351,174	4		0.69265014	1.05294378	369,766.0812
298,119	4		0.58800520	1.08929578	324,739.3741
299,037	4		0.58981704	1.08858909	325,528.6769
284,114	4		0.56038275	1.10040687	312,641.0596
274,754	4		0.54192017	1.10818636	304,478.1062
303,693	4		0.59899997	1.08504927	329,521.8492
320,847	4		0.63283511	1.07261029	344,144.2219
450,972	4		0.88949069	1.00918062	455,111.9827
464,200	4		0.91558113	1.00579262	466,888.5639
426,791	4		0.84179618	1.01683379	433,975.1671
388,042	4		0.76536793	1.03303263	400,859.5739
387,733	4		0.76476018	1.03318086	400,598.7390
398,744	4		0.78647719	1.02807418	409,938.3408
338,111	4		0.66688492	1.06105119	358,752.7137
284,691	4		0.56152064	1.09993666	313,142.0262
274,294	4		0.54101406	1.10857544	304,075.7326
309,891	4		0.61122414	1.08044566	334,819.9952
310,878	4		0.61317157	1.07972370	335,662.3294
347,299	4		0.68500877	1.05529081	366,501.9135
375,664	4		0.74095415	1.03922830	390,400.4033
374,128	4		0.73792407	1.04003176	389,104.4838
405,046	4		0.79890735	1.02532733	415,304.7591
379,764	4		0.74904062	1.03712137	393,860.9394
346,580	4		0.68359017	1.05573186	365,895.7771
358,918	4		0.70792450	1.04839750	376,288.4427
377,197	4		0.74397779	1.03843414	391,693.9725
384,697	4		0.75877139	1.03465793	398,029.8999
381,029	4		0.75153675	1.03648196	394,929.8221
382,088	4		0.75362469	1.03595108	395,824.1839
378,726	4		0.74699479	1.03764928	392,985.1326
332,707	4		0.65622678	1.06456596	354,188.5232
441,915	4		0.87162700	1.01182603	447,140.9871
464,492	4		0.91615833	1.00572405	467,151.0480
435,096	4		0.85817774	1.01399239	441,184.1484
409,373	4		0.80744139	1.02351567	418,999.4573
389,899	4		0.76903173	1.03214551	402,432.5913
381,689	4		0.75283834	1.03615059	395,487.3248
368,468	4		0.72676084	1.04305754	384,333.0615
440,618	4		0.86906950	1.01222643	446,005.4241
411,521	4		0.81167937	1.02263845	420,837.6508
390,630	4		0.77047272	1.03179965	403,051.5572

371,646	4		0.73302905	1.04134582	387,011.7252
354,880	4		0.69996056	1.05074375	372,887.9456
339,601	4		0.66982376	1.06009862	360,010.1762
321,639	4		0.63439725	1.07205893	344,816.3969
356,234	4		0.70263089	1.04995118	374,028.1632
403,549	4		0.79595386	1.02596839	414,028.1147
395,884	4		0.78083543	1.02936320	407,507.9711
430,710	4		0.84952719	1.01546510	437,371.2610
309,182	4		0.60982623	1.08096583	334,215.0688
297,724	4		0.58722626	1.08960043	324,399.8862
300,303	4		0.59231294	1.08762005	326,615.1949
295,896	4		0.58362147	1.09101687	322,827.6232
283,872	4		0.55990464	1.10060477	312,430.4921
295,083	4		0.58201680	1.09165087	322,127.0873
459,519	4		0.90634907	1.00692690	462,702.0192
443,855	4		0.87545451	1.01123693	448,843.0095
424,321	4		0.83692556	1.01772154	431,840.8852
420,550	4		0.82948718	1.01911528	428,588.9312
370,494	4		0.73075720	1.04196245	386,040.7331
383,347	4		0.75610846	1.03532427	396,888.4418
423,089	4		0.83449506	1.01817190	430,777.3226
380,022	4		0.74955052	1.03699033	394,079.2565
320,809	4		0.63275933	1.07263709	344,111.6115
313,980	4		0.61928986	1.07747600	338,305.8699
338,099	4		0.66686234	1.06105854	358,743.0498
392,463	4		0.77408959	1.03093914	404,605.9054
397,398	4		0.78382303	1.02867731	408,794.5875
341,176	4		0.67293185	1.05909898	361,339.6271
317,478	4		0.62618908	1.07497865	341,281.9249
276,950	4		0.54625286	1.10633532	306,399.7875
274,453	4		0.54132648	1.10844121	304,214.4888
274,537	4		0.54149385	1.10836933	304,288.8122
276,414	4		0.54519493	1.10678585	305,930.9158
288,398	4		0.56883276	1.09694067	316,355.7219
295,764	4		0.58336147	1.09111945	322,714.1411
286,143	4		0.56438431	1.09875804	314,401.7531
285,064	4		0.56225608	1.09963332	313,465.6874
280,433	4		0.55312154	1.10343275	309,438.5401
328,385	4		0.64770179	1.06744511	350,532.7569
319,140	4		0.62946658	1.07380611	342,694.0060
276,469	4		0.54530456	1.10673912	305,979.5155
304,105	4		0.59981279	1.08473931	329,874.7397
323,942	4		0.63893812	1.07046772	346,769.0529
282,958	4		0.55810276	1.10135228	311,636.5470

339,604	4		0.66983042	1.06009647	360,013.0232
319,924	4		0.63101412	1.07325557	343,360.3838
278,982	4		0.55026021	1.10463714	308,173.7975
274,748	4		0.54190837	1.10819142	304,472.8702
274,753	4		0.54191981	1.10818651	304,477.9471
315,239	4		0.62177296	1.07657263	339,377.5591
383,677	4		0.75675861	1.03516104	397,167.0824
295,046	4		0.58194481	1.09167936	322,095.6486
312,522	4		0.61641442	1.07852849	337,064.0034
275,366	4		0.54312906	1.10766832	305,014.6750
274,508	4		0.54143530	1.10839447	304,262.8141
276,097	4		0.54456937	1.10705270	305,653.5656
278,559	4		0.54942553	1.10498975	307,804.5553
274,662	4		0.54174039	1.10826350	304,398.2850
277,148	4		0.54664380	1.10616906	306,572.9919
280,209	4		0.55268015	1.10361810	309,243.5441
281,278	4		0.55478952	1.10273380	310,175.0765
277,641	4		0.54761529	1.10575647	307,003.2775
372,432	4		0.73458084	1.04092709	387,675.0635
346,412	4		0.68325865	1.05583517	365,754.1176
346,219	4		0.68287761	1.05595403	365,591.2947
365,826	4		0.72155057	1.04450516	382,107.2903
364,341	4		0.71862186	1.04532876	380,856.4236
310,282	4		0.61199670	1.08015887	335,154.2096
324,530	4		0.64009811	1.07006398	347,267.5844
323,153	4		0.63738204	1.07101107	346,100.1126
280,255	4		0.55277205	1.10357950	309,284.1443
275,239	4		0.54287707	1.10777620	304,902.8548
281,053	4		0.55434512	1.10291980	309,978.8925
339,085	4		0.66880615	1.06042765	359,574.8084
364,822	4		0.71957014	1.04506131	381,261.4231
275,140	4		0.54268171	1.10785987	304,816.1545
289,208	4		0.57042963	1.09629228	317,056.3050
275,085	4		0.54257426	1.10790591	304,768.4639
275,022	4		0.54244995	1.10795918	304,713.2883
275,007	4		0.54241941	1.10797227	304,699.7342
275,018	4		0.54244214	1.10796253	304,709.8202
298,429	4		0.58861812	1.08905641	325,006.4360
311,680	4		0.61475253	1.07913992	336,345.8248
294,683	4		0.58122923	1.09196281	321,783.1152
290,676	4		0.57332520	1.09512198	318,325.5396
275,522	4		0.54343670	1.10753668	305,151.1726
292,972	4		0.57785314	1.09330586	320,307.5038
293,487	4		0.57886963	1.09290049	320,751.9817

280,433	4		0.55312133	1.10343284	309,438.4442
274,934	4		0.54227640	1.10803357	304,636.2534
275,018	4		0.54244224	1.10796249	304,709.8675
275,049	4		0.54250239	1.10793671	304,736.5641
278,614	4		0.54953467	1.10494361	307,852.8447
275,088	4		0.54257992	1.10790348	304,770.9779
274,843	4		0.54209624	1.10811083	304,556.2762
275,111	4		0.54262447	1.10788440	304,790.7491
275,076	4		0.54255630	1.10791361	304,760.4936
276,192	4		0.54475702	1.10697262	305,736.7714
276,060	4		0.54449634	1.10708387	305,621.1779
281,568	4		0.55536044	1.10249510	310,427.0572
278,847	4		0.54999447	1.10474934	308,056.2530
276,554	4		0.54547182	1.10666784	306,053.6565
276,523	4		0.54540956	1.10669438	306,026.0569
276,521	4		0.54540658	1.10669564	306,024.7378
275,721	4		0.54382857	1.10736912	305,325.0133
275,076	4		0.54255645	1.10791354	304,760.5599
275,475	4		0.54334293	1.10757679	305,109.5707
275,214	4		0.54282916	1.10779672	304,881.5927
275,487	4		0.54336606	1.10756690	305,119.8315
274,621	4		0.54165926	1.10829832	304,362.2639
282,585	4		0.55736632	1.10165857	311,311.8799
284,923	4		0.56197859	1.09974772	313,343.5800
277,971	4		0.54826538	1.10548081	307,291.1065
274,709	4		0.54183314	1.10822369	304,439.4705
274,775	4		0.54196307	1.10816795	304,497.1527
274,818	4		0.54204702	1.10813194	304,534.4245
279,343	4		0.55097331	1.10433635	308,489.1424
276,754	4		0.54586514	1.10650033	306,227.9769
274,931	4		0.54227012	1.10803627	304,633.4627
274,463	4		0.54134749	1.10843218	304,223.8182
274,863	4		0.54213552	1.10809398	304,573.7124
278,175	4		0.54866887	1.10530990	307,469.7107
276,633	4		0.54562731	1.10660160	306,122.5751
275,325	4		0.54304765	1.10770316	304,978.5510
275,743	4		0.54387106	1.10735096	305,343.8615
275,164	4		0.54272989	1.10783924	304,837.5337
275,514	4		0.54342081	1.10754348	305,144.1210
276,659	4		0.54567821	1.10657993	306,145.1325
276,186	4		0.54474514	1.10697769	305,731.5031
275,156	4		0.54271488	1.10784567	304,830.8739
333,587	4		0.65796217	1.06398726	354,932.1229
389,694	4		0.76862801	1.03224271	402,259.2074

465,592	4		0.91832761	1.00546882	468,138.3387
462,727	4		0.91267701	1.00614180	465,569.2224
491,081	4		0.96860158	1.00064746	491,398.9558
462,397	4		0.91202536	1.00622112	465,273.4844
424,577	4		0.83742930	1.01762881	432,061.4361
481,485	4		0.94967518	1.00221643	482,552.4977
451,290	4		0.89011736	1.00909263	455,392.9066
432,440	4		0.85293915	1.01487682	438,873.4815
389,186	4		0.76762609	1.03248454	401,828.9700
329,388	4		0.64968063	1.06677142	351,381.7911
334,482	4		0.65972819	1.06340090	355,688.6648
310,000	4		0.61143918	1.08036578	334,913.0308
288,705	4		0.56943810	1.09669463	316,621.3513
290,863	4		0.57369381	1.09497350	318,487.0143
303,812	4		0.59923553	1.08495938	329,624.1289
305,460	4		0.60248531	1.08372405	331,034.4090
301,795	4		0.59525679	1.08648374	327,895.5662
276,111	4		0.54459771	1.10704060	305,666.1317
275,178	4		0.54275655	1.10782782	304,849.3656
275,248	4		0.54289624	1.10776799	304,911.3597
276,409	4		0.54518540	1.10678992	305,926.6933
293,718	4		0.57932642	1.09271861	320,951.6668
290,308	4		0.57259886	1.09541489	318,007.2939
342,194	4		0.67493805	1.05845799	362,197.5408
374,864	4		0.73937761	1.03964539	389,726.0931
379,121	4		0.74777269	1.03744814	393,318.1228
437,419	4		0.86275980	1.01323747	443,209.5462
427,611	4		0.84341446	1.01654319	434,685.1816
405,861	4		0.80051438	1.02498156	415,999.8267
367,068	4		0.72400063	1.04382163	383,153.8498
399,808	4		0.78857536	1.02760152	410,843.0109
398,723	4		0.78643589	1.02808352	409,920.5380
358,442	4		0.70698677	1.04867103	375,888.0459
305,444	4		0.60245346	1.08373612	331,020.5934
314,332	4		0.61998395	1.07722297	338,605.5006
277,455	4		0.54724793	1.10591240	306,840.5923
274,992	4		0.54239046	1.10798468	304,686.8834
282,112	4		0.55643455	1.10204673	310,900.9579
293,177	4		0.57825788	1.09314435	320,484.5029
284,568	4		0.56127738	1.10003709	313,034.9500
324,957	4		0.64094015	1.06977160	347,629.4028
276,746	4		0.54584979	1.10650686	306,221.1764
274,871	4		0.54215263	1.10808664	304,581.3107
280,186	4		0.55263453	1.10363726	309,223.3879

287,273	4		0.56661285	1.09784554	315,381.0691
275,006	4		0.54241730	1.10797318	304,698.7965
277,221	4		0.54678745	1.10610800	306,636.6302
294,714	4		0.58128901	1.09193911	321,809.2300
348,252	4		0.68688803	1.05470911	367,304.8006
414,350	4		0.81725885	1.02150628	423,261.3714
494,644	4		0.97562869	1.00014057	494,713.2766
492,257	4		0.97092116	1.00047561	492,491.1481
492,141	4		0.97069220	1.00049237	492,383.2622
491,702	4		0.96982614	1.00055618	491,975.3274
492,543	4		0.97148444	1.00043455	492,756.6463
453,184	4		0.89385482	1.00857458	457,070.2602
350,353	4		0.69103143	1.05343692	369,074.7161
317,699	4		0.62662434	1.07482242	341,469.5124
300,219	4		0.59214701	1.08768431	326,542.9882
273,955	4		0.54034609	1.10886270	303,778.9971
273,962	4		0.54035888	1.10885719	303,784.6813
312,121	4		0.61562319	1.07881931	336,722.1173
357,774	4		0.70566876	1.04905672	375,325.2830
317,674	4		0.62657566	1.07483988	341,448.5344
361,758	4		0.71352706	1.04677846	378,680.7126
375,051	4		0.73974489	1.03954803	389,883.1773
372,217	4		0.73415575	1.04104160	387,493.3461
395,085	4		0.77925987	1.02972790	406,829.7908
388,776	4		0.76681701	1.03268043	401,481.5993
398,332	4		0.78566512	1.02825809	409,588.3244
477,279	4		0.94137826	1.00299793	478,709.6267
471,912	4		0.93079197	1.00407798	473,835.9762
439,925	4		0.86770125	1.01244287	445,398.4538
437,997	4		0.86389970	1.01305238	443,714.0534
461,207	4		0.90967923	1.00650959	464,209.6408
473,497	4		0.93391970	1.00374920	475,272.5267
482,891	4		0.95244683	1.00196809	483,840.9179
487,749	4		0.96202901	1.00115864	488,313.8305
434,779	4		0.85755270	1.01409672	440,908.1810
399,041	4		0.78706341	1.02794175	410,191.0558
329,543	4		0.64998609	1.06666772	351,512.8241
304,975	4		0.60152851	1.08408685	330,619.3379
286,142	4		0.56438302	1.09875857	314,401.1843
272,687	4		0.53784367	1.10994216	302,666.5113
272,127	4		0.53673963	1.11042006	302,175.2716
322,549	4		0.63619190	1.07142800	345,588.3474
363,762	4		0.71747847	1.04565223	380,368.1122
308,763	4		0.60899969	1.08127416	333,857.2806

321,350	4		0.63382644	1.07226016	344,570.8094
319,478	4		0.63013470	1.07356818	342,981.7296
353,908	4		0.69804347	1.05131640	372,069.3243
384,190	4		0.75777167	1.03490740	397,601.3179
383,768	4		0.75693979	1.03511562	397,244.7374
390,038	4		0.76930582	1.03207959	402,550.3103
394,542	4		0.77818991	1.02997674	406,369.3755
433,750	4		0.85552247	1.01443783	440,012.2990
448,554	4		0.88472150	1.00986098	452,976.9815
422,218	4		0.83277628	1.01849333	430,025.7870
445,790	4		0.87926976	1.01066182	450,542.6982
418,103	4		0.82466061	1.02004420	426,483.4691
389,001	4		0.76725956	1.03257321	401,671.5962
370,229	4		0.73023533	1.04210470	385,817.7059
351,188	4		0.69267848	1.05293517	369,778.1852
372,178	4		0.73407867	1.04106238	387,460.3932
378,485	4		0.74651956	1.03777241	392,781.7211
371,463	4		0.73266785	1.04144357	386,857.3359
340,283	4		0.67116979	1.05966472	360,585.9792
297,565	4		0.58691248	1.08972330	324,263.1086
273,718	4		0.53987837	1.10906406	303,571.1683
273,348	4		0.53914817	1.10937879	303,246.6091
273,649	4		0.53974095	1.10912326	303,510.0972
273,499	4		0.53944604	1.10925035	303,379.0211
274,278	4		0.54098162	1.10858938	304,061.3253
305,074	4		0.60172305	1.08401303	330,703.7399
340,233	4		0.67107143	1.05969637	360,543.9018
314,310	4		0.61993997	1.07723899	338,586.5176
301,767	4		0.59520043	1.08650542	327,871.0684
297,705	4		0.58718978	1.08961471	324,383.9865
275,338	4		0.54307382	1.10769196	304,990.1607
279,015	4		0.55032460	1.10460996	308,202.2744
301,532	4		0.59473715	1.08668379	327,669.6473
337,516	4		0.66571110	1.06143367	358,250.3469
409,615	4		0.80791885	1.02341609	419,206.4375
454,677	4		0.89679865	1.00817470	458,393.7656
481,885	4		0.95046401	1.00214511	482,918.9460
491,009	4		0.96845899	1.00065817	491,331.8755
490,853	4		0.96815281	1.00068122	491,187.8543
490,436	4		0.96732957	1.00074359	490,800.7750
443,577	4		0.87490476	1.01132080	448,598.3550
396,010	4		0.78108479	1.02930567	407,615.3236
339,049	4		0.66873582	1.06045042	359,544.7171
307,426	4		0.60636290	1.08226155	332,715.3299

313,927	4		0.61918611	1.07751385	338,261.0749
363,599	4		0.71715695	1.04574339	380,230.8049
457,691	4		0.90274292	1.00738916	461,072.6130
484,507	4		0.95563480	1.00169033	485,325.8203
492,270	4		0.97094655	1.00047375	492,503.1157
491,313	4		0.96905969	1.00061316	491,614.5176
491,555	4		0.96953635	1.00057767	491,838.8869
490,980	4		0.96840148	1.00066249	491,304.8211
474,621	4		0.93613646	1.00352110	476,292.3713
469,046	4		0.92514071	1.00469261	471,247.3908
458,307	4		0.90395904	1.00723207	461,621.7408
429,533	4		0.84720431	1.01587113	436,349.7519
439,056	4		0.86598723	1.01271619	444,638.6420
440,332	4		0.86850563	1.01231543	445,755.2412
488,489	4		0.96348966	1.00104194	488,998.2350
487,040	4		0.96063167	1.00127193	487,659.7406
488,349	4		0.96321284	1.00106392	488,868.4724
485,872	4		0.95832663	1.00146237	486,582.1212
429,652	4		0.84744000	1.01582972	436,453.3557
375,568	4		0.74076627	1.03927790	390,320.0377
322,085	4		0.63527665	1.07174944	345,194.6953
332,495	4		0.65580777	1.06470607	354,008.9542
313,683	4		0.61870414	1.07768983	338,052.9774
287,217	4		0.56650315	1.09789036	315,332.8836
285,563	4		0.56323999	1.09922820	313,898.5448
345,922	4		0.68229119	1.05613718	365,340.6972
429,097	4		0.84634435	1.01602258	435,971.8208
393,160	4		0.77546378	1.03061504	405,196.7533
432,354	4		0.85276972	1.01490580	438,798.8361
451,797	4		0.89111770	1.00895283	455,841.5335
449,086	4		0.88577138	1.00970959	453,446.5284
438,968	4		0.86581434	1.01274390	444,562.0340
454,182	4		0.89582251	1.00830650	457,954.6744
449,486	4		0.88656017	1.00959645	453,799.4735
464,594	4		0.91635909	1.00570026	467,242.3675
472,514	4		0.93197977	1.00395217	474,381.1960
472,543	4		0.93203665	1.00394617	474,407.3167
472,926	4		0.93279265	1.00386674	474,754.5532
488,266	4		0.96304867	1.00107698	488,791.5287
498,997	4		0.98421433	0.99957686	498,785.5208
457,608	4		0.90258002	1.00741030	460,999.0853
397,555	4		0.78413177	1.02860685	408,927.5949
427,470	4		0.84313527	1.01659317	434,562.6575
380,810	4		0.75110466	1.03659227	394,744.7687

367,329	4		0.72451495	1.04367877	383,373.5656
363,578	4		0.71711692	1.04575474	380,213.7108
350,936	4		0.69218174	1.05308626	369,566.0300
328,271	4		0.64747728	1.06752175	350,436.4102
335,623	4		0.66197817	1.06265760	356,652.2583
344,224	4		0.67894272	1.05718847	363,909.6008
364,471	4		0.71887701	1.04525673	380,965.3903
314,616	4		0.62054535	1.07701860	338,847.8149
365,877	4		0.72165187	1.04447680	382,150.5578
411,754	4		0.81213821	1.02254437	421,036.8092
414,818	4		0.81818183	1.02132148	423,662.7282
444,076	4		0.87589020	1.01117065	449,036.9509
460,476	4		0.90823742	1.00668914	463,556.5619
465,357	4		0.91786317	1.00552314	467,926.8572
473,762	4		0.93444140	1.00369515	475,512.4130
473,811	4		0.93453917	1.00368505	475,557.3764
484,987	4		0.95658230	1.00160941	485,767.7690
489,389	4		0.96526447	1.00090252	489,830.7716
489,678	4		0.96583334	1.00085839	490,097.8354
491,096	4		0.96863093	1.00064526	491,412.7634
489,403	4		0.96529152	1.00090042	489,843.4655
485,380	4		0.95735609	1.00154387	486,128.8988
481,421	4		0.94954896	1.00222789	482,493.8784
477,503	4		0.94182141	1.00295474	478,914.3559
436,879	4		0.86169332	1.01341163	442,737.7672
387,035	4		0.76338167	1.03351822	400,007.2153
319,818	4		0.63080398	1.07333021	343,269.9103
299,015	4		0.58977412	1.08860580	325,509.9849
362,987	4		0.71594992	1.04608636	379,715.3415
353,552	4		0.69734095	1.05152701	371,769.3339
337,996	4		0.66665823	1.06112497	358,655.6988
314,962	4		0.62122638	1.07677104	339,141.7175
363,154	4		0.71627972	1.04599253	379,856.1801
379,694	4		0.74890382	1.03715656	393,802.3698
343,192	4		0.67690745	1.05783201	363,039.5652
367,604	4		0.72505783	1.04352823	383,605.4822
361,957	4		0.71391866	1.04666627	378,847.9323
361,505	4		0.71302684	1.04692196	378,467.1121
360,826	4		0.71168837	1.04730694	377,895.5772
389,547	4		0.76833672	1.03231293	402,134.1158
433,607	4		0.85524051	1.01448548	439,887.9417
434,235	4		0.85647995	1.01427654	440,434.7090
468,395	4		0.92385647	1.00483598	470,660.3785
472,637	4		0.93222271	1.00392658	474,492.7598

473,119	4		0.93317369	1.00382689		474,929.6313
472,904	4		0.93274906	1.00387131		474,734.5292
448,365	4		0.88434957	1.00991483		452,810.6966
449,687	4		0.88695709	1.00953971		453,977.1298
409,976	4		0.80863147	1.02326783		419,515.4108
349,558	4		0.68946325	1.05391674		368,404.8899
357,272	4		0.70467820	1.04934753		374,902.3345
318,214	4		0.62764140	1.07445798		341,907.7728
327,164	4		0.64529392	1.06826924		349,499.2565
372,538	4		0.73478878	1.04087113		387,763.9581
420,642	4		0.82966837	1.01908079		428,668.0419
432,944	4		0.85393237	1.01470738		439,311.1798
464,947	4		0.91705437	1.00561815		467,558.7059
430,470	4		0.84905394	1.01554746		437,163.0644
421,461	4		0.83128378	1.01877444		429,373.5688
466,314	4		0.91975153	1.00530341		468,787.0803
448,208	4		0.88403896	1.00995989		452,671.8551
461,691	4		0.91063257	1.00639182		464,641.7556
441,050	4		0.86992041	1.01209261		446,383.0889
465,684	4		0.91850856	1.00544771		468,220.7487
472,435	4		0.93182446	1.00396855		474,309.8850
463,210	4		0.91362953	1.00602650		466,001.7092
447,695	4		0.88302743	1.01010719		452,219.8471
433,140	4		0.85431981	1.01464151		439,481.9726
474,724	4		0.93633943	1.00350041		476,385.8233
457,676	4		0.90271390	1.00739293		461,059.5118
387,106	4		0.76352189	1.03348383		400,067.3775
387,282	4		0.76387040	1.03339843	24.53557347	400,216.9144
354,815	4		0.69983274	1.05078183		372,833.3664
364,822	4		0.71956993	1.04506137		381,261.3322
313,239	4		0.61782937	1.07800972		337,675.2159
292,236	4		0.57640162	1.09388620		319,672.5157
313,394	4		0.61813450	1.07789807		337,806.9954

Datos utilizados son solamente para propósitos de ilustración.

Dependable Capacity = **507,000.00**
(Valores de EDH, OH & EFMH van dentro de la hoja de trabajo EA en el mes relevante)

NEO KWH	MW Promedio Según declarado por EcoEléctrica o Salida Forzada *	KW Promedio Ajustado a 507000 KW	Penalidad no poder subir **	Available Capacity KW	Derating/Outage KW	Derating (Equivalent Derated Hours)	Outage Hours	Force Majeure Flag	(Equivalent Force Majeure Hours)
324,549	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
300,664	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
292,513	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
281,394	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,977	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
275,011	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
279,736	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,929	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,963	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
292,328	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
286,427	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,749	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,756	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,733	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,697	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
287,589	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
344,120	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
379,411	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
468,484	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
472,036	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
473,683	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,508	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
420,739	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
403,272	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
333,172	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
298,338	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
299,740	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
277,927	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
286,182	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
362,285	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
357,532	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
342,388	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
405,383	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
438,343	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
447,955	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
473,834	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
472,381	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
458,960	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
472,343	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
474,093	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
473,747	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,931	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
473,236	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
470,263	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,931	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
446,646	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
398,183	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
427,808	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
403,075	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
399,329	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
326,813	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
288,923	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
289,578	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
358,356	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
431,699	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
431,913	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
462,635	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
457,586	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,473	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,285	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
475,008	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
468,452	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,401	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
477,039	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
474,624	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
452,429	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
450,263	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
466,060	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
459,328	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
465,704	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
413,002	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
410,611	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
401,906	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
374,981	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
367,205	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
292,352	N/A	507,000		507,000	0	0.00%	0.00%		0.00%

274,477	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,213	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,853	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
458,388	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,659	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,879	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,032	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,150	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
426,106	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,757	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
425,841	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,736	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,218	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
463,505	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,021	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,728	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
422,603	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
360,728	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
408,141	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
422,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
360,580	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
319,164	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
326,135	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
403,314	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
454,939	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,720	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
459,277	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
467,542	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
469,431	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
468,946	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
460,738	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,659	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
459,788	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,572	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
467,650	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,282	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
452,395	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
441,524	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
434,522	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
449,973	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,125	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
391,066	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
437,618	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,670	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
365,769	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,605	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
310,075	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,132	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
436,373	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
395,698	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,438	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
446,901	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
426,221	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
441,769	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,163	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
414,304	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
400,077	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
461,243	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,934	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
426,053	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
467,038	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
460,157	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
417,330	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
436,898	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
376,973	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
366,374	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
408,705	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
352,880	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
316,048	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,470	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,094	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,888	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
302,203	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,710	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,765	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,538	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,219	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
417,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
413,458	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
410,544	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,165	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
463,188	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,978	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

472,897	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
488,414	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
492,907	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
487,768	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,754	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
416,929	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,148	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
287,901	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,823	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
279,785	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,717	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,807	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,304	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
284,124	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,648	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,892	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
323,966	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,338	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,715	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
298,752	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
293,640	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,609	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
349,132	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,731	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
466,327	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,572	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
468,545	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
468,100	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
452,498	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
375,182	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
373,154	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
334,958	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
272,544	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
272,840	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
270,996	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,308	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
364,231	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,492	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
357,597	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
410,340	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
453,599	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
459,558	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
454,583	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,142	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
440,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
419,338	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,901	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,950	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,371	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
469,798	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,258	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,363	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
449,511	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
367,927	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
440,271	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
381,838	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,516	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
305,162	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
282,717	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
282,865	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
354,141	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
419,564	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
412,540	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,682	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,254	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,074	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,328	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
436,213	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
463,868	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,199	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,546	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,938	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
466,503	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,272	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
475,121	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,229	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
460,973	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
406,451	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
382,255	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,934	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,362	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
310,719	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
302,651	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
316,239	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
366,208	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

401,816	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
355,787	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,579	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
348,883	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
351,859	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
404,598	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
420,872	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
393,900	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
363,821	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,811	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,527	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
309,849	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
446,954	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
470,461	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,360	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
438,165	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
377,481	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,057	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
322,767	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,405	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,816	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,452	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,347	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,800	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
321,407	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,744	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,695	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,663	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,200	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,114	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,098	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,065	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
308,899	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,698	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
349,487	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
355,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
462,372	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,236	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,403	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,503	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
434,087	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,108	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,649	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,640	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,368	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,724	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
283,602	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
349,801	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
378,841	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,786	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
290,375	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,482	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,237	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
351,174	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
298,119	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
299,037	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
284,114	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,754	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,693	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
320,847	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
450,972	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,200	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
426,791	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
388,042	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
387,733	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
398,744	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,111	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
284,691	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,294	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
309,891	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
310,878	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
347,299	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
375,664	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
374,128	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,046	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
379,764	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,580	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
358,918	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
377,197	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
384,697	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
381,029	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
382,088	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
378,726	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
332,707	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
441,915	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

464,492	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,096	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
409,373	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,899	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
381,689	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
368,468	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
440,618	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
411,521	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
390,630	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,646	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
354,880	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
339,601	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
321,639	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
356,234	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
403,549	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
395,884	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
430,710	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
309,182	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
297,724	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
300,303	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,896	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
283,872	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,083	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
459,519	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,855	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
424,321	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
420,550	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
370,494	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
383,347	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
423,089	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,022	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
320,809	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,099	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
392,463	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
397,398	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
341,176	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
317,478	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,950	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,453	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,537	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,414	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
288,398	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,764	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
286,143	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,064	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,385	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
319,140	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,469	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
304,105	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
323,942	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
282,958	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
339,604	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
319,924	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
278,982	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,748	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,753	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
315,239	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
383,677	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,046	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
312,522	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,366	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,508	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,097	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
278,559	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,662	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,148	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,209	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,278	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,641	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,432	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,412	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,219	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
365,826	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
364,341	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
310,282	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,530	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
323,153	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,255	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,239	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,053	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
339,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
364,822	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,140	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

289,208	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,022	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,007	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,018	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
298,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,680	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
294,683	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
290,676	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,522	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
292,972	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
293,487	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,934	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,018	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,049	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
278,614	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,088	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,843	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,111	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,076	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,192	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,060	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,568	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
278,847	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,554	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,523	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,521	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,721	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,076	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,475	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,214	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,487	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,621	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
282,585	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
284,923	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,971	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,709	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,775	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,818	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
279,343	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,754	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,931	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,463	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,863	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
278,175	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,633	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,325	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,743	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,164	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,514	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,659	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,186	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,156	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
333,587	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,694	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,592	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
462,727	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,081	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
462,397	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
424,577	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
481,485	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
451,290	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,440	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,186	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,388	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
334,482	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
310,000	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
288,705	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
290,863	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,812	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
305,460	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,795	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,111	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,178	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,248	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,409	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
293,718	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
290,308	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,194	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
374,864	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
379,121	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
437,419	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
427,611	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,861	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

367,068	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
399,808	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
398,723	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
358,442	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
305,444	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
314,332	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,455	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,992	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
282,112	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
293,177	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
284,568	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,957	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
276,746	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,871	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,186	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
287,273	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,006	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,221	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
294,714	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
348,252	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
414,350	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
494,644	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
492,257	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
492,141	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,702	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
492,543	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
453,184	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
350,353	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
317,699	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
300,219	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,955	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,962	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
312,121	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
357,774	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
317,674	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
361,758	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
375,051	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,217	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
395,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
388,776	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
398,332	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
477,279	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,912	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
439,925	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
437,997	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
461,207	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,497	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
482,891	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
487,749	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
434,779	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
399,041	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,543	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
304,975	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
286,142	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
272,687	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
272,127	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
322,549	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
363,762	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
308,763	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
321,350	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
319,478	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
353,908	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
384,190	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
383,768	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
390,038	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
394,542	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
433,750	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
448,554	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
422,218	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
445,790	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
418,103	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,001	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
370,229	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
351,188	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,178	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
378,485	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,463	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
340,283	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
297,565	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,718	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,348	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,649	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
273,499	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
274,278	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
305,074	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

340,233	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
314,310	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,767	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
297,705	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,338	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
279,015	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,532	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,516	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
409,615	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
454,677	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
481,885	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,009	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
490,853	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
490,436	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,577	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
396,010	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
339,049	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
307,426	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,927	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
363,599	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
457,691	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
484,507	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
492,270	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,313	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,555	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
490,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
474,621	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
469,046	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
458,307	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
429,533	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
439,056	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
440,332	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
488,489	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
487,040	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
488,349	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
485,872	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
429,652	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
375,568	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
322,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
332,495	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,683	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
287,217	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,563	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
345,922	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
429,097	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
393,160	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,354	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
451,797	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
449,086	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
438,968	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
454,182	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
449,486	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,594	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,514	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,543	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
488,266	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
498,997	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
457,608	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
397,555	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
427,470	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,810	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
367,329	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
363,578	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
350,936	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,271	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,623	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
344,224	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
364,471	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
314,616	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
365,877	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
411,754	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
414,818	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
444,076	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
460,476	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,357	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,762	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,811	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
484,987	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
489,389	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
489,678	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,096	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
489,403	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
485,380	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
481,421	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

477,503	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
436,879	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
387,035	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
319,818	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
299,015	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
362,987	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
353,552	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,996	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
314,962	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
363,154	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
379,694	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
343,192	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
367,604	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
361,957	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
361,505	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
360,826	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,547	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
433,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
434,235	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
468,395	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,637	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,119	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,904	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
448,365	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
449,687	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
409,976	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
349,558	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
357,272	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,214	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
327,164	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,538	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
420,642	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,944	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
464,947	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
430,470	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
421,461	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
466,314	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
448,208	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
461,691	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
441,050	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,684	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,435	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
463,210	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
447,695	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
433,140	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
474,724	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
457,676	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
387,106	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
387,282	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
354,815	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
364,822	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,239	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
292,236	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,394	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
351,880	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,624	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
352,472	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
400,160	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
433,709	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
465,774	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,750	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
461,265	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
471,296	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
467,171	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,100	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
472,964	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
473,339	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
460,737	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,474	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
394,077	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
411,679	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
387,975	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,658	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

Sum of Avail. Cap.	377,208,000	EDH =	0.0	OH =	0.0	EFMH =	0.0
	96.10%					EAF =	96.10%

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Datos utilizados son solamente para propósitos de ilustración.

Week	SPF declarado por ECO (\$/MMBtu)	Cantidad declarada por ECO (MMBtu)	<i>Spot Fuel Price</i> organizado por Precio (Ejecutar Macro Msfp - Ctrl M)							BTU Equivalentes Balance
			Semana que comienza en		Mejor					
MMBTU equivalentes reportados:										186,079
1	11.50	138,079	11/26/19	1	11.50	138,079	11/26/19	1		48,000
2	11.50	6,000	12/03/19	2	11.50	21,000	12/03/19	2		27,000
3	11.50	21,000	12/10/19	3	11.50	21,000	12/10/19	3		6,000
4	11.50	21,000	12/17/19	4	11.50	6,000	12/17/19	4		0
5				5				5		0
6				6				6		0
Total		186,079								

kWh por encima de XDL: 0 kWh
MMBtu equivalentes: 0 MMBtu

Costo kWh por encima XDL: \$0.00 USD

BTU Equivalentes Utilizados		Promedio Pesado SPF
0		
138,079	-138,079	0
21,000	0	0
21,000	0	0
6,000	0	0
0	0	0
0	0	0
0	SPF=	\$0.00

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Month	# dias	OH	Accum. OH 12 Months	AH	Accum. AH 12 Months	Derated Capacity Reduction (MW)	Derated Hours	EDH	Accum. EDH 12 Months	PH	Accum. PH 12 Months	EFMH	Accum. EFMH 12 Months	EAF	EAAF
1 Marzo	11	18.0	18.00	246	246	-	-	31.8	31.8	264	264.0	0.0	0.0	81.1%	86.7%
2 Abril	30	55.0	73.00	665	911.00	-	-	47.0	78.8	720	984.0	0.0	0.0	85.8%	94.7%
3 Mayo	31	0.0	73.00	744	1655.00	-	-	28.9	107.7	744	1728.0	0.0	0.0	96.1%	100.0%
4 Junio	30	46.0	119.00	674	2329.00	-	-	174.2	281.9	720	2448.0	0.0	0.0	69.4%	63.3%
5 Julio	31	35.0	154.00	709	3038.00	-	-	172.7	454.6	744	3192.0	0.0	0.0	72.1%	68.7%
6 Aug	31	0.0	154.00	744	3782.00	-	-	87.9	542.5	744	3936.0	0.0	0.0	88.2%	97.8%
7 Sept.	30	28.0	182.00	692	4474.00	-	-	179.2	721.7	720	4656.0	0.0	0.0	71.2%	66.9%
8 Oct	31	26.0	208.00	718	5192.00	-	-	352.5	1,074.2	744	5400.0	0.0	0.0	49.1%	0.0%
9 Nov	30	48.0	256.00	672	5864.00	-	-	148.9	1,223.1	720	6120.0	0.0	0.0	72.7%	69.9%
10 Dec	31	25.0	281.00	719	6583.00	-	-	192.2	1,415.3	744	6864.0	0.0	0.0	70.8%	66.1%
11 Jan-01	31	0.0	281.00	744	7327.00	-	-	0.0	1,415.3	744	7608.0	0.0	0.0	100.0%	100.0%
12 Feb-01	28	1.0	282.00	671	7998.00	-	-	72.0	1,487.3	672	8280.0	0.0	0.0	89.1%	98.9%
	20	0.0	-	-	-	-	-	119.0	-	480	-	0.0	-	75.2%	70.9%
	11	10.0	-	-	-	-	-	8.5	-	264	-	0.0	-	93.0%	101.0%
13 Mar-01	31	10.0	274.00	734	8486.00	-	-	127.5	1,583.0	744	8760.0	0.0	0.0	-	-
14 Abril-01	30	0.0	219.00	720	8541.00	-	-	6.1	1,542.1	720	8760.0	0.0	0.0	99.2%	101.0%
15 May-01	31	0.0	219.00	744	8541.00	-	-	210.2	1,723.4	744	8760.0	0.0	0.0	77.8%	75.1%
16 Jun-01	30	0.0	173.00	720	8587.00	-	-	217.2	1,766.4	720	8760.0	0.0	0.0	77.9%	75.3%
17 Jul-01	31	7.0	145.00	737	8615.00	-	-	31.0	1,624.7	744	8760.0	0.0	0.0	79.8%	79.1%
18 Aug-01	31	0.0	145.00	744	8615.00	-	-	145.0	1,681.8	744	8760.0	0.0	0.0	79.1%	77.7%
19 Sep-01	30	0.0	117.00	720	8643.00	-	-	26.5	1,529.1	720	8760.0	0.0	0.0	81.2%	81.9%
20 Oct-01	31	18.0	109.00	726	8651.00	-	-	187.6	1,364.2	744	8760.0	0.0	0.0	83.2%	85.9%
21 Nov-01	30	0.0	61.00	720	8699.00	-	-	5.5	1,220.8	720	8760.0	0.0	0.0	85.4%	90.3%
22 Dec-01	31	110.0	146.00	634	8614.00	-	-	70.4	1,099.0	744	8760.0	0.0	0.0	85.8%	91.1%
23 Jan-02	31	0.0	146.00	744	8614.00	-	-	67.8	1,166.8	744	8760.0	0.0	0.0	85.0%	89.5%
24 Feb-02	28	37.0	182.00	635	8578.00	-	-	68.1	1,162.9	672	8760.0	0.0	0.0	84.6%	88.7%
25 Mar-02	31	7.0	179.00	737	8581.00	-	-	135.8	1,171.2	744	8760.0	0.0	0.0	84.6%	88.7%
26 Apr-02	30	0.0	179.00	720	8581.00	-	-	38.4	1,203.5	720	8760.0	0.0	0.0	84.2%	87.9%
27 May-02	31	0.0	179.00	744	8581.00	-	-	51.1	1,044.4	744	8760.0	0.0	0.0	86.0%	91.5%
28 Jun-02	30	4.0	183.00	716	8577.00	-	-	10.0	837.2	720	8760.0	0.0	0.0	88.4%	95.1%
29 Jul-02	31	4.0	180.00	740	8580.00	-	-	242.0	1,048.2	744	8760.0	0.0	0.0	86.0%	91.5%
30 Aug-02	31	37.0	217.00	707	8543.00	-	-	344.6	1,247.8	744	8760.0	0.0	0.0	83.3%	86.1%
31 Sep-02	30	9.0	226.00	711	8534.00	-	-	144.1	1,365.4	720	8760.0	0.0	0.0	81.8%	83.1%

BTU Tracking Account

Datos utilizados son solamente para propósitos de ilustración.

Dependable Capacity	507,000	KW
Energy Purchase Price	\$0.03945224	
Spot Fuel Cost	\$0.00	
Delivery Volume	2,700,000	
Storage Capacity	3,400,000	
Period Hours	744	Hr

Maximum Dispatch Level	76.00%
Target Dispatch Level	76.00%
Minimum Dispatch Level	54.00%
Expected Availability	93.0%
Maximum Positive Balance	800,000
Maximum Negative Balance	400,000

Jun

Availability	96.7%
Capacity Factor	73.7%
Average Correction Factor	1.04148536

Net Electrical Output (NEO)	278,013,454	KWH
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Maximum Dispatch Level (XDL)	286,678,080
Target Dispatch Level (TDL)	286,678,080
Minimum Dispatch Level (MDL)	203,692,320

Beginning BTABo (MMBTU)	800,000	800,000
Ending BTABe (MMBTU)	800,000	

Monthly Fuel Credit (MFC)	0
PREPA Selected Kwh (PSK)	0 KWH

Monthly Energy Payment (Sect 11)
Nominal Energy Payment (NEP)

Beginning BTABo (BTU)	800,000,000,000.00
-----------------------	--------------------

Interim BTABi (\$/MMBTU)

1.1 Si el balance inicial del BTABo >= 0

a) IF NEO > TDL, then

(i) Decrease BTABi = BTABo - (PSK x 7500 x ACF) 8E+11

(ii) IF BTABi > 0, then decrease

BTABe = BTABi - (NEO - TDL - PSK) x 7500 x / 867,680,605,634

But not less than zero 8.67681E+11

(iii) IF BTABi <= 0, then

BTABe = BTABi 8E+11

Escoge BTABe **8.67681E+11**

(iv) Calculate MFC

a) IF BTABe > 0, $MFC = (BTABo - BTABe)/(7500 \times ACF)$ -8664625.637

b) Otherwise $MFC = BTABo/(7500 \times ACF)$ 102417826.3

Escoge MFC -8664625.637

b) IF NEO < TDL and NEO >= MDL, then

(i) BTABe = BTABo **8E+11**

(ii) Calculate MFC = 0 0

c) IF NEO < MDL, then

(i) Increase BTABe = $BTABo + (MDL - NEO) \times 7500$ **2.19467E+11**

(ii) Calculate MFC = 0 0

Calc. BTABe para BTABo >= 0 8E+11

Calc. MFC para BTABo >= 0 0

1.2 Si el balance inicial del BTABo < 0

a) IF NEO > XDL, then

(i) Decrease BTABe = $BTABo - (PSK \times 7500 \times ACF)$

(ii) Calculate MFC = 0

b) IF NEO <= XDL and NEO >= TDL, then

(i) BTABe = BTABo

(ii) Calculate MFC = 0

c) IF NEO < TDL and NEO >= MDL, then

(i) Increase BTABe = $BTABo + (TDL - NEO) \times 7500$

(ii) Calculate MFC = 0

d) IF NEO < MDL, then

(i) Increase BTABi = $BTABo + (MDL - NEO) \times 7500$

(ii) IF BTABi < 0, then

Increase BTABe = $BTABi + (TDL - MDL) \times 7500$

But not greater than zero

Calculate MFC = MDL - NEO

(iii) IF BTABi > 0, then

BTABe = BTABi

Calculate MFC = $(0 - BTABo)/7500$

Escoge BTABe

Escoge MFC

Calc. BTABe para BTUTAO < 0

Calc. MFC para BTUTAO < 0

BTABe = 8E+11

MFC = 0

0

1.3 Set BTABo = BTABe (periodo anterior)

800,000

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)

Datos utilizados son solamente para propósitos de ilustración.

Carry Over EFMH = (Viene del Mes Anterior)	0	
BPH	744	Viene de OH&DH&FMH
EFMH =	0.00	Viene de OH&DH&FMH
Interim FMAF =	1.00	Verifica que el EFMH es mayor o menor de 0.67
Capped EMFH =	0	Si el EFMH < 0.67, recalcula los EMFH a 33% de BPH
Recalculated FMAF =	1.00	Recalcula el EFMH dependiendo del valor del Interim EMFH
Excess EFMH =	0.00	Calcula el exceso de EFMH
Multiplier=	1.005	
Carry Over EFMH =	0	Se utiliza el proximo mes a menos que sea mayor de 1930

Si el Carry Over EFMH > 1930 aplica esta logica

Exceso sobre 1930 :	0	(Si es mayor de 1930, el exceso de 1930 se añade a EFMH)
Corrected EFMH =	0.00	Suma de EFMH + Exceso sobre 1930
Over 1930 FMAF =	0.00	Recalcula el FMAF mas bajo de 0.67
Carry Over EFMH =	0	Carry over es 1930

Escoge el FMAF y el Carry Over EFMH

FMAF =	1.00
Carry Over EFMH =	0

Modelo de Hoja de Trabajo para calcular el valor del factor de corrección para Spinning Reserve

Datos utilizados son solamente para propositos de ilustración.

MES	Spinning Reserve		Spinning Reserve		SRPF
	Requests by PREPA		Succesful Activations		
	Ocurrencias	Acumulativa	Ocurrencias	Acumulativa	
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1

EcoEléctrica, L.P.
Hoja de Trabajo para Calcular Factura EcoEléctrica
Input Page

Meter Reading Data

Date of Reading	1/31/2020	Data Input
Date of Last Reading	12/31/2019	Data Input
Billing Period	239	Reference
Days in Billing Period	31	Reference
Capacity Factor	33.7%	Reference

Energy Payment

NEO (Net Electrical Output - KWH)	127,281,457	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calc.
PSK (PREPA Selected KWH)	0	Input to be nominated by PREPA
Spot Fuel Price (\$/MMBTU)	0.00	Calculated on SFP as per Supplemental Agreement
Equivalent MMBTU in excess of XDL	0	Calculated on SFP
ACF (Average Correction Factor)	1.38871808	Calculated on FCCC-ACF
Sum of Available Capacities (KW)	211,023,000	Calculated on OH&DH&FMH
ADL (Average Dispatch Level - KWH)	202,582,080	As per Supplemental Agreement - 96% of Available Capacity
TDL (Target Dispatch Level - %)	76.0%	Provided by EcoEléctrica Annually.
TDL (Target Dispatch Level - KWH)	160,377,480	Calculated on FACT
MDL (Minimum Dispatch Level - KWH)	113,952,420	Calculated on FACT
XDL (Maximum Dispatch Level - KWH)	160,377,480	Calculated on FACT
Energy Purchase Price (EPP)	\$0.03624180	As per Appendix K
Base Energy Payment (BEP)	\$6,406,030.30	Calculated on FACT
Excess Energy Payment (EEP)	\$0.00	Calculated on FACT
Energy Payment (EP=BEP+EEP)	\$6,406,030.30	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	507,000	KW
Equivalent Availability (EA)	95.3%	Calculated on EA (Ref. on FACT) 111.3%
Equivalent Availability Adjustment Factor (EAAF)	101.0%	Calculated on FACT.
Force Majeure Adjustment Factor (FMAF)	0.7249	Calculated on FACT.
Spinning Reserve Performance Factor (SRPF)	1.0	Calculated on FACT
Capacity Purchase Price (CPP)	\$32.48340371	Calculated on FACT
CPP adjusted by EAAF and FMAF	\$32.80823775	Calculated on FACT
Capacity Payment (CP)	\$12,057,252.27	Calculated on FACT
Permanent Financing Adjustment (PFA)	-\$5.83	First Amendment - Applicable to Billing Periods 217th to 240th a fixed negative amount in \$/kW-Month

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start-up Payment	\$0.00	Calculated on FACT

Peaking Rate Energy

Peaking Energy Price (\$/KWH)	\$0.2200	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Peaking Energy Price Payment	\$0.00	Calculated on FACT

Lower Energy Price

Lower Energy Price	\$0.00000000	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Lower Energy Price Payment	\$0.00	Calculated on FACT

BTU Tracking Account

Beginning BTABo (MMBTU)	800,000	MMBTU Data Input
Ending BTABe (MMBTU)	800,000	MMBTU Calculated on BTU-TA
Monthly Fuel Credit (MFC)	0.00	KWH Calculated on BTU-TA

Total Charges: \$18,463,282.57 Calculated on FACT

Payment Due Date: 18-Mar-20

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
 Planificación y Estudios Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
 Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
 Planificación y Protección Ambiental

Equivalent Availability (EA)	95.3%
Equivalent Availability Adjustment Factor (EAAF)	101.0%
Demand Charge Escalation Factor (DCEF)	1.73427207
Fixed Cost Escalation Factor (FCEF)	3.04738028
Permanent Financing Adjustment (PFA)	-5.83
Capacity Purchase Price (CPP)	32.48340371
CPP Ajustado por FMAF, EAAF, PFA	23.78156266

Maximum Capacity

507,000 kW

FCCC - 1CT Simple Cycle Modo de Operación = 1
 FCCC - 2CT Simple Cycle Modo de Operación = 2
 FCCC - 1CT + ST Combinados Modo de Operación = 3
 FCCC - 2CT + ST Combinados Modo de Operación = 4
 FCCC - 1CT + ST Comb. + 1 CT Simple Modo de Operación = 5

Average Correction Factor: 1.38871808

NEO KWH	Modo de Operación	Hora Cambio Real	PORCIENTO CAPACIDAD	FCCF	MWH*FCCC	Peaking Energy
358,446	4		0.70699327	1.04866913	375,890.8223	
422,328	4		0.83299413	1.01845246	430,121.0131	
420,980	4		0.83033563	1.01895399	428,959.4181	
379,106	4		0.74774281	1.03745586	393,305.3313	
335,125	4		0.66099632	1.06298144	356,231.8018	
327,084	4		0.64513620	1.06832339	349,431.5441	
315,542	4		0.62237040	1.07635604	339,635.3135	
274,927	4		0.54226238	1.10803959	304,630.0286	
274,922	4		0.54225179	1.10804413	304,625.3259	
307,800	4		0.60710002	1.08198494	333,034.6498	
364,436	4		0.71880921	1.04527586	380,936.4371	
375,602	4		0.74083253	1.03926040	390,348.3813	
320,231	4		0.63161912	1.07304088	343,620.8401	
303,838	4		0.59928608	1.08494010	329,646.0785	
314,486	4		0.62028722	1.07711253	338,736.4040	
330,351	4		0.65157949	1.06612802	352,196.2467	
361,050	4		0.71212995	1.04717976	378,084.1333	
397,909	4		0.78483015	1.02844776	409,228.5006	
468,436	4		0.92393702	1.00482694	470,697.1821	
458,770	4		0.90487261	1.00711486	462,034.4992	
464,013	4		0.91521393	1.00583638	466,721.6217	
471,792	4		0.93055667	1.00410304	473,728.0180	
453,974	4		0.89541297	1.00836203	457,770.5245	
412,396	4		0.81340451	1.02228563	421,586.5945	
383,340	4		0.75609554	1.03532751	396,882.9062	
373,796	4		0.73727031	1.04020611	388,824.9320	
343,235	4		0.67699221	1.05780514	363,075.7989	
295,349	4		0.58254278	1.09144282	322,356.7515	
337,751	4		0.66617630	1.06128195	358,449.4489	
389,797	4		0.76883124	1.03219376	402,346.4876	
443,120	4		0.87400428	1.01145871	448,197.7565	
452,781	4		0.89305888	1.00868393	456,712.7731	

471,910	4		0.93078953	1.00407824	473,834.8539
490,256	4		0.96697519	1.00077061	490,634.2182
487,209	4		0.96096541	1.00124473	487,815.9049
486,059	4		0.95869583	1.00143157	486,754.6131
461,865	4		0.91097577	1.00634961	464,797.3735
441,409	4		0.87062936	1.01198157	446,697.8579
446,832	4		0.88132630	1.01035683	451,460.1983
484,660	4		0.95593665	1.00166447	485,466.5848
492,803	4		0.97199752	1.00039738	492,998.5716
483,569	4		0.95378483	1.00185049	484,463.7462
494,363	4		0.97507486	1.00017903	494,451.4589
492,194	4		0.97079698	1.00048470	492,432.6338
491,764	4		0.96994784	1.00054717	492,032.6376
485,200	4		0.95700185	1.00157381	485,963.5495
439,253	4		0.86637629	1.01265394	444,811.0577
421,592	4		0.83154162	1.01872575	429,486.2202
375,469	4		0.74057033	1.03932965	390,236.2296
361,588	4		0.71319151	1.04687470	378,537.4254
377,954	4		0.74547178	1.03804454	392,333.2865
347,069	4		0.68455490	1.05543174	366,307.9896
343,256	4		0.67703316	1.05779216	363,093.3052
382,427	4		0.75429298	1.03578192	396,110.5000
429,541	4		0.84722109	1.01586818	436,357.1274
442,217	4		0.87222263	1.01173355	447,405.6471
453,902	4		0.89527032	1.00838141	457,706.3911
408,438	4		0.80559759	1.02390196	418,200.4456
349,351	4		0.68905525	1.05404191	368,230.6060
388,982	4		0.76722295	1.03258208	401,655.8766
341,510	4		0.67358936	1.05888853	361,620.8155
346,944	4		0.68430698	1.05550879	366,202.0598
361,155	4		0.71233816	1.04711985	378,173.0401
357,379	4		0.70488976	1.04928535	374,992.6669
370,537	4		0.73084313	1.04193905	386,077.4561
391,862	4		0.77290354	1.03122013	404,096.0773
469,596	4		0.92622456	1.00457268	471,743.1601
463,869	4		0.91492898	1.00587042	466,592.0980
426,436	4		0.84109652	1.01696010	433,668.3302
411,953	4		0.81253092	1.02246399	421,207.2888
382,352	4		0.75414666	1.03581893	396,047.8098
362,686	4		0.71535761	1.04625511	379,462.4022
351,804	4		0.69389267	1.05256672	370,296.7448
329,136	4		0.64918283	1.06694059	351,168.2313
302,142	4		0.59594151	1.08622047	328,193.2011
298,805	4		0.58935865	1.08876762	325,329.0303

290,757	4		0.57348531	1.09505747	318,395.6807
307,505	4		0.60651878	1.08220301	332,782.8627
336,428	4		0.66356606	1.06213556	357,332.1324
336,633	4		0.66396984	1.06200315	357,504.9946
392,656	4		0.77446860	1.03084960	404,768.8472
429,697	4		0.84752890	1.01581412	436,492.4368
426,456	4		0.84113605	1.01695295	433,685.6665
426,417	4		0.84105955	1.01696679	433,652.1202
345,443	4		0.68134806	1.05643235	364,937.6508
297,646	4		0.58707208	1.08966079	324,332.6824
290,814	4		0.57359778	1.09501217	318,444.9506
318,040	4		0.62729768	1.07458105	341,759.6719
362,300	4		0.71459546	1.04647267	379,136.9418
413,449	4		0.81548166	1.02186410	422,488.8990
483,018	4		0.95269793	1.00194591	483,957.7580
478,520	4		0.94382713	1.00276133	479,841.7059
478,116	4		0.94303037	1.00283776	479,473.1791
475,595	4		0.93805663	1.00332681	477,176.9214
413,706	4		0.81598760	1.02176197	422,708.7636
356,052	4		0.70227296	1.05005707	373,875.3300
381,366	4		0.75220081	1.03631272	395,214.2424
301,308	4		0.59429536	1.08685405	327,477.5486
308,553	4		0.60858487	1.08142911	333,677.6869
362,411	4		0.71481478	1.04641001	379,230.5958
355,445	4		0.70107490	1.05041229	373,363.7676
363,076	4		0.71612586	1.04603629	379,790.4778
376,966	4		0.74352300	1.03855310	391,499.3765
360,126	4		0.71030702	1.04770581	377,305.7438
370,566	4		0.73089916	1.04192379	386,101.4015
309,650	4		0.61074902	1.08062227	334,614.4193
314,740	4		0.62078828	1.07693025	338,952.6572
323,433	4		0.63793466	1.07081788	346,337.7013
333,345	4		0.65748490	1.06414616	354,727.6386
315,266	4		0.62182660	1.07655317	339,400.7034
316,892	4		0.62503418	1.07539394	340,784.0896
341,618	4		0.67380217	1.05882050	361,711.8224
344,718	4		0.67991766	1.05688142	364,326.3167
382,349	4		0.75413927	1.03582080	396,044.6419
479,783	4		0.94631840	1.00252573	480,995.2327
492,610	4		0.97161659	1.00042496	492,818.9510
491,585	4		0.96959514	1.00057330	491,866.5614
487,972	4		0.96246962	1.00112325	488,520.2088
460,875	4		0.90902457	1.00659090	463,913.0405
399,199	4		0.78737555	1.02787136	410,325.6334

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81,760	1		0.16126259	1.82154094	148,929.4261
81,600	1		0.16094656	1.82284952	148,744.3509
81,667	1		0.16107958	1.82229839	148,822.2741
81,587	1		0.16092165	1.82295281	148,729.7511
81,543	1		0.16083486	1.82331271	148,678.8910
81,521	1		0.16079160	1.82349218	148,653.5329
81,453	1		0.16065611	1.82405469	148,574.0818
81,538	1		0.16082360	1.82335942	148,672.2898
81,512	1		0.16077227	1.82357243	148,642.1961
81,080	1		0.15992190	1.82711168	148,142.9474
80,233	1		0.15825008	1.83412886	147,157.2803
105,860	1		0.20879596	1.65659766	175,366.6813
164,195	2		0.32385698	1.73934497	285,592.5960
165,674	2		0.32677326	1.73413693	287,301.4799
168,754	2		0.33284874	1.72344653	290,839.0284
169,793	2		0.33489797	1.71988929	292,025.6309
169,184	2		0.33369565	1.72197341	291,329.8255
169,899	2		0.33510631	1.71952901	292,146.0892
169,915	2		0.33513863	1.71947315	292,164.7678
172,419	2		0.34007608	1.71100993	295,009.8897
170,169	2		0.33563935	1.71860838	292,454.1300
169,506	2		0.33433109	1.72087088	291,697.7025
169,854	2		0.33501716	1.71968316	292,094.5438
169,785	2		0.33488252	1.71991603	292,016.6938
169,778	2		0.33486764	1.71994177	292,008.0895
169,749	2		0.33480993	1.72004162	291,974.7140
169,713	2		0.33473892	1.72016451	291,933.6471
169,731	2		0.33477535	1.72010146	291,954.7177
169,698	2		0.33470928	1.72021581	291,916.5055
169,769	2		0.33485059	1.71997126	291,998.2315
168,253	2		0.33185936	1.72517275	290,264.9633
168,645	2		0.33263300	1.72382245	290,713.9187
169,620	2		0.33455647	1.72048040	291,828.1085
169,624	2		0.33456497	1.72046567	291,833.0288
170,073	2		0.33544953	1.71893603	292,344.4581
169,679	2		0.33467271	1.72027911	291,895.3535
169,718	2		0.33474955	1.72014611	291,939.7961
169,811	2		0.33493216	1.71983015	292,045.3994

170,257	2		0.33581359	1.71830781	292,554.7726
169,822	2		0.33495523	1.71979026	292,058.7365
169,826	2		0.33496288	1.71977702	292,063.1617
169,829	2		0.33496837	1.71976752	292,066.3369
169,870	2		0.33504909	1.71962794	292,113.0046
171,665	2		0.33859036	1.71354162	294,155.6539
170,113	2		0.33552826	1.71880011	292,389.9505
169,859	2		0.33502829	1.71966391	292,100.9794
169,894	2		0.33509678	1.71954549	292,140.5765
169,738	2		0.33478834	1.72007897	291,962.2321
169,700	2		0.33471383	1.72020794	291,919.1361
169,620	2		0.33455523	1.72048254	291,827.3927
169,621	2		0.33455728	1.72047900	291,828.5763
169,567	2		0.33445110	1.72066292	291,767.1465
169,559	2		0.33443542	1.72069009	291,758.0720
169,596	2		0.33450805	1.72056427	291,800.0942
169,575	2		0.33446831	1.72063311	291,777.1012
169,622	2		0.33455977	1.72047469	291,830.0172
169,628	2		0.33457167	1.72045407	291,836.9052
169,574	2		0.33446454	1.72063964	291,774.9203
169,720	2		0.33475415	1.72013816	291,942.4532
169,681	2		0.33467595	1.72027351	291,897.2263
169,624	2		0.33456412	1.72046714	291,832.5373
168,982	2		0.33329881	1.72266315	291,099.9218
168,570	2		0.33248454	1.72408129	290,627.8034
168,171	2		0.33169856	1.72545384	290,171.5916
168,132	2		0.33162226	1.72558728	290,127.2787
168,182	2		0.33171964	1.72541698	290,183.8347
168,239	2		0.33183182	1.72522089	290,248.9724
168,291	2		0.33193509	1.72504041	290,308.9351
168,223	2		0.33180063	1.72527539	290,230.8665
168,296	2		0.33194515	1.72502283	290,314.7756
168,305	2		0.33196272	1.72499214	290,324.9745
168,213	2		0.33178015	1.72531119	290,218.9745
168,317	2		0.33198572	1.72495195	290,338.3278
168,204	2		0.33176347	1.72534036	290,209.2853
168,217	2		0.33178882	1.72529605	290,224.0043
168,170	2		0.33169714	1.72545632	290,170.7681
168,209	2		0.33177348	1.72532286	290,215.0966
168,171	2		0.33169909	1.72545292	290,171.8975
168,292	2		0.33193699	1.72503709	290,310.0380
168,006	2		0.33137286	1.72602366	289,982.4035
167,217	2		0.32981689	1.72875443	289,077.4134
168,234	2		0.33182263	1.72523694	290,243.6393

168,167	2		0.33169095	1.72546715	290,167.1724
168,223	2		0.33180080	1.72527509	290,230.9652
168,226	2		0.33180740	1.72526357	290,234.7932
167,699	2		0.33076667	1.72708587	289,630.0547
168,358	2		0.33206777	1.72480864	290,385.9569
168,422	2		0.33219338	1.72458933	290,458.8576
168,320	2		0.33199219	1.72494066	290,342.0800
168,130	2		0.33161637	1.72559757	290,123.8602
168,167	2		0.33169003	1.72546876	290,166.6380
168,665	2		0.33267357	1.72375174	290,737.4473
168,385	2		0.33211934	1.72471859	290,415.8885
168,369	2		0.33208780	1.72477366	290,397.5822
168,341	2		0.33203333	1.72486881	290,365.9606
168,298	2		0.33194825	1.72501742	290,316.5722
170,248	2		0.33579548	1.71833903	292,544.3177
169,933	2		0.33517298	1.71941378	292,184.6250
170,512	2		0.33631619	1.71744178	292,844.9643
169,784	2		0.33487973	1.71992085	292,015.0808
169,861	2		0.33503156	1.71965825	292,102.8702
169,890	2		0.33508790	1.71956085	292,135.4413
169,325	2		0.33397474	1.72148888	291,491.4369
169,413	2		0.33414856	1.72118734	291,592.0608
168,329	2		0.33200940	1.72491060	290,352.0720
168,220	2		0.33179431	1.72528644	290,227.1969
168,203	2		0.33176162	1.72534360	290,208.2096
168,909	2		0.33315444	1.72291431	291,016.2504
169,730	2		0.33477219	1.72010693	291,952.8894
169,771	2		0.33485308	1.71996695	291,999.6712
169,802	2		0.33491510	1.71985966	292,035.5361
169,827	2		0.33496403	1.71977504	292,063.8249
169,708	2		0.33472975	1.72018038	291,928.3435
168,612	2		0.33256880	1.72393437	290,676.6798
169,486	2		0.33429174	1.72093908	291,674.9327
168,233	2		0.33182072	1.72524028	290,242.5296
167,523	2		0.33041959	1.72769500	289,428.1858
169,720	2		0.33475329	1.72013964	291,941.9589
170,403	2		0.33610034	1.71781353	292,720.3595
174,193	2		0.34357590	1.70509713	297,015.9516
166,770	2		0.32893510	1.73030827	288,563.6750
170,444	2		0.33618132	1.71767403	292,767.1110
201,746	2		0.39792165	1.62245831	327,324.9222
232,058	2		0.45770867	1.55146310	360,029.8790
196,858	2		0.38827992	1.63586152	322,032.2955
244,047	2		0.48135583	1.52914180	373,183.0858

238,709	2		0.47082625	1.53867783		367,296.1068
238,759	2		0.47092466	1.53858571		367,350.8827
277,296	2		0.54693408	1.48431970		411,595.2914
315,978	2		0.62323022	1.46376773		462,517.9923
318,513	2		0.62823075	1.46360735		466,177.9537
277,769	2		0.54786810	1.48386264		412,171.2315
219,928	2		0.43378317	1.57736944		346,907.8084
177,992	2		0.35106936	1.69267769	231.56638567	301,283.3701
171,739	2		0.33873572	1.71329336		294,239.3013
170,489	2		0.33627023	1.71752091		292,818.4373
168,389	2		0.33212874	1.72470217		290,421.3455
163,136	2		0.32176758	1.74310684		284,363.7624
168,297	2		0.33194613	1.72502112		290,315.3432
171,015	2		0.33730765	1.71573773		293,416.8499
168,148	2		0.33165200	1.72553526		290,144.5527
168,712	2		0.33276455	1.72359319		290,790.2099
171,082	2		0.33744003	1.71551065		293,493.1526
167,917	2		0.33119772	1.72633034		289,880.6311
168,727	2		0.33279556	1.72353917		290,808.1924
169,139	2		0.33360840	1.72212498		291,279.2865
169,367	2		0.33405811	1.72134424		291,539.7006
169,284	2		0.33389330	1.72163022		291,444.2850
167,888	2		0.33114074	1.72643014		289,847.5184
167,855	2		0.33107540	1.72654462		289,809.5418
167,812	2		0.33098969	1.72669483		289,759.7197
166,419	2		0.32824257	1.73153179		288,159.7571
168,023	2		0.33140702	1.72596387		290,002.2486
167,652	2		0.33067380	1.72724879		289,576.0503
168,390	2		0.33213042	1.72469924		290,422.3202
168,981	2		0.33329664	1.72266693		291,098.6604
169,462	2		0.33424403	1.72102180		291,647.3168
169,562	2		0.33444190	1.72067886		291,761.8242
169,675	2		0.33466521	1.72029211		291,891.0101
169,179	2		0.33368595	1.72199025		291,324.2083
168,238	2		0.33183130	1.72522179		290,248.6732
168,150	2		0.33165700	1.72552652		290,147.4544
168,132	2		0.33162142	1.72558875		290,126.7884
168,154	2		0.33166503	1.72551247		290,152.1194
168,626	2		0.33259628	1.72388645		290,692.6222
168,656	2		0.33265571	1.72378286		290,727.0903
169,743	2		0.33479821	1.72006190		291,967.9364
169,641	2		0.33459839	1.72040780		291,852.3605
169,161	2		0.33365040	1.72205201		291,303.6168
167,918	2		0.33120004	1.72632628		289,881.9781

169,457	2		0.33423412	1.72103897	291,641.5856
168,786	2		0.33291080	1.72333843	290,875.0167
168,002	2		0.33136548	1.72603659	289,978.1118
181,844	2		0.35866742	1.68041960	305,574.8607
187,518	2		0.36985747	1.66298014	311,838.2728
187,443	2		0.36971088	1.66320387	311,756.6172
195,753	2		0.38610120	1.63896538	320,832.8976
186,289	2		0.36743378	1.66669540	310,486.8941
179,450	2		0.35394379	1.68800068	302,910.8828
179,485	2		0.35401348	1.68788788	302,950.2812
180,541	2		0.35609683	1.68452906	304,126.7158
168,145	2		0.33164662	1.72554468	290,141.4259
167,615	2		0.33060140	1.72737583	289,533.9453
167,007	2		0.32940265	1.72948382	288,836.1493
168,024	2		0.33140894	1.72596051	290,003.3650
168,039	2		0.33143871	1.72590840	290,020.6607
168,051	2		0.33146072	1.72586990	290,033.4420
169,501	2		0.33432176	1.72088704	291,692.3065
169,746	2		0.33480484	1.72005043	291,971.7700
168,079	2		0.33151738	1.72577075	290,066.3581
169,077	2		0.33348429	1.72234065	291,207.3925
169,607	2		0.33453106	1.72052441	291,813.4073
170,315	2		0.33592640	1.71811331	292,619.9224
203,939	2		0.40224615	1.61662301	329,692.1502
199,872	2		0.39422423	1.62753403	325,297.9663
192,922	2		0.38051762	1.64704642	317,752.2033
167,986	2		0.33133379	1.72609207	289,959.6982
168,085	2		0.33152777	1.72575258	290,072.3922
168,070	2		0.33149881	1.72580325	290,055.5701
167,252	2		0.32988475	1.72863503	289,116.9241
168,001	2		0.33136235	1.72604206	289,976.2966
169,585	2		0.33448713	1.72060049	291,787.9955
169,675	2		0.33466374	1.72029466	291,890.1608
169,768	2		0.33484811	1.71997555	291,996.7963
169,889	2		0.33508749	1.71956154	292,135.2092
169,203	2		0.33373429	1.72190631	291,352.2007
168,356	2		0.33206345	1.72481620	290,383.4444
168,364	2		0.33207886	1.72478928	290,392.3913
168,362	2		0.33207517	1.72479573	290,390.2476
168,369	2		0.33208949	1.72477073	290,398.5587
168,351	2		0.33205340	1.72483375	290,377.6103
170,846	2		0.33697524	1.71630842	293,225.1928
172,340	2		0.33992182	1.71127219	294,921.2697
170,002	2		0.33530909	1.71917859	292,263.2978

168,655	2		0.33265225	1.72378889	290,725.0843
168,161	2		0.33167930	1.72548753	290,160.4053
168,103	2		0.33156335	1.72569032	290,093.0616
168,127	2		0.33161099	1.72560699	290,120.7332
169,378	2		0.33407860	1.72130869	291,551.5647
169,627	2		0.33457018	1.72045665	291,836.0435
169,508	2		0.33433486	1.72086434	291,699.8870
169,358	2		0.33403963	1.72137630	291,529.0033
167,779	2		0.33092441	1.72680925	289,721.7733
168,239	2		0.33183278	1.72521921	290,249.5297
168,271	2		0.33189555	1.72510951	290,285.9763
168,697	2		0.33273477	1.72364508	290,772.9428
169,789	2		0.33488998	1.71990312	292,021.0069
169,830	2		0.33497013	1.71976448	292,067.3558
170,131	2		0.33556347	1.71873934	292,410.2891
169,836	2		0.33498229	1.71974346	292,074.3821
169,417	2		0.33415667	1.72117327	291,596.7569
168,364	2		0.33207875	1.72478947	290,392.3297
168,279	2		0.33191084	1.72508279	290,294.8540
168,311	2		0.33197503	1.72497064	290,332.1177
168,307	2		0.33196693	1.72498478	290,327.4187
168,288	2		0.33192848	1.72505197	290,305.0947
168,370	2		0.33209064	1.72476870	290,399.2315
168,326	2		0.33200465	1.72491890	290,349.3134
169,161	2		0.33365052	1.72205181	291,303.6833
169,825	2		0.33496085	1.71978053	292,061.9881
169,817	2		0.33494518	1.71980763	292,052.9284
169,835	2		0.33497959	1.71974812	292,072.8227
169,031	2		0.33339469	1.72249641	291,155.4809
168,168	2		0.33169291	1.72546373	290,168.3074
168,448	2		0.33224475	1.72449966	290,488.6678
168,519	2		0.33238435	1.72425606	290,569.6720
168,313	2		0.33197901	1.72496369	290,334.4289
168,735	2		0.33280971	1.72351451	290,816.4010
169,350	2		0.33402317	1.72140484	291,519.4783
168,134	2		0.33162478	1.72558287	290,128.7406
166,526	2		0.32845304	1.73115964	288,282.5564
168,415	2		0.33217864	1.72461506	290,450.3051
168,151	2		0.33165818	1.72552445	290,148.1425
168,786	2		0.33291087	1.72333832	290,875.0529
169,922	2		0.33515270	1.71944883	292,172.9038
169,958	2		0.33522367	1.71932618	292,213.9261
169,946	2		0.33519984	1.71936736	292,200.1525
169,136	2		0.33360091	1.72213799	291,274.9487

168,445	2		0.33223954	1.72450875	290,485.6478
168,419	2		0.33218644	1.72460144	290,454.8308
168,457	2		0.33226304	1.72446773	290,499.2844
168,474	2		0.33229533	1.72441138	290,518.0226
170,230	2		0.33575945	1.71840118	292,523.5061
173,728	2		0.34265861	1.70663995	296,490.9960
168,364	2		0.33207883	1.72478934	290,392.3714
168,621	2		0.33258556	1.72390514	290,686.4035
168,333	2		0.33201686	1.72489756	290,356.4033
168,353	2		0.33205768	1.72482627	290,380.0960
168,222	2		0.33179811	1.72527981	290,229.3982
169,005	2		0.33334320	1.72258596	291,125.6404
169,018	2		0.33336813	1.72254261	291,140.0864
169,740	2		0.33479227	1.72007217	291,964.5052
182,457	2		0.35987563	1.67850143	306,254.2396
189,375	2		0.37352134	1.65742893	313,876.1340
171,609	2		0.33847932	1.71373134	294,091.7499
169,634	2		0.33458450	1.72043186	291,844.3243
169,118	2		0.33356593	1.72219878	291,254.6830
169,127	2		0.33358355	1.72216816	291,264.8928
168,466	2		0.33228048	1.72443729	290,509.4071
168,964	2		0.33326162	1.72272784	291,078.3670
170,548	2		0.33638628	1.71732113	292,885.4156
170,389	2		0.33607336	1.71786002	292,704.7830
174,139	2		0.34346921	1.70527632	296,954.9263
168,898	2		0.33313190	1.72295352	291,003.1890
166,716	2		0.32882804	1.73049723	288,501.2602
168,316	2		0.33198327	1.72495624	290,336.9022
168,230	2		0.33181468	1.72525083	290,239.0240
168,369	2		0.33208811	1.72477312	290,397.7621
168,340	2		0.33203227	1.72487065	290,365.3483
168,311	2		0.33197387	1.72497266	290,331.4472
168,404	2		0.33215842	1.72465036	290,438.5701
167,912	2		0.33118779	1.72634773	289,874.8590
168,614	2		0.33257210	1.72392862	290,678.5933
169,787	2		0.33488490	1.71991190	292,018.0720
169,782	2		0.33487625	1.71992687	292,013.0676
169,897	2		0.33510203	1.71953641	292,143.6117
230,739	2		0.45510737	1.55411785	358,596.2748
328,060	2		0.64706093	1.46431323	480,382.4365
318,196	2		0.62760505	1.46361943	465,717.4967
270,520	2		0.53357013	1.49141705	403,458.2207
238,162	2		0.46974670	1.53969210	366,695.4962
237,569	2		0.46857771	1.54079807	366,045.7006

237,657	2		0.46875057	1.54063402	366,141.7493
186,303	2		0.36746065	1.66665401	310,501.8928
168,333	2		0.33201784	1.72489585	290,356.9729
167,861	2		0.33108597	1.72652610	289,815.6858
168,217	2		0.33178896	1.72529580	290,224.0870
170,380	2		0.33605592	1.71789007	292,694.7136
171,393	2		0.33805253	1.71446126	293,846.0295
168,814	2		0.33296612	1.72324211	290,907.0852
169,970	2		0.33524726	1.71928542	292,227.5599
169,940	2		0.33518754	1.71938862	292,193.0417
170,494	2		0.33628064	1.71750300	292,824.4412
168,769	2		0.33287817	1.72339526	290,856.0947
182,576	2		0.36010987	1.67813053	306,385.8601
188,175	2		0.37115470	1.66100572	312,560.4704
211,224	2		0.41661532	1.59801789	337,539.6795
240,633	2		0.47462073	1.53516679	369,411.3431
244,188	2		0.48163387	1.52889876	373,339.2996
281,066	2		0.55437131	1.48082150	416,208.9524
334,065	2		0.65890489	1.46581768	489,678.0618
342,822	2		0.67617764	1.46947969	503,770.0562
342,571	2		0.67568174	1.46935027	503,356.2663
292,876	2		0.57766456	1.47195458	431,100.0667
251,821	2		0.49668875	1.51641314	381,864.9693
254,611	2		0.50219068	1.51218030	385,017.2463
243,948	2		0.48116063	1.52931269	373,073.4416
256,968	2		0.50683994	1.50874122	387,697.9837
242,275	2		0.47786020	1.53223581	371,222.6194
205,253	2		0.40483883	1.61317689	331,109.8609
198,755	2		0.39202108	1.63059640	324,088.6807
200,436	2		0.39533691	1.62599817	325,908.2678
197,785	2		0.39010788	1.63327873	323,037.5387
189,752	2		0.37426419	1.65631298	314,288.6088
176,433	2		0.34799438	1.69773442	299,536.6293
179,707	2		0.35445215	1.68717856	303,198.1980
179,653	2		0.35434478	1.68735207	303,137.5283
179,445	2		0.35393500	1.68801491	302,905.9137
179,641	2		0.35432199	1.68738891	303,124.6479
178,919	2		0.35289748	1.68969757	302,319.0341
177,995	2		0.35107549	1.69266767	301,286.8428
200,644	2		0.39574766	1.62543303	326,133.4913
252,640	2		0.49830336	1.51515264	382,787.8626
264,759	2		0.52220694	1.49827197	396,680.8693
296,164	2		0.58414974	1.47004960	435,375.6486
313,602	2		0.61854343	1.46405058	459,128.4875

262,696	2		0.51813843	1.50090960		394,283.2239
238,581	2		0.47057453	1.53891372		367,156.0131
227,849	2		0.44940577	1.56007478		355,461.0520
228,995	2		0.45166588	1.55769075		356,702.7740
228,028	2		0.44976011	1.55969905		355,655.6375
194,984	2		0.38458394	1.64114329		319,996.7746
165,931	2		0.32728040	1.73323634		287,597.9178
153,455	2		0.30267234	1.77866778		272,945.2463
165,835	2		0.32709012	1.73357407		287,486.7180
168,315	2		0.33198152	1.72495931		290,335.8851
189,055	2		0.37288951	1.65838064		313,525.1235
186,947	2		0.36873193	1.66470121		311,211.0437
177,244	2		0.34959417	1.69509671		300,446.1373
179,512	2		0.35406786	1.68779990		302,981.0189
180,081	2		0.35518966	1.68598850		303,614.7621
191,053	2		0.37683000	1.65248325		315,711.5701
214,592	2		0.42325814	1.58982423		341,163.3661
201,138	2		0.39672243	1.62409582		326,667.8269
201,768	2		0.39796439	1.62240010		327,348.3352
229,227	2		0.45212400	1.55721115		356,954.6362
229,203	2		0.45207663	1.55726069		356,928.5901
183,392	2		0.36172034	1.67558918		307,290.0036
218,721	2		0.43140199	1.58013059		345,607.4450
260,354	2		0.51351945	1.50402122		391,578.4820
236,189	2		0.46585645	1.54340353		364,535.2778
216,714	2		0.42744292	1.58479472		343,446.5084
169,971	2		0.33524898	1.71928244		292,228.5560
165,373	2		0.32617992	1.73519253	39.50893622	286,954.3732
168,315	2		0.33198183	1.72495877		290,336.0644
150,919	2		0.29767024	1.78833500		269,893.3925
163,339	2		0.32216825	1.74238347		284,599.7039
168,268	2		0.33188989	1.72511940		290,282.6892
169,532	2		0.33438275	1.72078135		291,727.5973

Datos utilizados son solamente para propositos de ilustración.

Dependable Capacity = **507,000.00**
(Valores de EDH, OH & EFMH van dentro de la hoja de trabajo EA en el mes relevante)

NEO KWH	MW Promedio Según declarado por EcoEléctrica o Salida Forzada *	KW Promedio Ajustado a 507000 KW	Penalidad no poder subir **	Available Capacity KW	Derating/Outage KW	Derating (Equivalent Derated Hours)	Outage Hours	Force Majeure Flag	(Equivalent Force Majeure Hours)
358,446	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
422,328	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
420,980	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
379,106	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
335,125	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
327,084	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
315,542	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,927	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
274,922	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
307,800	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
364,436	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
375,602	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
320,231	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
303,838	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
314,486	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
330,351	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
361,050	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
397,909	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
468,436	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
458,770	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
464,013	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,792	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
453,974	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
412,396	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
383,340	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
373,796	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
343,235	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
295,349	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
337,751	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
389,797	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
443,120	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
452,781	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
471,910	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
490,256	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
487,209	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
486,059	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
461,865	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
441,409	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
446,832	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
484,660	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
492,803	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
483,569	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
494,363	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
492,194	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
491,764	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
485,200	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
439,253	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
421,592	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
375,469	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
361,588	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
377,954	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
347,069	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
343,256	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
382,427	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
429,541	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
442,217	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
453,902	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
408,438	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
349,351	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
388,982	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
341,510	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
346,944	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
361,155	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
357,379	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
370,537	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
391,862	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
469,596	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
463,869	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
426,436	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
411,953	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
382,352	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
362,686	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
351,804	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
329,136	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
302,142	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
298,805	N/A	507,000		507,000	0	0.00%	0.00%		0.00%

168,305	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,213	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,317	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,204	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,217	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,170	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,209	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,171	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,292	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,006	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,217	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,234	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,167	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,223	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,226	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,699	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,358	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,422	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,320	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,130	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,167	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,665	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,385	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,369	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,341	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,298	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,248	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,933	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,512	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,784	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,861	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,890	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,325	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,413	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,329	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,220	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,203	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,909	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,730	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,771	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,802	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,827	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,708	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,612	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,486	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,233	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,523	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,720	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,403	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,193	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,770	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,444	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
201,746	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
232,058	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
196,858	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
244,047	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,709	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,759	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,296	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
315,978	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,513	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,769	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
219,928	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
177,992	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,739	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,489	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,389	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
163,136	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,297	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,015	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,148	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,712	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,082	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,917	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,727	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,139	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,367	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,284	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,888	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,855	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,812	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,419	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,023	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,652	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,390	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

168,981	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,462	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,562	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,675	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,179	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,238	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,150	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,132	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,154	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,626	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,656	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,743	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,641	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,161	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,918	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,786	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,002	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
181,844	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,518	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,443	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
195,753	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
186,289	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,450	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,485	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
180,541	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,145	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,615	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,007	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,024	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,039	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,051	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,501	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,746	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,079	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,077	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,315	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
203,939	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
199,872	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
192,922	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,986	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,070	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,252	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,001	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,585	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,675	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,768	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,889	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,203	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,356	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,364	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,362	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,369	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,351	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,846	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
172,340	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,002	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,655	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,161	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,103	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,127	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,378	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,627	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,508	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,358	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,779	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,239	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,271	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,697	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,789	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,830	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,131	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,836	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,417	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,364	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,279	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,311	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,307	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,288	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,370	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,326	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,161	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,825	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

169,817	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,835	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,031	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,168	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,448	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,519	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,313	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,735	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,350	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,134	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,526	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,415	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,151	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,786	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,922	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,958	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,946	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,136	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,445	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,419	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,474	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,230	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
173,728	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,364	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,621	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,333	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,353	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,222	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,005	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,018	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,740	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
182,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
189,375	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,609	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,634	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,118	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,127	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,466	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,964	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,548	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,389	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,139	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,898	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,716	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,316	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,230	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,369	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,340	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,311	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,404	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,912	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,614	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,787	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,782	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,897	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
230,739	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,060	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,196	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
270,520	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,162	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,569	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,657	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
186,303	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,333	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,861	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,217	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,380	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,393	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,814	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,970	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,940	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,494	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,769	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
182,576	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,175	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
211,224	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
240,633	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
244,188	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,066	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
334,065	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,822	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,571	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
292,876	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
251,821	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

254,611	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
243,948	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
256,968	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
242,275	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
205,253	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,755	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
200,436	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
197,785	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
189,752	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
176,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,707	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,653	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,445	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,641	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,919	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
177,995	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
200,644	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
252,640	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
264,759	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
296,164	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,602	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
262,696	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,581	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
227,849	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
228,995	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
228,028	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
194,984	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,931	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
153,455	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,835	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,315	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
189,055	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
186,947	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
177,244	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,512	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
180,081	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
191,053	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
214,592	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
201,138	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
201,768	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
229,227	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
229,203	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
183,392	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
218,721	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
260,354	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
236,189	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
216,714	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,971	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,373	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,315	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
150,919	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
163,339	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,268	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,532	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
175,850	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,312	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,620	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,127	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,020	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,025	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,356	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,624	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
190,428	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,654	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
180,725	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
186,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,019	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,805	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,122	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,613	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
176,903	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
184,778	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
185,177	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

Sum of Avail. Cap.	377,208,000	EDH =	0.0	OH =	0.0	EFMH =	0.0
	96.10%					EAF =	96.10%

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Datos utilizados son solamente para propósitos de ilustración.

Week	SPF declarado por ECO (\$/MMBtu)	Cantidad declarada por ECO (MMBtu)	<i>Spot Fuel Price</i> organizado por Precio (Ejecutar Macro Msfp - Ctrl M)							BTU Equivalentes Balance
			Semana que comienza en		Mejor					
MMBTU equivalentes reportados:										158,079
1	11.50	138,079	12/24/19	1	11.50	138,079	12/24/19	1		20,000
2	11.50	10,000	12/31/19	2	11.50	10,000	12/31/19	2		10,000
3	11.50	10,000	01/07/20	3	11.50	10,000	01/07/20	3		0
4	11.50	0	01/14/20	4	11.50	0	01/14/20	4		0
5	11.50	0	01/21/20	5	11.50	0	01/21/20	5		0
6				6				6		0

Total **158,079**

kWh por encima de XDL: 0 kWh
MMBtu equivalentes: 0 MMBtu

Costo kWh por encima XDL: \$0.00 USD

BTU Equivalentes Utilizados		Promedio Pesado SPF
0		
138,079	-138,079	0
10,000	0	0
10,000	0	0
0	0	0
0	0	0
0	0	0
0		
0	SPF=	\$0.00

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Month	# dias	OH	Accum. OH 12 Months	AH	Accum. AH 12 Months	Derated Capacity Reduction (MW)	Derated Hours	EDH	Accum. EDH 12 Months	PH	Accum. PH 12 Months	EFMH	Accum. EFMH 12 Months	EAF	EAAF
1 Marzo	11	18.0	18.00	246	246	-	-	31.8	31.8	264	264.0	0.0	0.0	81.1%	86.7%
2 Abril	30	55.0	73.00	665	911.00	-	-	47.0	78.8	720	984.0	0.0	0.0	85.8%	94.7%
3 Mayo	31	0.0	73.00	744	1655.00	-	-	28.9	107.7	744	1728.0	0.0	0.0	96.1%	100.0%
4 Junio	30	46.0	119.00	674	2329.00	-	-	174.2	281.9	720	2448.0	0.0	0.0	69.4%	63.3%
5 Julio	31	35.0	154.00	709	3038.00	-	-	172.7	454.6	744	3192.0	0.0	0.0	72.1%	68.7%
6 Aug	31	0.0	154.00	744	3782.00	-	-	87.9	542.5	744	3936.0	0.0	0.0	88.2%	97.8%
7 Sept.	30	28.0	182.00	692	4474.00	-	-	179.2	721.7	720	4656.0	0.0	0.0	71.2%	66.9%
8 Oct	31	26.0	208.00	718	5192.00	-	-	352.5	1,074.2	744	5400.0	0.0	0.0	49.1%	0.0%
9 Nov	30	48.0	256.00	672	5864.00	-	-	148.9	1,223.1	720	6120.0	0.0	0.0	72.7%	69.9%
10 Dec	31	25.0	281.00	719	6583.00	-	-	192.2	1,415.3	744	6864.0	0.0	0.0	70.8%	66.1%
11 Jan-01	31	0.0	281.00	744	7327.00	-	-	0.0	1,415.3	744	7608.0	0.0	0.0	100.0%	100.0%
12 Feb-01	28	1.0	282.00	671	7998.00	-	-	72.0	1,487.3	672	8280.0	0.0	0.0	89.1%	98.9%
	20	0.0	-	-	-	-	-	119.0	-	480	-	0.0	-	75.2%	70.9%
	11	10.0	-	-	-	-	-	8.5	-	264	-	0.0	-	93.0%	101.0%
13 Mar-01	31	10.0	274.00	734	8486.00	-	-	127.5	1,583.0	744	8760.0	0.0	0.0	-	-
14 Abril-01	30	0.0	219.00	720	8541.00	-	-	6.1	1,542.1	720	8760.0	0.0	0.0	99.2%	101.0%
15 May-01	31	0.0	219.00	744	8541.00	-	-	210.2	1,723.4	744	8760.0	0.0	0.0	77.8%	75.1%
16 Jun-01	30	0.0	173.00	720	8587.00	-	-	217.2	1,766.4	720	8760.0	0.0	0.0	77.9%	75.3%
17 Jul-01	31	7.0	145.00	737	8615.00	-	-	31.0	1,624.7	744	8760.0	0.0	0.0	79.8%	79.1%
18 Aug-01	31	0.0	145.00	744	8615.00	-	-	145.0	1,681.8	744	8760.0	0.0	0.0	79.1%	77.7%
19 Sep-01	30	0.0	117.00	720	8643.00	-	-	26.5	1,529.1	720	8760.0	0.0	0.0	81.2%	81.9%
20 Oct-01	31	18.0	109.00	726	8651.00	-	-	187.6	1,364.2	744	8760.0	0.0	0.0	83.2%	85.9%
21 Nov-01	30	0.0	61.00	720	8699.00	-	-	5.5	1,220.8	720	8760.0	0.0	0.0	85.4%	90.3%
22 Dec-01	31	110.0	146.00	634	8614.00	-	-	70.4	1,099.0	744	8760.0	0.0	0.0	85.8%	91.1%
23 Jan-02	31	0.0	146.00	744	8614.00	-	-	67.8	1,166.8	744	8760.0	0.0	0.0	85.0%	89.5%
24 Feb-02	28	37.0	182.00	635	8578.00	-	-	68.1	1,162.9	672	8760.0	0.0	0.0	84.6%	88.7%
25 Mar-02	31	7.0	179.00	737	8581.00	-	-	135.8	1,171.2	744	8760.0	0.0	0.0	84.6%	88.7%
26 Apr-02	30	0.0	179.00	720	8581.00	-	-	38.4	1,203.5	720	8760.0	0.0	0.0	84.2%	87.9%
27 May-02	31	0.0	179.00	744	8581.00	-	-	51.1	1,044.4	744	8760.0	0.0	0.0	86.0%	91.5%
28 Jun-02	30	4.0	183.00	716	8577.00	-	-	10.0	837.2	720	8760.0	0.0	0.0	88.4%	95.1%
29 Jul-02	31	4.0	180.00	740	8580.00	-	-	242.0	1,048.2	744	8760.0	0.0	0.0	86.0%	91.5%
30 Aug-02	31	37.0	217.00	707	8543.00	-	-	344.6	1,247.8	744	8760.0	0.0	0.0	83.3%	86.1%
31 Sep-02	30	9.0	226.00	711	8534.00	-	-	144.1	1,365.4	720	8760.0	0.0	0.0	81.8%	83.1%

BTU Tracking Account

Datos utilizados son solamente para propósitos de ilustración.

Dependable Capacity	507,000	KW
Energy Purchase Price	\$0.05032964	
Spot Fuel Cost	\$0.00	
Delivery Volume	2,700,000	
Storage Capacity	3,400,000	
Period Hours	744	Hr

Maximum Dispatch Level	76.00%
Target Dispatch Level	76.00%
Minimum Dispatch Level	54.00%
Expected Availability	93.0%
Maximum Positive Balance	800,000
Maximum Negative Balance	400,000

Jun

Availability	95.3%
Capacity Factor	33.7%
Average Correction Factor	1.38871808

Net Electrical Output (NEO)	127,281,457	KWH
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Maximum Dispatch Level (XDL)	160,377,480
Target Dispatch Level (TDL)	160,377,480
Minimum Dispatch Level (MDL)	113,952,420

Beginning BTABo (MMBTU)	800,000	800,000
Ending BTABe (MMBTU)	800,000	

Monthly Fuel Credit (MFC)	0	
PREPA Selected Kwh (PSK)	0	KWH

Monthly Energy Payment (Sect 11)
Nominal Energy Payment (NEP)

Beginning BTABo (BTU)	800,000,000,000.00
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Interim BTABi (\$/MMBTU)

1.1 Si el balance inicial del BTABo >= 0

a) IF NEO > TDL, then

(i) Decrease BTABi = BTABo - (PSK x 7500 x ACF) 8E+11

(ii) IF BTABi > 0, then decrease

BTABe = BTABi - (NEO - TDL - PSK) x 7500 x / 1,144,707,836,817

But not less than zero

1.14471E+12

(iii) IF BTABi <= 0, then

BTABe = BTABi 8E+11

Escoge BTABe **1.14471E+12**

(iv) Calculate MFC

a) IF BTABe > 0, $MFC = (BTABo - BTABe)/(7500 \times ACF)$ -33096022.56

b) Otherwise $MFC = BTABo/(7500 \times ACF)$ 76809446.21

Escoge MFC -33096022.56

b) IF NEO < TDL and NEO >= MDL, then

(i) BTABe = BTABo **8E+11**

(ii) Calculate MFC = 0 0

c) IF NEO < MDL, then

(i) Increase BTABe = $BTABo + (MDL - NEO) \times 7500$ **6.61173E+11**

(ii) Calculate MFC = 0 0

Calc. BTABe para BTABo >= 0 8E+11

Calc. MFC para BTABo >= 0 0

1.2 Si el balance inicial del BTABo < 0

a) IF NEO > XDL, then

(i) Decrease BTABe = $BTABo - (PSK \times 7500 \times ACF)$

(ii) Calculate MFC = 0

b) IF NEO <= XDL and NEO >= TDL, then

(i) BTABe = BTABo

(ii) Calculate MFC = 0

c) IF NEO < TDL and NEO >= MDL, then

(i) Increase BTABe = $BTABo + (TDL - NEO) \times 7500$

(ii) Calculate MFC = 0

d) IF NEO < MDL, then

(i) Increase BTABi = $BTABo + (MDL - NEO) \times 7500$

(ii) IF BTABi < 0, then

Increase BTABe = $BTABi + (TDL - MDL) \times 7500$

But not greater than zero

Calculate MFC = MDL - NEO

(iii) IF BTABi > 0, then

BTABe = BTABi

Calculate MFC = $(0 - BTABo)/7500$

Escoge BTABe

Escoge MFC

Calc. BTABe para BTUTAO < 0

Calc. MFC para BTUTAO < 0

BTABe = 8E+11

MFC = 0

0

1.3 Set BTABo = BTABe (periodo anterior)

800,000

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)

Datos utilizados son solamente para propósitos de ilustración.

Carry Over EFMH = (Viene del Mes Anterior)	0	
BPH	744	Viene de OH&DH&FMH
EFMH =	204.20	Viene de OH&DH&FMH
Interim FMAF =	0.7255	Verifica que el EFMH es mayor o menor de 0.67
Capped EMFH =	0	Si el EFMH < 0.67, recalcula los EMFH a 33% de BPH
Recalculated FMAF =	0.73	Recalcula el EFMH dependiendo del valor del Interim EMFH
Excess EFMH =	0.00	Calcula el exceso de EFMH
Multiplier=	1.005	
Carry Over EFMH =	0	Se utiliza el proximo mes a menos que sea mayor de 1930

Si el Carry Over EFMH > 1930 aplica esta logica

Exceso sobre 1930 :	0	(Si es mayor de 1930, el exceso de 1930 se añade a EFMH)
Corrected EFMH =	0.00	Suma de EFMH + Exceso sobre 1930
Over 1930 FMAF =	0.00	Recalcula el FMAF mas bajo de 0.67
Carry Over EFMH =	0	Carry over es 1930

Escoge el FMAF y el Carry Over EFMH

FMAF =	0.73
Carry Over EFMH =	0

Modelo de Hoja de Trabajo para calcular el valor del factor de corrección para Spinning Reserve

Datos utilizados son solamente para propósitos de ilustración.

MES	Spinning Reserve		Spinning Reserve		SRPF
	Requests by PREPA		Succesful Activations		
	Ocurrencias	Acumulativa	Ocurrencias	Acumulativa	
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1

EcoEléctrica, L.P.
Hoja de Trabajo para Calcular Factura EcoEléctrica
Input Page

Meter Reading Data

Date of Reading	2/29/2020	Data Input
Date of Last Reading	1/31/2020	Data Input
Billing Period	240	Reference
Days in Billing Period	29	Reference
Capacity Factor	46.3%	Reference

Energy Payment

NEO (Net Electrical Output - KWH)	163,300,661	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calc.
PSK (PREPA Selected KWH)	0	Input to be nominated by PREPA
Spot Fuel Price (\$/MMBTU)	0.00	Calculated on SFP as per Supplemental Agreement
Equivalent MMBTU in excess of XDL	0	Calculated on SFP
ACF (Average Correction Factor)	1.11566142	Calculated on FCCC-ACF
Sum of Available Capacities (KW)	255,584,000	Calculated on OH&DH&FMH
ADL (Average Dispatch Level - KWH)	245,360,640	As per Supplemental Agreement - 96% of Available Capacity
TDL (Target Dispatch Level - %)	76.0%	Provided by EcoEléctrica Annually.
TDL (Target Dispatch Level - KWH)	194,243,840	Calculated on FACT
MDL (Minimum Dispatch Level - KWH)	138,015,360	Calculated on FACT
XDL (Maximum Dispatch Level - KWH)	194,243,840	Calculated on FACT
Energy Purchase Price (EPP)	\$0.03624180	As per Appendix K
Base Energy Payment (BEP)	\$6,602,830.01	Calculated on FACT
Excess Energy Payment (EEP)	\$0.00	Calculated on FACT
Energy Payment (EP=BEP+EEP)	\$6,602,830.01	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	507,000	KW
Equivalent Availability (EA)	95.1%	Calculated on EA (Ref. on FACT) 97.6%
Equivalent Availability Adjustment Factor (EAAF)	101.0%	Calculated on FACT.
Force Majeure Adjustment Factor (FMAF)	1.0000	Calculated on FACT.
Spinning Reserve Performance Factor (SRPF)	1.0	Calculated on FACT
Capacity Purchase Price (CPP)	\$32.48340371	Calculated on FACT
CPP adjusted by EAAF and FMAF	\$32.80823775	Calculated on FACT
Capacity Payment (CP)	\$16,633,776.54	Calculated on FACT
Permanent Financing Adjustment (PFA)	-\$5.83	First Amendment - Applicable to Billing Periods 217th to 240th a fixed negative amount in \$/kW-Month

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start-up Payment	\$0.00	Calculated on FACT

Peaking Rate Energy

Peaking Energy Price (\$/KWH)	\$0.2200	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Peaking Energy Price Payment	\$0.00	Calculated on FACT

Lower Energy Price

Lower Energy Price	\$0.00000000	Data Input is variance over or under EPP
Applicable KWH	0.00	Calculated on FCCC-ACF
Lower Energy Price Payment	\$0.00	Calculated on FACT

BTU Tracking Account

Beginning BTABo (MMBTU)	800,000	MMBTU Data Input
Ending BTABe (MMBTU)	800,000	MMBTU Calculated on BTU-TA
Monthly Fuel Credit (MFC)	0.00	KWH Calculated on BTU-TA

Total Charges: \$23,236,606.55 Calculated on FACT

Payment Due Date: 16-Apr-20

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
 Planificación y Estudios Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
 Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
 Planificación y Protección Ambiental

Equivalent Availability (EA)	95.1%
Equivalent Availability Adjustment Factor (EAAF)	101.0%
Demand Charge Escalation Factor (DCEF)	1.73427207
Fixed Cost Escalation Factor (FCEF)	3.04738028
Permanent Financing Adjustment (PFA)	-5.83
Capacity Purchase Price (CPP)	32.48340371
CPP Ajustado por FMAF, EAAF, PFA	32.80823775

Maximum Capacity**507,000 kW**

FCCC - 1CT Simple Cycle Modo de Operación = 1
FCCC - 2CT Simple Cycle Modo de Operación = 2
FCCC - 1CT + ST Combinados Modo de Operación = 3
FCCC - 2CT + ST Combinados Modo de Operación = 4
FCCC - 1CT + ST Comb. + 1 CT Simple Modo de Operación = 5

Average Correction Factor: 1.11566142

NEO KWH	Modo de Operación	Hora Cambio Real	PORCIENTO CAPACIDAD	FCCF	MWH*FCCC	Peaking Energy
184,368	3		0.36364564	1.15587685	213,107.0975	
184,236	3		0.36338423	1.15601676	212,979.6769	
186,298	3		0.36745236	1.15383950	214,958.3910	
182,498	3		0.35995572	1.15785170	211,305.1001	
182,554	3		0.36006659	1.15779236	211,359.3525	
185,428	3		0.36573576	1.15475822	214,124.5415	
186,016	3		0.36689574	1.15413740	214,688.1853	
192,066	3		0.37882891	1.14775077	220,444.1957	
174,552	3		0.34428383	1.16623930	203,569.2847	
169,676	3		0.33466713	1.17138615	198,756.3926	
167,120	3		0.32962542	1.17408447	196,213.1019	
168,307	3		0.33196615	1.17283172	197,395.5953	
167,777	3		0.33092143	1.17339085	196,868.1882	
167,588	3		0.33054841	1.17359049	196,679.7358	
167,798	3		0.33096286	1.17336868	196,889.1186	
201,804	3		0.39803463	1.13747187	229,545.8688	
206,885	3		0.40805656	1.13210813	234,215.8232	
188,872	3		0.37252893	1.15112251	217,415.0072	
218,534	3		0.43103323	1.11981102	244,716.6085	
278,552	3		0.54941281	1.05645427	294,277.7587	
280,743	3		0.55373275	1.05414223	295,942.5293	
281,727	3		0.55567407	1.05310324	296,687.3572	
281,035	3		0.55430998	1.05383330	296,164.2080	
295,975	3		0.58377780	1.03806212	307,240.7925	
232,291	3		0.45816703	1.10528901	256,748.3395	
206,761	3		0.40781209	1.13223897	234,102.5536	
207,965	3		0.41018779	1.13096750	235,201.8916	
188,594	3		0.37197953	1.15141655	217,149.8196	
168,338	3		0.33202714	1.17279907	197,426.3707	
168,585	3		0.33251529	1.17253782	197,672.5821	
165,387	3		0.32620759	1.17591370	194,481.1293	
168,894	3		0.33312403	1.17221202	197,979.4393	

169,135	3		0.33360004	1.17195726	198,219.2491
169,759	3		0.33483025	1.17129885	198,838.4485
169,617	3		0.33455098	1.17144832	198,697.9553
170,376	3		0.33604708	1.17064760	199,450.1022
169,246	3		0.33381924	1.17183994	198,329.6389
168,434	3		0.33221779	1.17269704	197,522.5442
167,988	3		0.33133670	1.17316860	197,077.9024
171,744	3		0.33874572	1.16920329	200,803.7420
183,684	3		0.36229628	1.15659903	212,448.9849
169,302	3		0.33392930	1.17178104	198,385.0562
192,207	3		0.37910626	1.14760233	220,577.0565
254,412	3		0.50179842	1.08193749	275,257.6621
258,135	3		0.50914155	1.07800744	278,271.2003
231,718	3		0.45703670	1.10589396	256,255.1029
224,084	3		0.44198076	1.11395190	249,619.0720
203,173	3		0.40073518	1.13602653	230,809.6199
165,034	3		0.32551004	1.17628702	194,126.8737
165,845	3		0.32710963	1.17543093	194,938.8511
164,944	3		0.32533243	1.17638208	194,036.6290
166,478	3		0.32835879	1.17476238	195,571.9814
168,544	3		0.33243405	1.17258129	197,631.6178
180,877	3		0.35675933	1.15956240	209,738.1484
210,833	3		0.41584362	1.12794049	237,806.7576
207,586	3		0.40944045	1.13136747	234,856.3949
207,709	3		0.40968210	1.13123814	234,968.1447
207,655	3		0.40957652	1.13129465	234,919.3253
207,683	3		0.40963204	1.13126493	234,944.9957
207,746	3		0.40975608	1.13119855	235,002.3484
208,112	3		0.41047763	1.13081237	235,335.8057
208,141	3		0.41053355	1.13078244	235,361.6348
209,803	3		0.41381167	1.12902799	236,872.9150
226,441	3		0.44662829	1.11146454	251,680.6349
232,328	3		0.45824138	1.10524921	256,780.7580
212,971	3		0.42006049	1.12568363	239,737.5938
211,679	3		0.41751375	1.12704664	238,572.6353
235,285	3		0.46407369	1.10212776	259,314.5282
227,944	3		0.44959376	1.10987742	252,989.9368
207,214	3		0.40870657	1.13176024	234,516.8280
188,760	3		0.37230806	1.15124073	217,308.4138
188,069	3		0.37094472	1.15197039	216,649.8880
187,836	3		0.37048611	1.15221583	216,428.1411
189,220	3		0.37321569	1.15075497	217,746.2601
188,688	3		0.37216492	1.15131734	217,239.3210
187,716	3		0.37024818	1.15234318	216,313.0499

189,087	3		0.37295171	1.15089624	217,618.9633
197,288	3		0.38912824	1.14223857	225,349.9808
205,132	3		0.40459972	1.13395823	232,611.1844
197,664	3		0.38986896	1.14184213	225,700.5837
198,371	3		0.39126430	1.14109535	226,360.2249
199,155	3		0.39281076	1.14026768	227,090.0754
198,119	3		0.39076758	1.14136119	226,125.5261
199,208	3		0.39291523	1.14021177	227,139.3326
197,885	3		0.39030567	1.14160840	225,907.1513
198,015	3		0.39056163	1.14147142	226,028.1724
203,016	3		0.40042615	1.13619193	230,665.2046
207,773	3		0.40980848	1.13117050	235,026.5764
208,418	3		0.41108069	1.13048962	235,614.2819
207,925	3		0.41010868	1.13100984	235,165.3324
208,483	3		0.41120965	1.13042060	235,673.8060
207,872	3		0.41000443	1.13106563	235,117.1518
208,037	3		0.41032875	1.13089205	235,267.0226
208,482	3		0.41120754	1.13042173	235,672.8324
206,590	3		0.40747584	1.13241893	233,946.7088
198,565	3		0.39164764	1.14089019	226,541.2603
188,119	3		0.37104435	1.15191706	216,698.0468
188,199	3		0.37120173	1.15183284	216,774.1050
188,194	3		0.37119193	1.15183808	216,769.3691
187,203	3		0.36923583	1.15288499	215,823.0258
188,570	3		0.37193346	1.15144121	217,127.5753
188,511	3		0.37181573	1.15150422	217,070.7233
193,482	3		0.38162059	1.14625666	221,779.6180
194,411	3		0.38345376	1.14527555	222,654.2286
221,616	3		0.43711334	1.11655694	247,447.4002
239,259	3		0.47191199	1.09793270	262,690.6963
238,300	3		0.47002040	1.09894508	261,878.9877
238,682	3		0.47077383	1.09854184	262,202.5306
237,754	3		0.46894348	1.09952145	261,416.0024
239,299	3		0.47199050	1.09789069	262,724.3429
239,276	3		0.47194381	1.09791567	262,704.3351
239,303	3		0.47199810	1.09788661	262,727.6034
237,809	3		0.46905222	1.09946325	261,462.7776
236,408	3		0.46628797	1.10094268	260,271.6576
246,160	3		0.48552268	1.09064826	268,473.9749
308,999	3		0.60946579	1.02431391	316,512.1345
326,462	3		0.64390973	1.00587951	328,381.6720
328,289	3		0.64751356	1.00395074	329,586.3626
324,640	3		0.64031464	1.00780360	327,172.8810
261,019	3		0.51483093	1.07496249	280,585.9348

187,383	3		0.36959235	1.15269418	215,995.6612
170,298	3		0.33589338	1.17072986	199,372.8871
170,213	3		0.33572499	1.17081999	199,288.2762
169,717	3		0.33474841	1.17134265	198,797.2827
168,713	3		0.33276690	1.17240315	197,799.4427
184,878	3		0.36465024	1.15533919	213,596.4200
205,201	3		0.40473644	1.13388506	232,674.7712
204,956	3		0.40425283	1.13414388	232,449.8047
191,701	3		0.37810923	1.14813594	220,099.2456
190,315	3		0.37537570	1.14959892	218,786.4721
176,421	3		0.34796993	1.16426649	205,400.7732
168,343	3		0.33203792	1.17279331	197,431.8068
168,293	3		0.33193830	1.17284662	197,381.5463
169,597	3		0.33451147	1.17146946	198,678.0768
169,567	3		0.33445262	1.17150096	198,648.4612
170,093	3		0.33548986	1.17094583	199,170.1078
168,378	3		0.33210734	1.17275615	197,466.8275
167,965	3		0.33129161	1.17319273	197,055.1376
168,925	3		0.33318620	1.17217875	198,010.7667
168,198	3		0.33175122	1.17294674	197,287.1448
168,512	3		0.33236996	1.17261560	197,599.2947
167,873	3		0.33110993	1.17328997	196,963.3935
168,229	3		0.33181184	1.17291430	197,317.7354
153,713	3		0.30318133	1.18823735	182,647.4486
80,085	1		0.15795793	1.83536316	146,984.4571
79,323	1		0.15645637	1.84174484	146,093.4249
79,151	1		0.15611596	1.84320039	145,890.7670
79,954	1		0.15769971	1.83645612	146,831.5582
78,905	1		0.15563077	1.84528060	145,601.4942
79,446	1		0.15669791	1.84071404	146,237.0698
78,597	1		0.15502296	1.84789585	145,238.4022
78,325	1		0.15448732	1.85020914	144,917.7619
83,880	1		0.16544396	1.80449044	151,360.8206
108,614	1		0.21422903	1.64177830	178,320.3055
110,602	1		0.21815054	1.63159614	180,458.3260
110,572	1		0.21809077	1.63174810	180,425.6848
110,905	1		0.21874704	1.63008511	180,784.1808
109,824	1		0.21661519	1.63553133	179,620.4269
109,563	1		0.21609985	1.63686697	179,339.4381
109,272	1		0.21552749	1.63835912	179,027.4965
109,549	1		0.21607317	1.63693632	179,324.8943
109,362	1		0.21570492	1.63789557	179,124.1852
109,544	1		0.21606252	1.63696401	179,319.0906
108,979	1		0.21494860	1.63987767	178,712.1272

109,602	1		0.21617720	1.63666601	179,381.6092
111,344	1		0.21961394	1.62790688	181,258.1026
111,373	1		0.21967010	1.62776650	181,288.8185
110,159	1		0.21727644	1.63382839	179,981.1583
111,747	1		0.22040879	1.62592822	181,693.0208
111,297	1		0.21952107	1.62813924	181,207.3086
109,946	1		0.21685560	1.63491076	179,751.5568
109,998	1		0.21695852	1.63464562	179,807.6955
109,372	1		0.21572462	1.63784416	179,134.9198
109,878	1		0.21672109	1.63525777	179,678.1865
109,930	1		0.21682494	1.63498982	179,734.8307
109,986	1		0.21693471	1.63470692	179,794.7087
109,951	1		0.21686511	1.63488626	179,756.7403
109,869	1		0.21670458	1.63530040	179,669.1799
109,834	1		0.21663489	1.63548041	179,631.1709
110,720	1		0.21838240	1.63100762	180,584.9628
111,429	1		0.21978196	1.62748716	181,350.0028
111,230	1		0.21938903	1.62846998	181,135.1069
111,061	1		0.21905467	1.62930974	180,952.3072
109,865	1		0.21669688	1.63532028	179,664.9808
109,794	1		0.21655594	1.63568449	179,588.1192
108,730	1		0.21445796	1.64117204	178,444.9426
108,905	1		0.21480233	1.64026284	178,632.4648
109,982	1		0.21692702	1.63472674	179,790.5124
111,350	1		0.21962555	1.62787786	181,264.4526
112,380	1		0.22165586	1.62285952	182,376.1749
111,038	1		0.21900975	1.62942279	180,927.7539
110,082	1		0.21712480	1.63421783	179,898.4149
109,726	1		0.21642221	1.63603062	179,515.1909
109,802	1		0.21657295	1.63564050	179,597.3953
106,049	1		0.20916885	1.65555410	175,569.2040
111,624	1		0.22016597	1.62653082	181,560.1135
107,192	1		0.21142417	1.64932556	176,794.5952
90,807	1		0.17910693	1.75219412	159,111.8686
89,938	1		0.17739228	1.75846995	158,153.0696
90,249	1		0.17800533	1.75621664	158,496.2754
90,131	1		0.17777359	1.75706718	158,366.5932
90,080	1		0.17767176	1.75744140	158,309.5865
89,957	1		0.17743097	1.75832745	158,174.7408
89,962	1		0.17743926	1.75829690	158,179.3864
90,641	1		0.17877857	1.75338958	158,928.5220
89,863	1		0.17724465	1.75901417	158,070.3516
89,835	1		0.17718898	1.75921952	158,039.1559
90,954	1		0.17939665	1.75114185	159,273.5373

100,001	1		0.19723981	1.69087036	169,088.0241
104,656	1		0.20642163	1.66333375	174,077.4665
104,116	1		0.20535759	1.66640377	173,499.7910
104,431	1		0.20597924	1.66460631	173,837.2875
104,240	1		0.20560125	1.66569794	173,632.0776
103,144	1		0.20344071	1.67201455	172,459.0013
104,075	1		0.20527610	1.66664020	173,455.5471
98,926	1		0.19511936	1.69756561	167,932.5514
80,388	1		0.15855588	1.83283947	147,337.9890
79,024	1		0.15586496	1.84427568	145,741.1869
80,742	1		0.15925380	1.82990652	147,749.7179
85,197	1		0.16804135	1.79414583	152,855.7775
80,980	1		0.15972462	1.82793562	148,026.9285
81,560	1		0.16086800	1.82317525	148,698.3143
77,753	1		0.15335846	1.85511076	144,239.9422
134,618	1		0.26551809	1.54266032	207,669.3438
168,905	3		0.33314672	1.17219987	197,990.8757
168,685	3		0.33271258	1.17243223	197,772.0574
168,816	3		0.33297051	1.17229418	197,902.0719
169,794	3		0.33489972	1.17126167	198,873.3903
170,142	3		0.33558502	1.17089490	199,217.9386
170,770	3		0.33682533	1.17023108	199,840.8805
170,379	3		0.33605347	1.17064419	199,453.3109
170,620	3		0.33652765	1.17039040	199,691.4456
168,727	3		0.33279561	1.17238779	197,813.9125
168,674	3		0.33268997	1.17244433	197,760.6569
172,845	3		0.34091723	1.16804110	201,890.1046
188,461	3		0.37171889	1.15155605	217,023.9531
188,644	3		0.37207939	1.15136311	217,198.0322
188,012	3		0.37083244	1.15203048	216,595.6063
188,870	3		0.37252458	1.15112485	217,412.9034
178,371	3		0.35181572	1.16220823	207,303.7444
170,820	3		0.33692252	1.17017907	199,889.6591
171,633	3		0.33852589	1.16932094	200,693.6236
170,523	3		0.33633733	1.17049226	199,595.8842
170,102	3		0.33550606	1.17093716	199,178.2505
169,043	3		0.33341805	1.17205466	198,127.5788
169,690	3		0.33469390	1.17137182	198,769.8596
167,174	3		0.32973160	1.17402765	196,266.8042
168,798	3		0.33293584	1.17231274	197,884.5959
170,293	3		0.33588368	1.17073505	199,368.0161
170,373	3		0.33604052	1.17065111	199,446.8076
169,998	3		0.33530085	1.17104698	199,075.0978
168,238	3		0.33183049	1.17290432	197,327.1473

318.05813549

164,234	3		0.32393308	1.17713101	193,325.0201
167,570	3		0.33051218	1.17360988	196,661.4262
167,411	3		0.33019936	1.17377730	196,503.3218
167,053	3		0.32949298	1.17415536	196,146.1052
165,799	3		0.32702037	1.17547870	194,893.5782
170,504	3		0.33629908	1.17051273	199,576.6751
198,089	3		0.39070846	1.14139283	226,097.5810
252,026	3		0.49709244	1.08445613	273,310.9945
254,942	3		0.50284354	1.08137814	275,688.3525
255,008	3		0.50297451	1.08130804	275,742.2836
252,513	3		0.49805241	1.08394235	273,709.0716
251,429	3		0.49591610	1.08508570	272,822.5161
256,444	3		0.50580576	1.07979276	276,905.8543
258,745	3		0.51034615	1.07736274	278,762.7600
249,798	3		0.49269758	1.08680826	271,482.1715
247,244	3		0.48766037	1.08950417	269,373.1606
259,177	3		0.51119772	1.07690698	279,109.7843
259,687	3		0.51220384	1.07636851	279,519.2811
256,587	3		0.50608800	1.07964170	277,021.6098
238,353	3		0.47012423	1.09888951	261,923.5952
237,604	3		0.46864773	1.09967974	261,288.7414
213,551	3		0.42120422	1.12507150	240,259.6246
208,938	3		0.41210680	1.12994044	236,087.6639
207,289	3		0.40885414	1.13168126	234,585.1345
206,996	3		0.40827608	1.13199064	234,317.5025
208,167	3		0.41058660	1.13075405	235,386.1394
209,715	3		0.41363974	1.12912001	236,793.7981
208,820	3		0.41187430	1.13006488	235,980.4517
208,274	3		0.41079748	1.13064119	235,483.5269
207,896	3		0.41005135	1.13104052	235,138.8386
208,256	3		0.41076057	1.13066094	235,466.4854
208,016	3		0.41028825	1.13091373	235,248.3109
208,039	3		0.41033289	1.13088983	235,268.9387
209,223	3		0.41266838	1.12963988	236,346.4956
208,565	3		0.41137174	1.13033384	235,748.6135
207,685	3		0.40963413	1.13126381	234,945.9656
208,182	3		0.41061620	1.13073821	235,399.8083
182,493	3		0.35994752	1.15785609	211,301.0871
168,963	3		0.33325973	1.17213939	198,047.8178
168,920	3		0.33317527	1.17218460	198,005.2590
168,926	3		0.33318824	1.17217765	198,011.7945
167,810	3		0.33098709	1.17335571	196,901.3574
192,959	3		0.38058992	1.14680828	221,287.0790
198,662	3		0.39183895	1.14078780	226,631.5798

198,684	3		0.39188091	1.14076534	226,651.3867
195,885	3		0.38636184	1.14371914	224,037.9435
171,292	3		0.33785491	1.16968005	200,357.3472
168,626	3		0.33259501	1.17249515	197,712.7793
169,008	3		0.33334848	1.17209189	198,092.5315
168,634	3		0.33261069	1.17248676	197,720.6884
169,442	3		0.33420485	1.17163357	198,523.7676
168,595	3		0.33253470	1.17252743	197,682.3704
169,288	3		0.33390212	1.17179559	198,371.3706
171,004	3		0.33728547	1.16998482	200,071.7722
188,238	3		0.37127804	1.15179199	216,810.9823
229,742	3		0.45314024	1.10797934	254,549.5025
254,467	3		0.50190820	1.08187873	275,302.9316
257,520	3		0.50792895	1.07865643	277,775.5775
254,160	3		0.50130158	1.08220340	275,052.7070
255,988	3		0.50490818	1.08027314	276,537.4450
185,037	3		0.36496437	1.15517107	213,749.3125
168,060	3		0.33147856	1.17309267	197,149.5228
168,842	3		0.33302102	1.17226715	197,927.5280
168,719	3		0.33277940	1.17239646	197,805.7422
168,898	3		0.33313288	1.17220728	197,983.9008
169,189	3		0.33370583	1.17190064	198,272.5303
170,523	3		0.33633749	1.17049217	199,595.9650
168,644	3		0.33263211	1.17247530	197,731.4849
167,592	3		0.33055557	1.17358666	196,683.3543
174,179	3		0.34354897	1.16663259	203,203.2804
175,347	3		0.34585113	1.16540047	204,348.9229
175,859	3		0.34686237	1.16485926	204,851.2442
174,757	3		0.34468770	1.16602314	203,770.3143
175,932	3		0.34700499	1.16478293	204,922.0452
176,457	3		0.34804210	1.16422787	205,436.5581
177,937	3		0.35096041	1.16266599	206,881.2137
174,103	3		0.34339825	1.16671326	203,128.1761
173,899	3		0.34299575	1.16692867	202,927.5489
188,364	3		0.37152572	1.15165943	216,930.6479
224,667	3		0.44313042	1.11333660	250,130.1290
233,319	3		0.46019615	1.10420302	257,632.0389
228,980	3		0.45163756	1.10878358	253,889.5320
203,629	3		0.40163431	1.13554532	231,229.4968
195,230	3		0.38506898	1.14441108	223,423.3444
170,455	3		0.33620310	1.17056410	199,528.4732
164,632	3		0.32471799	1.17671093	193,724.2970
164,005	3		0.32348183	1.17737253	193,095.3181
164,224	3		0.32391243	1.17714207	193,314.5095

164,083	3		0.32363564	1.17729020	193,173.6280
164,127	3		0.32372192	1.17724403	193,217.5490
164,222	3		0.32390979	1.17714348	193,313.1673
164,279	3		0.32402087	1.17708403	193,369.6930
163,835	3		0.32314642	1.17755204	192,924.5125
164,161	3		0.32378806	1.17720863	193,251.2095
163,356	3		0.32220037	1.17805836	192,442.4142
164,013	3		0.32349660	1.17736462	193,102.8406
163,859	3		0.32319390	1.17752662	192,948.6972
164,391	3		0.32424356	1.17696485	193,482.9980
166,864	3		0.32911963	1.17435518	195,957.1924
167,030	3		0.32944732	1.17417979	196,123.0067
168,519	3		0.33238536	1.17260735	197,607.0641
168,553	3		0.33245106	1.17257219	197,640.1958
182,882	3		0.36071337	1.15744620	211,675.7068
237,866	3		0.46916435	1.09940324	261,511.0071
237,932	3		0.46929393	1.09933389	261,566.7369
214,655	3		0.42338311	1.12390536	241,252.1690
202,163	3		0.39874341	1.13709253	229,877.9322
174,786	3		0.34474650	1.16599167	203,799.5750
181,400	3		0.35779002	1.15901078	210,244.0223
168,462	3		0.33227263	1.17266769	197,550.2050
168,605	3		0.33255470	1.17251673	197,692.4544
169,074	3		0.33347860	1.17202226	198,158.0780
168,731	3		0.33280261	1.17238404	197,817.4431
168,676	3		0.33269524	1.17244151	197,763.3122
168,660	3		0.33266290	1.17245882	197,747.0087
168,751	3		0.33284183	1.17236305	197,837.2106
186,776	3		0.36839510	1.15333494	215,415.6499
219,874	3		0.43367659	1.11839629	245,906.2992
247,773	3		0.48870451	1.08894535	269,811.4574
247,740	3		0.48863921	1.08898030	269,784.0640
270,567	3		0.53366258	1.06488379	288,122.3366
232,634	3		0.45884479	1.10492627	257,043.7594
218,168	3		0.43031165	1.12019721	244,391.1895
217,980	3		0.42994126	1.12039544	244,224.0405
218,116	3		0.43020986	1.12025168	244,345.2648
203,957	3		0.40228132	1.13519904	231,531.3714
187,270	3		0.36936856	1.15281395	215,887.3074
188,430	3		0.37165627	1.15158956	216,993.7098
188,510	3		0.37181494	1.15150464	217,070.3410
189,140	3		0.37305758	1.15083958	217,670.0210
188,974	3		0.37272934	1.15101526	217,511.7006
188,254	3		0.37130901	1.15177542	216,825.9472

174,601	3		0.34437971	1.16618798	203,617.0197
169,663	3		0.33464112	1.17140007	198,743.3047
168,584	3		0.33251353	1.17253876	197,671.6967
168,596	3		0.33253664	1.17252639	197,683.3509
168,544	3		0.33243488	1.17258085	197,632.0349
167,833	3		0.33103077	1.17333233	196,923.4145
169,103	3		0.33353598	1.17199154	198,186.9834
181,293	3		0.35758019	1.15912308	210,141.0838
217,846	3		0.42967668	1.12053704	244,104.5964
217,980	3		0.42993999	1.12039612	244,223.4673
217,931	3		0.42984334	1.12044785	244,179.8406
217,090	3		0.42818531	1.12133522	243,430.6094
220,739	3		0.43538171	1.11748371	246,671.7062
245,251	3		0.48372910	1.09160819	267,717.6208
245,402	3		0.48402785	1.09144829	267,843.7266
248,227	3		0.48960007	1.08846604	270,186.9176
247,687	3		0.48853472	1.08903622	269,740.2268
247,252	3		0.48767730	1.08949511	269,380.2688
251,930	3		0.49690269	1.08455768	273,232.2534
285,250	3		0.56262256	1.04938440	299,336.5225
286,945	3		0.56596606	1.04759497	300,601.9191
287,110	3		0.56629196	1.04742054	300,724.9363
259,356	3		0.51155008	1.07671839	279,253.2605
234,749	3		0.46301662	1.10269351	258,856.6660
180,345	3		0.35571012	1.16012395	209,222.5865
179,354	3		0.35375611	1.16116973	208,260.8406
178,394	3		0.35186096	1.16218401	207,326.0834
178,302	3		0.35167994	1.16228089	207,236.6963
178,479	3		0.35202938	1.16209388	207,409.2304
219,426	3		0.43279338	1.11886898	245,509.2201
275,201	3		0.54280240	1.05999215	291,710.7075
291,737	3		0.57541829	1.04253613	304,146.4393
291,807	3		0.57555532	1.04246279	304,197.4693
291,672	3		0.57529004	1.04260477	304,098.6713
312,775	3		0.61691355	1.02032787	319,133.2235
317,067	3		0.62537955	1.01579687	322,076.1021
312,952	3		0.61726208	1.02014134	319,255.1428
313,513	3		0.61836925	1.01954878	319,642.0080
281,338	3		0.55490672	1.05351392	296,393.1917
275,457	3		0.54330774	1.05972170	291,907.7854
272,428	3		0.53733371	1.06291900	289,569.1018
230,021	3		0.45369038	1.10768491	254,790.8141
216,820	3		0.42765204	1.12162063	243,189.3167
204,380	3		0.40311682	1.13475188	231,920.8487

179,079	3		0.35321245	1.16146069	207,992.8876
166,841	3		0.32907468	1.17437923	195,934.4416
165,112	3		0.32566452	1.17620435	194,205.3499
94,420	1		0.18623177	1.72699919	163,062.4143
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
0	1		0.00000000	0.00000000	0.0000
38,366	3		0.07567282	0.00000000	0.0000
101,263	3		0.19972901	0.00000000	0.0000
114,671	3		0.22617548	0.00000000	0.0000
105,926	3		0.20892768	0.00000000	0.0000
102,504	3		0.20217836	0.00000000	0.0000
164,860	3		0.32516851	1.17646981	193,953.3262
187,505	3		0.36983288	1.15256544	216,112.0952
172,753	3		0.34073534	1.16813845	201,799.2086
169,149	3		0.33362812	1.17194223	198,233.3915
179,053	3		0.35316152	1.16148795	207,967.7772
233,865	3		0.46127158	1.10362745	258,099.4911
234,582	3		0.46268587	1.10287052	258,713.2802
178,981	3		0.35301906	1.16156420	207,897.5293
161,658	3		0.31885115	1.17985087	190,731.7787
162,707	3		0.32092018	1.17874352	191,789.2684
165,849	3		0.32711852	1.17542617	194,943.3601
165,707	3		0.32683807	1.17557627	194,801.0999
160,866	3		0.31729033	1.18068621	189,932.5027
171,918	3		0.33908909	1.16901952	200,975.6953
178,477	3		0.35202653	1.16209540	207,407.8232
202,577	3		0.39956082	1.13665505	230,260.5521
224,017	3		0.44184901	1.11402241	249,560.4564
167,049	3		0.32948501	1.17415962	196,142.0753
169,142	3		0.33361257	1.17195055	198,225.5596
169,209	3		0.33374597	1.17187916	198,292.7406
168,892	3		0.33311991	1.17221422	197,977.3650
169,879	3		0.33506748	1.17117189	198,957.7568
214,917	3		0.42389849	1.12362953	241,486.5663
212,640	3		0.41940857	1.12603254	239,439.7195
213,058	3		0.42023298	1.12559131	239,816.3680
214,985	3		0.42403330	1.12355738	241,547.8506

213,689	3		0.42147822	1.12492486	240,384.5814
191,513	3		0.37773763	1.14833482	219,921.0228
214,845	3		0.42375784	1.12370480	241,422.6123
291,105	3		0.57417178	1.04320326	303,681.7832
285,255	3		0.56263409	1.04937823	299,340.8961
234,228	3		0.46198842	1.10324380	258,410.7288
166,308	3		0.32802305	1.17494206	195,401.8974
167,233	3		0.32984867	1.17396499	196,326.0132
169,433	3		0.33418788	1.17164265	198,515.2255
168,379	3		0.33210932	1.17275509	197,467.8307
168,026	3		0.33141231	1.17312813	197,116.0746
165,979	3		0.32737573	1.17528851	195,073.7938
168,279	3		0.33191049	1.17286151	197,367.5118
173,461	3		0.34213225	1.16739082	202,496.8386
170,425	3		0.33614320	1.17059616	199,498.3869
168,680	3		0.33270285	1.17243744	197,767.1492
180,222	3		0.35546743	1.16025383	209,103.2511
289,607	3		0.57121665	1.04478485	302,576.8407
349,099	4		0.68855881	1.05419440	368,018.5426
298,599	4		0.58895259	1.08892592	325,152.1523
312,595	4		0.61655733	1.07847602	337,125.7461
338,255	4		0.66716959	1.06095861	358,874.5345
351,753	4		0.69379337	1.05259681	370,254.3356
380,841	4		0.75116611	1.03657657	394,771.0825
371,317	4		0.73238046	1.04152142	386,734.5008
356,304	4		0.70276969	1.04991015	374,087.4293
323,984	4		0.63902206	1.07043846	346,805.1325
380,997	4		0.75147346	1.03649810	394,902.7161
356,676	4		0.70350282	1.04969367	374,400.4646
347,251	4		0.68491374	1.05532030	366,461.3090
353,898	4		0.69802443	1.05132210	372,061.1966
333,376	4		0.65754724	1.06412540	354,754.3455
305,425	4		0.60241714	1.08374988	331,004.8379
285,410	4		0.56293941	1.09935188	313,766.3278
303,440	4		0.59850017	1.08524013	329,304.8161
292,571	4		0.57706284	1.09362162	319,961.8197
280,178	4		0.55262016	1.10364330	309,217.0398
325,006	4		0.64103837	1.06973753	347,671.5995
338,092	4		0.66684734	1.06106342	358,736.6312
346,904	4		0.68422976	1.05553280	366,169.0665
348,390	4		0.68715901	1.05462547	367,420.5659
342,024	4		0.67460271	1.05856490	362,054.1515
289,158	4		0.57033114	1.09633221	317,013.1086
309,729	4		0.61090489	1.08056431	334,681.8650

300,701	4		0.59309861	1.08731608	326,957.0273
329,607	4		0.65011322	1.06662458	351,567.3593
342,813	4		0.67616057	1.05806903	362,720.2486
383,823	4		0.75704654	1.03508886	397,290.4953
434,122	4		0.85625735	1.01431397	440,336.4910
440,684	4		0.86919949	1.01220594	446,063.1064
418,242	4		0.82493483	1.01999091	426,602.9944
384,708	4		0.75879258	1.03465265	398,038.9855
330,977	4		0.65281548	1.06571083	352,726.2489
357,877	4		0.70587179	1.04899721	375,411.9727
315,280	4		0.62185306	1.07654357	339,412.1212
357,287	4		0.70470822	1.04933871	374,915.1513
340,348	4		0.67129722	1.05962372	360,640.4857
324,431	4		0.63990258	1.07013195	347,183.5594
311,045	4		0.61350181	1.07960159	335,805.1281
315,810	4		0.62289913	1.07616460	339,863.3913
318,952	4		0.62909616	1.07393818	342,534.4653
335,569	4		0.66187085	1.06269296	356,606.3071
341,677	4		0.67391900	1.05878316	361,761.7819
301,966	4		0.59559295	1.08635444	328,041.6993
336,806	4		0.66431234	1.06189093	357,651.6175
337,965	4		0.66659763	1.06114470	358,629.7648
341,388	4		0.67334846	1.05896559	361,517.7968
362,063	4		0.71412884	1.04660611	378,937.6821
352,262	4		0.69479779	1.05229286	370,683.2934
324,557	4		0.64015230	1.07004514	347,290.8722
348,794	4		0.68795684	1.05437958	367,761.3944
342,825	4		0.67618369	1.05806168	362,730.1347
340,463	4		0.67152485	1.05955051	360,737.8520
303,991	4		0.59958803	1.08482496	329,777.1703
337,385	4		0.66545274	1.06151801	358,139.7636
411,639	4		0.81191047	1.02259104	420,937.9566
425,051	4		0.83836499	1.01745713	432,471.2224
420,266	4		0.82892609	1.01922228	428,343.9876
399,691	4		0.78834604	1.02765301	410,744.1097
327,888	4		0.64672116	1.06778016	350,111.9082
334,613	4		0.65998589	1.06331555	355,799.0434
342,828	4		0.67619014	1.05805963	362,732.8940
317,678	4		0.62658326	1.07483716	341,451.8100
301,418	4		0.59451213	1.08677049	327,571.8068
329,281	4		0.64946919	1.06684325	351,291.0844
415,937	4		0.82038933	1.02088237	424,623.1496
443,347	4		0.87445091	1.01139022	448,396.4289
400,151	4		0.78925250	1.02744977	411,135.0689

348,176	4		0.68673758	1.05475557	367,240.5239
343,089	4		0.67670510	1.05789618	362,953.0566
340,126	4		0.67085981	1.05976451	360,453.3820
342,732	4		0.67600054	1.05811987	362,651.8319
335,114	4		0.66097512	1.06298845	356,222.7188
371,798	4		0.73332976	1.04126452	387,140.2608
386,386	4		0.76210324	1.03383249	399,458.7575
407,459	4		0.80366688	1.02430949	417,364.2304
391,266	4		0.77172830	1.03149970	403,591.0190
415,703	4		0.81992673	1.02097405	424,421.8274
335,031	4		0.66080985	1.06304304	356,151.9414
343,113	4		0.67675205	1.05788129	362,973.1256
304,700	4		0.60098704	1.08429250	330,384.3916
280,877	4		0.55399874	1.10306489	309,825.9521
328,700	4		0.64832341	1.06723313	350,799.4967
355,313	4		0.70081537	1.05048939	373,252.9518
328,178	4		0.64729395	1.06758436	350,357.7353
303,858	4		0.59932461	1.08492541	329,662.8032
283,415	4		0.55900312	1.10097843	312,033.3383
281,558	4		0.55534218	1.10250273	310,419.0002
311,659	4		0.61471164	1.07915500	336,328.1520
394,471	4		0.77804918	1.03000954	406,308.8228
432,059	4		0.85218812	1.01500548	438,542.6341
403,998	4		0.79683987	1.02577532	414,410.9842
450,516	4		0.88859089	1.00930754	454,708.7750
431,794	4		0.85166420	1.01509551	438,311.8972
360,219	4		0.71049201	1.04765230	377,384.7369
359,790	4		0.70964441	1.04789771	377,022.8165
368,056	4		0.72594819	1.04328184	383,985.8615
409,273	4		0.80724543	1.02355659	418,914.5166
393,406	4		0.77594791	1.03050124	405,404.9482
425,485	4		0.83922118	1.01730067	432,846.3178
410,617	4		0.80989571	1.02300583	420,063.7140
417,590	4		0.82364951	1.02024124	426,042.8505
370,945	4		0.73164789	1.04172019	386,421.3931
407,756	4		0.80425208	1.02418564	417,617.6409
394,457	4		0.77802234	1.03001579	406,297.2771
372,975	4		0.73565000	1.04063976	388,132.1434
352,624	4		0.69551056	1.05207767	370,987.6855
347,411	4		0.68522794	1.05522281	366,595.5574
304,472	4		0.60053583	1.08446405	330,188.5790
298,674	4		0.58910089	1.08886809	325,216.7539
291,046	4		0.57405590	1.09482775	318,645.6135
308,130	4		0.60775216	1.08174060	333,317.1008

330,050	4		0.65098635	1.06632868	351,941.8624
395,037	4		0.77916513	1.02974989	406,789.0187
428,255	4		0.84468495	1.01631656	435,242.9222
400,893	4		0.79071674	1.02712290	411,766.7817
446,936	4		0.88152978	1.01032684	451,551.0302
435,699	4		0.85936706	1.01379477	441,709.4672
397,093	4		0.78322150	1.02881481	408,535.4683
394,159	4		0.77743331	1.03015327	406,043.8614
354,894	4		0.69998728	1.05073579	372,899.3535
341,771	4		0.67410467	1.05872385	361,841.1810
367,561	4		0.72497191	1.04355203	383,568.7785
380,466	4		0.75042693	1.03676561	394,454.5334
371,796	4		0.73332495	1.04126582	387,138.2061
392,653	4		0.77446322	1.03085087	404,766.5336
393,776	4		0.77667910	1.03032972	405,719.4284
406,510	4		0.80179581	1.02470738	416,554.2862
401,090	4		0.79110505	1.02703652	411,934.3478
416,089	4		0.82068754	1.02082336	424,752.9451
398,302	4		0.78560543	1.02827163	409,562.5999
323,523	4		0.63811215	1.07075588	346,414.0033
277,786	4		0.54790081	1.10563536	307,129.7052
309,854	4		0.61115124	1.08047274	334,788.4560
316,705	4		0.62466441	1.07552714	340,624.6667
303,281	4		0.59818730	1.08535971	329,168.9353
332,190	4		0.65520767	1.06490697	353,751.7552
402,639	4		0.79415970	1.02636135	413,253.0735
445,793	4		0.87927519	1.01066101	450,545.1183
391,402	4		0.77199546	1.03143604	403,705.8195
403,836	4		0.79652014	1.02584491	414,272.8095
391,376	4		0.77194386	1.03144834	403,683.6436
392,384	4		0.77393225	1.03097635	404,538.2620
404,546	4		0.79792164	1.02554047	414,878.5752
406,579	4		0.80193043	1.02467866	416,612.5435
427,716	4		0.84362142	1.01650618	434,776.0160
432,058	4		0.85218562	1.01500591	438,541.5331
378,039	4		0.74563849	1.03800118	392,404.6306
389,282	4		0.76781375	1.03243918	401,909.5466
429,098	4		0.84634774	1.01602198	435,973.3094
448,031	4		0.88369024	1.01001058	452,515.9986
491,200	4		0.96883671	1.00062983	491,509.5861
474,974	4		0.93683240	1.00345033	476,612.8392
443,651	4		0.87505102	1.01129846	448,663.4408
422,602	4		0.83353473	1.01835119	430,357.3601
346,685	4		0.68379742	1.05566732	365,984.3346

307,837	4		0.60717324	1.08195749	333,066.3669
324,714	4		0.64046210	1.06993752	347,423.9948
321,668	4		0.63445357	1.07203909	344,840.6259
295,429	4		0.58270088	1.09138033	322,425.7761
304,517	4		0.60062581	1.08442983	330,227.6274
390,784	4		0.77077730	1.03172677	403,182.4077
431,005	4		0.85010878	1.01536414	437,627.1735
416,964	4		0.82241331	1.02048331	425,504.3393
431,083	4		0.85026175	1.01533763	437,694.4943
435,038	4		0.85806298	1.01401152	441,133.4736
437,993	4		0.86389102	1.01305378	443,710.2079
437,319	4		0.86256273	1.01326959	443,122.3488
422,779	4		0.83388418	1.01828586	430,510.1621
424,771	4		0.83781265	1.01755838	432,229.3065
405,835	4		0.80046267	1.02499265	415,977.4551
445,621	4		0.87893774	1.01071139	450,394.6585
459,991	4		0.90727941	1.00680939	463,122.9169
444,770	4		0.87725874	1.01096346	449,646.3998
469,482	4		0.92600072	1.00459737	471,640.7473
468,099	4		0.92327178	1.00490170	470,393.2750
423,470	4		0.83524675	1.01803209	431,106.1545
402,429	4		0.79374471	1.02645262	413,073.8569
361,082	4		0.71219334	1.04716152	378,111.2000
322,874	4		0.63683287	1.07120331	345,863.9839
307,510	4		0.60652779	1.08219963	332,786.7641
344,781	4		0.68004162	1.05684243	364,379.2974
355,673	4		0.70152370	1.05027908	373,555.4037
324,175	4		0.63939786	1.07030757	346,966.6511
297,723	4		0.58722486	1.08960098	324,399.2776
310,916	4		0.61324595	1.07969619	335,694.4925
328,106	4		0.64715203	1.06763285	350,296.8290
337,953	4		0.66657321	1.06115265	358,619.3169
352,267	4		0.69480629	1.05229029	370,686.9221
370,965	4		0.73168683	1.04170961	386,438.0372
373,209	4		0.73611156	1.04051601	388,329.4807
393,944	4		0.77701054	1.03025212	405,861.9947
404,469	4		0.79776871	1.02557361	414,812.4654
405,164	4		0.79913951	1.02527724	415,405.1529
421,035	4		0.83044393	1.01893344	429,006.7171
439,526	4		0.86691453	1.01256802	445,049.6354
423,449	4		0.83520531	1.01803978	431,088.0202
329,815	4		0.65052229	1.06648587	351,742.8233
378,805	4		0.74714908	1.03760935	393,051.1750
430,232	4		0.84858406	1.01562941	436,956.3935

374,576	4		0.73880840	1.03979648		389,482.6603
361,695	4		0.71340229	1.04681423		378,627.4319
426,204	4		0.84063868	1.01704298		433,467.5918
401,600	4		0.79210975	1.02681360		412,367.9752
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000	0.00000000	0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000
0	0		0.00000000	0.00000000		0.0000

Datos utilizados son solamente para propósitos de ilustración.

Dependable Capacity = **507,000.00**
(Valores de EDH, OH & EFMH van dentro de la hoja de trabajo EA en el mes relevante)

NEO KWH	MW Promedio Según declarado por EcoEléctrica o Salida Forzada *	KW Promedio Ajustado a 507000 KW	Penalidad no poder subir **	Available Capacity KW	Derating/Outage KW	Derating (Equivalent Derated Hours)	Outage Hours	Force Majeure Flag	(Equivalent Force Majeure Hours)
184,368	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
184,236	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
186,298	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
182,498	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
182,554	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
185,428	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
186,016	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
192,066	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
174,552	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,676	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
167,120	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,307	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
167,777	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
167,588	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
167,798	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
201,804	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
206,885	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
188,872	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
218,534	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
278,552	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
280,743	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
281,727	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
281,035	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
295,975	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
232,291	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
206,761	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,965	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
188,594	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,338	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,585	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
165,387	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,894	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,135	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,759	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,617	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
170,376	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,246	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,434	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
167,988	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
171,744	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
183,684	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
169,302	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
192,207	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
254,412	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
258,135	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
231,718	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
224,084	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
203,173	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
165,034	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
165,845	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
164,944	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
166,478	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
168,544	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
180,877	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
210,833	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,586	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,709	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,655	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,683	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,746	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
208,112	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
208,141	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
209,803	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
226,441	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
232,328	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
212,971	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
211,679	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
235,285	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
227,944	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
207,214	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
188,760	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
188,069	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
187,836	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
189,220	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
188,688	N/A	507,000		507,000	0	0.00%	0.00%		0.00%
187,716	N/A	507,000		507,000	0	0.00%	0.00%		0.00%

189,087	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
197,288	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
205,132	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
197,664	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,371	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
199,155	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,119	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
199,208	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
197,885	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,015	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
203,016	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,773	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,418	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,925	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,483	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,872	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,037	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,482	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
206,590	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,565	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,119	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,199	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,194	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,203	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,570	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,511	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
193,482	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
194,411	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
221,616	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
239,259	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,300	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,682	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,754	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
239,299	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
239,276	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
239,303	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,809	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
236,408	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
246,160	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
308,999	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
326,462	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,289	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,640	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
261,019	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,383	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,298	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,213	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,717	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,713	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
184,878	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
205,201	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
204,956	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
191,701	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
190,315	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
176,421	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,343	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,293	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,597	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,567	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,093	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,378	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,965	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,925	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,198	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,512	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,873	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,229	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
153,713	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
80,085	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
79,323	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
79,151	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
79,954	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
78,905	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
79,446	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
78,597	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
78,325	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
83,880	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
108,614	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,602	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,572	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,905	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,824	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,563	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,272	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,549	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

109,362	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,544	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
108,979	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,602	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,344	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,373	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,159	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,747	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,297	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,946	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,998	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,372	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,878	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,930	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,986	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,951	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,869	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,834	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,720	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,230	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,061	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,865	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,794	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
108,730	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
108,905	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,982	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,350	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
112,380	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,038	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
110,082	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,726	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
109,802	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
106,049	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
111,624	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
107,192	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,807	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
89,938	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,249	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,131	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,080	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
89,957	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
89,962	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,641	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
89,863	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
89,835	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
90,954	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
100,001	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
104,656	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
104,116	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
104,431	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
104,240	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
103,144	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
104,075	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
98,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
80,388	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
79,024	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
80,742	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
85,197	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
80,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
81,560	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
77,753	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
134,618	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,905	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,685	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,816	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,794	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,142	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,770	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,379	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,620	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,727	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,674	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
172,845	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,461	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,644	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,012	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,870	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,371	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,820	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,633	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,523	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,102	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,043	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,690	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

167,174	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,798	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,293	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,373	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,998	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,238	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,234	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,570	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,411	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,053	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,799	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,504	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,089	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
252,026	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
254,942	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
255,008	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
252,513	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
251,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
256,444	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
258,745	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
249,798	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
247,244	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
259,177	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
259,687	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
256,587	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
238,353	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,604	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
213,551	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,938	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,289	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
206,996	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,167	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
209,715	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,820	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,274	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,896	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,256	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,016	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,039	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
209,223	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,565	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
207,685	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
208,182	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
182,493	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,963	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,920	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,810	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
192,959	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,662	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
198,684	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
195,885	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,292	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,626	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,008	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,634	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,442	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,595	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,288	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,004	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,238	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
229,742	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
254,467	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
257,520	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
254,160	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
255,988	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
185,037	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,060	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,842	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,719	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,898	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,189	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,523	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,644	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,592	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,179	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
175,347	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
175,859	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,757	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
175,932	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
176,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
177,937	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,103	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
173,899	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,364	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

224,667	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
233,319	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
228,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
203,629	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
195,230	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,455	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,632	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,005	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,224	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,083	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,127	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,222	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,279	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
163,835	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,161	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
163,356	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,013	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
163,859	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,391	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,864	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,030	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,519	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,553	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
182,882	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,866	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
237,932	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
214,655	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
202,163	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,786	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
181,400	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,462	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,605	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,074	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,731	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,676	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,660	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,751	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
186,776	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
219,874	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
247,773	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
247,740	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
270,567	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
232,634	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
218,168	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
217,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
218,116	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
203,957	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,270	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,430	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,510	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
189,140	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,974	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
188,254	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
174,601	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,663	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,584	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,596	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,544	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,833	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,103	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
181,293	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
217,846	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
217,980	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
217,931	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
217,090	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
220,739	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
245,251	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
245,402	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
248,227	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
247,687	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
247,252	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
251,930	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,250	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
286,945	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
287,110	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
259,356	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
234,749	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
180,345	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,354	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,394	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,302	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,479	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
219,426	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,201	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,737	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

291,807	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,672	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
312,775	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
317,067	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
312,952	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
313,513	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,338	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
275,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
272,428	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
230,021	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
216,820	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
204,380	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,079	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,841	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,112	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
94,420	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
0	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
38,366	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
101,263	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
114,671	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
105,926	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
102,504	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
164,860	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
187,505	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
172,753	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,149	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
179,053	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
233,865	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
234,582	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,981	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
161,658	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
162,707	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,849	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,707	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
160,866	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
171,918	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
178,477	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
202,577	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
224,017	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,049	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,142	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,209	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,892	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,879	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
214,917	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
212,640	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
213,058	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
214,985	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
213,689	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
191,513	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
214,845	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,105	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,255	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
234,228	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
166,308	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
167,233	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
169,433	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,379	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,026	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
165,979	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,279	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
173,461	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
170,425	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
168,680	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
180,222	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
289,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
349,099	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
298,599	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
312,595	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,255	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
351,753	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,841	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,317	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
356,304	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
323,984	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,997	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
356,676	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

347,251	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
353,898	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
333,376	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
305,425	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
285,410	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,440	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
292,571	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,178	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
325,006	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
338,092	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,904	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
348,390	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,024	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
289,158	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
309,729	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
300,701	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,607	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,813	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
383,823	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
434,122	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
440,684	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
418,242	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
384,708	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
330,977	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
357,877	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
315,280	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
357,287	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
340,348	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,431	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,045	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
315,810	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
318,952	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,569	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
341,677	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,966	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
336,806	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,965	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
341,388	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
362,063	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
352,262	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,557	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
348,794	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,825	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
340,463	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,991	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
337,385	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
411,639	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
425,051	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
420,266	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
399,691	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
327,888	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
334,613	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,828	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
317,678	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
301,418	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
329,281	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
415,937	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,347	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
400,151	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
348,176	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
343,089	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
340,126	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
342,732	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,114	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,798	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
386,386	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
407,459	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
391,266	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
415,703	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
335,031	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
343,113	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
304,700	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
280,877	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,700	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
355,313	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
328,178	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,858	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
283,415	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
281,558	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
311,659	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
394,471	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,059	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
403,998	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
450,516	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
431,794	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

360,219	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
359,790	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
368,056	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
409,273	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
393,406	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
425,485	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
410,617	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
417,590	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
370,945	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
407,756	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
394,457	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
372,975	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
352,624	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
347,411	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
304,472	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
298,674	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
291,046	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
308,130	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
330,050	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
395,037	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
428,255	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
400,893	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
446,936	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,699	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
397,093	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
394,159	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
354,894	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
341,771	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
367,561	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
380,466	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
371,796	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
392,653	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
393,776	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
406,510	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
401,090	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
416,089	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
398,302	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
323,523	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
277,786	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
309,854	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
316,705	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
303,281	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
332,190	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
402,639	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
445,793	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
391,402	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
403,836	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
391,376	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
392,384	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
404,546	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
406,579	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
427,716	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
432,058	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
378,039	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
389,282	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
429,098	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
448,031	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
491,200	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
474,974	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
443,651	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
422,602	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
346,685	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
307,837	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
324,714	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
321,668	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
295,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
304,517	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
390,784	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
431,005	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
416,964	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
431,083	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
435,038	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
437,993	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
437,319	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
422,779	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
424,771	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
405,835	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
445,621	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
459,991	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
444,770	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
469,482	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
468,099	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
423,470	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
402,429	N/A	507,000	507,000	0	0.00%	0.00%	0.00%
361,082	N/A	507,000	507,000	0	0.00%	0.00%	0.00%

[illegible]

Sum of Avail. Cap.	377,208,000	EDH =	0.0	OH =	0.0	EFMH =	0.0
	96.10%					EAF =	96.10%

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Datos utilizados son solamente para propositos de ilustración.

Week	SPF declarado por ECO (\$/MMBtu)	Cantidad declarada por ECO (MMBtu)	Spot Fuel Price organizado por Precio (Ejecutar Macro Msfp - Ctrl M)							
			Semana que comienza en	Mejor						BTU Equivalentes Balance
					MMBTU equivalentes reportados:					158,079
1	11.50	138,079	01/28/20	1	11.50	138,079	01/28/20	1		20,000
2	11.50	0	02/04/20	2	11.50	10,000	02/11/20	2		10,000
3	11.50	10,000	02/11/20	3	11.50	10,000	02/18/20	3		0
4	11.50	10,000	02/18/20	4	11.50	0	02/04/20	4		0
5				5				5		0
6				6				6		0
Total		158,079								

kWh por encima de XDL: 0 kWh
MMBtu equivalentes: 0 MMBtu

Costo kWh por encima XDL: \$0.00 USD

BTU Equivalentes Utilizados		Promedio Pesado SPF
0		
138,079	-138,079	0
10,000	0	0
10,000	0	0
0	0	0
0	0	0
0	0	0
0		
0	SPF=	\$0.00

Modelo de Hoja de Trabajo para la Disponibilidad Equivalente

Month	# dias	OH	Accum. OH 12 Months	AH	Accum. AH 12 Months	Derated Capacity Reduction (MW)	Derated Hours	EDH	Accum. EDH 12 Months	PH	Accum. PH 12 Months	EFMH	Accum. EFMH 12 Months	EAF	EAAF
1 Marzo	11	18.0	18.00	246	246	-	-	31.8	31.8	264	264.0	0.0	0.0	81.1%	86.7%
2 Abril	30	55.0	73.00	665	911.00	-	-	47.0	78.8	720	984.0	0.0	0.0	85.8%	94.7%
3 Mayo	31	0.0	73.00	744	1655.00	-	-	28.9	107.7	744	1728.0	0.0	0.0	96.1%	100.0%
4 Junio	30	46.0	119.00	674	2329.00	-	-	174.2	281.9	720	2448.0	0.0	0.0	69.4%	63.3%
5 Julio	31	35.0	154.00	709	3038.00	-	-	172.7	454.6	744	3192.0	0.0	0.0	72.1%	68.7%
6 Aug	31	0.0	154.00	744	3782.00	-	-	87.9	542.5	744	3936.0	0.0	0.0	88.2%	97.8%
7 Sept.	30	28.0	182.00	692	4474.00	-	-	179.2	721.7	720	4656.0	0.0	0.0	71.2%	66.9%
8 Oct	31	26.0	208.00	718	5192.00	-	-	352.5	1,074.2	744	5400.0	0.0	0.0	49.1%	0.0%
9 Nov	30	48.0	256.00	672	5864.00	-	-	148.9	1,223.1	720	6120.0	0.0	0.0	72.7%	69.9%
10 Dec	31	25.0	281.00	719	6583.00	-	-	192.2	1,415.3	744	6864.0	0.0	0.0	70.8%	66.1%
11 Jan-01	31	0.0	281.00	744	7327.00	-	-	0.0	1,415.3	744	7608.0	0.0	0.0	100.0%	100.0%
12 Feb-01	28	1.0	282.00	671	7998.00	-	-	72.0	1,487.3	672	8280.0	0.0	0.0	89.1%	98.9%
	20	0.0	-	-	-	-	-	119.0	-	480	-	0.0	-	75.2%	70.9%
	11	10.0	-	-	-	-	-	8.5	-	264	-	0.0	-	93.0%	101.0%
13 Mar-01	31	10.0	274.00	734	8486.00	-	-	127.5	1,583.0	744	8760.0	0.0	0.0	-	-
14 Abril-01	30	0.0	219.00	720	8541.00	-	-	6.1	1,542.1	720	8760.0	0.0	0.0	99.2%	101.0%
15 May-01	31	0.0	219.00	744	8541.00	-	-	210.2	1,723.4	744	8760.0	0.0	0.0	77.8%	75.1%
16 Jun-01	30	0.0	173.00	720	8587.00	-	-	217.2	1,766.4	720	8760.0	0.0	0.0	77.9%	75.3%
17 Jul-01	31	7.0	145.00	737	8615.00	-	-	31.0	1,624.7	744	8760.0	0.0	0.0	79.8%	79.1%
18 Aug-01	31	0.0	145.00	744	8615.00	-	-	145.0	1,681.8	744	8760.0	0.0	0.0	79.1%	77.7%
19 Sep-01	30	0.0	117.00	720	8643.00	-	-	26.5	1,529.1	720	8760.0	0.0	0.0	81.2%	81.9%
20 Oct-01	31	18.0	109.00	726	8651.00	-	-	187.6	1,364.2	744	8760.0	0.0	0.0	83.2%	85.9%
21 Nov-01	30	0.0	61.00	720	8699.00	-	-	5.5	1,220.8	720	8760.0	0.0	0.0	85.4%	90.3%
22 Dec-01	31	110.0	146.00	634	8614.00	-	-	70.4	1,099.0	744	8760.0	0.0	0.0	85.8%	91.1%
23 Jan-02	31	0.0	146.00	744	8614.00	-	-	67.8	1,166.8	744	8760.0	0.0	0.0	85.0%	89.5%
24 Feb-02	28	37.0	182.00	635	8578.00	-	-	68.1	1,162.9	672	8760.0	0.0	0.0	84.6%	88.7%
25 Mar-02	31	7.0	179.00	737	8581.00	-	-	135.8	1,171.2	744	8760.0	0.0	0.0	84.6%	88.7%
26 Apr-02	30	0.0	179.00	720	8581.00	-	-	38.4	1,203.5	720	8760.0	0.0	0.0	84.2%	87.9%
27 May-02	31	0.0	179.00	744	8581.00	-	-	51.1	1,044.4	744	8760.0	0.0	0.0	86.0%	91.5%
28 Jun-02	30	4.0	183.00	716	8577.00	-	-	10.0	837.2	720	8760.0	0.0	0.0	88.4%	95.1%
29 Jul-02	31	4.0	180.00	740	8580.00	-	-	242.0	1,048.2	744	8760.0	0.0	0.0	86.0%	91.5%
30 Aug-02	31	37.0	217.00	707	8543.00	-	-	344.6	1,247.8	744	8760.0	0.0	0.0	83.3%	86.1%
31 Sep-02	30	9.0	226.00	711	8534.00	-	-	144.1	1,365.4	720	8760.0	0.0	0.0	81.8%	83.1%

BTU Tracking Account

Datos utilizados son solamente para propósitos de ilustración.

Dependable Capacity	507,000	KW
Energy Purchase Price	\$0.04043358	
Spot Fuel Cost	\$0.00	
Delivery Volume	2,700,000	
Storage Capacity	3,400,000	
Period Hours	696	Hr

Maximum Dispatch Level	76.00%
Target Dispatch Level	76.00%
Minimum Dispatch Level	54.00%
Expected Availability	93.0%
Maximum Positive Balance	800,000
Maximum Negative Balance	400,000

Jun

Availability	95.1%
Capacity Factor	46.3%
Average Correction Factor	1.11566142

Net Electrical Output (NEO)	163,300,661	KWH
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Maximum Dispatch Level (XDL)	194,243,840
Target Dispatch Level (TDL)	194,243,840
Minimum Dispatch Level (MDL)	138,015,360

Beginning BTABo (MMBTU)	800,000	800,000
Ending BTABe (MMBTU)	800,000	

Monthly Fuel Credit (MFC)	0
PREPA Selected Kwh (PSK)	0 KWH

Monthly Energy Payment (Sect 11)
Nominal Energy Payment (NEP)

Beginning BTABo (BTU)	800,000,000,000.00
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Interim BTABi (\$/MMBTU)

1.1 Si el balance inicial del BTABo >= 0

a) IF NEO > TDL, then

(i) Decrease BTABi = BTABo - (PSK x 7500 x ACF) 8E+11

(ii) IF BTABi > 0, then decrease

BTABe = BTABi - (NEO - TDL - PSK) x 7500 x / 1,058,915,834,591

But not less than zero 1.05892E+12

(iii) IF BTABi <= 0, then

BTABe = BTABi 8E+11

Escoge BTABe **1.05892E+12**

(iv) Calculate MFC

a) IF BTABe > 0, MFC = (BTABo - BTABe)/(7500*ACF) -30943179.23

b) Otherwise MFC = BTABo/(7500*ACF) 95608456.79

Escoge MFC -30943179.23

b) IF NEO < TDL and NEO >= MDL, then

(i) BTABe = BTABo **8E+11**

(ii) Calculate MFC = 0 0

c) IF NEO < MDL, then

(i) Increase BTABe = BTABo + (MDL - NEO)*7500 **5.88426E+11**

(ii) Calculate MFC = 0 0

Calc. BTABe para BTABo >= 0 8E+11

Calc. MFC para BTABo >= 0 0

1.2 Si el balance inicial del BTABo < 0

a) IF NEO > XDL, then

(i) Decrease BTABe = BTABo - (PSK x 7500 x ACF)

(ii) Calculate MFC = 0

b) IF NEO <= XDL and NEO >= TDL, then

(i) BTABe = BTABo

(ii) Calculate MFC = 0

c) IF NEO < TDL and NEO >= MDL, then

(i) Increase BTABe = BTABo + (TDL - NEO)*7500

(ii) Calculate MFC = 0

d) IF NEO < MDL, then

(i) Increase BTABi = BTABo + (MDL - NEO)*7500

(ii) IF BTABi < 0, then

Increase BTABe = BTABi + (TDL - MDL) x 7500

But not greater than zero

Calculate MFC = MDL - NEO

(iii) IF BTABi > 0, then

BTABe = BTABi

Calculate MFC = (0-BTABo)/7500

Escoge BTABe

Escoge MFC

Calc. BTABe para BTUTAO < 0

Calc. MFC para BTUTAO < 0

BTABe = 8E+11

MFC = 0

0

1.3 Set BTABo = BTABe (periodo anterior)

800,000

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)

Datos utilizados son solamente para propósitos de ilustración.

Carry Over EFMH = (Viene del Mes Anterior)	0	
BPH	696	Viene de OH&DH&FMH
EFMH =	204.20	Viene de OH&DH&FMH
Interim FMAF =	0.7066	Verifica que el EFMH es mayor o menor de 0.67
Capped EMFH =	0	Si el EFMH < 0.67, recalcula los EMFH a 33% de BPH
Recalculated FMAF =	0.71	Recalcula el EFMH dependiendo del valor del Interim EMFH
Excess EFMH =	0.00	Calcula el exceso de EFMH
Multiplier=	1.005	
Carry Over EFMH =	0	Se utiliza el proximo mes a menos que sea mayor de 1930

Si el Carry Over EFMH > 1930 aplica esta logica

Exceso sobre 1930 :	0	(Si es mayor de 1930, el exceso de 1930 se añade a EFMH)
Corrected EFMH =	0.00	Suma de EFMH + Exceso sobre 1930
Over 1930 FMAF =	0.00	Recalcula el FMAF mas bajo de 0.67
Carry Over EFMH =	0	Carry over es 1930

Escoge el FMAF y el Carry Over EFMH

FMAF =	0.71
Carry Over EFMH =	0

Modelo de Hoja de Trabajo para calcular el valor del factor de corrección para Spinning Reserve

Datos utilizados son solamente para propósitos de ilustración.

MES	Spinning Reserve		Spinning Reserve		SRPF
	Requests by PREPA		Succesful Activations		
	Ocurrencias	Acumulativa	Ocurrencias	Acumulativa	
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1

AES Puerto Rico, L.P.
Hoja de Trabajo para Calcular Factura
Input Page

Meter Reading Data

Date of Reading
Date of Last Reading
Billing Period
Days in Billing Period
Capacity Factor

December-19

12/31/2019 Data Input
11/30/2019 Data Input
206 Reference
31 Reference
95.2% Reference

Energy Payment

Net Electrical Output (NEO) in kWh	321,932,428.00	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calculado en FCDF.
Sum of Available Capacities	337,508,500	From OH&EDH&MOH&FMH
Cost of Fuel (\$/MMBtu)	3.5537	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,845.7	Calculated on FCDF based on hourly data input.
Fuel Related Charge (FRC) in ¢/kWh	3.4989	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7295	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.2284	
Energy Payment (EP) in US\$	\$13,612,590.79	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	454,300	kW	
Equivalent Availability (EA)	90.3	Calculated on EA/Se entra en Input	99.85%
Downward Adjustment	0.0000	Calculated on FACT	
Demand Charge (DC) in \$/kW-month	22.9300	Calculated on FACT	
Fixed O&M (FO&M) in \$/kW-month	6.6852	Calculated on FACT	
Capacity Purchase Price (CPP) in \$/kW-month	\$29.6152	Calculated on FACT	
CPP ajustado por FMAF	\$29.6152	Calculated on FACT	
CPP Ajustado por EAF (Downward Adjustment)	\$29.6152		
Capacity Payment (CP) in US\$	\$13,454,185.36	Calculated on FACT	

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start up Payment in US\$	\$0.00	Calculated on FACT

Miscellaneous Coal Charges

\$17,685.65 Data Input

Total Payment in US\$: \$27,084,461.80 Calculated on FACT

Payment Due Date: 16-Feb-2020

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
Planificación y Protección Ambiental

Modelo Hoja de Trabajo para Calcular Factura (Revisado 3/19/2003)

Datos utilizados son solamente para propositos de ilustración.

AES Puerto Rico Bill		December-19	
	Date of Reading	12/31/2019	
	Date of Last Reading	11/30/2019	
	Days in Billing Period	31	
	Capacity Factor	95.2%	
Meter Reading	Net Electrical Output (NEO)	321,932,428.00 KWH	
		102.0000	\$4.0944 for 2015
		106.0000	\$4.2550 for 2016-17
		127.3300	\$5.1112
		104.0600	#####
		88.8300	\$3.5658
		66.7000	\$2.6774
		66.1599	\$2.6557
		65.5500	\$2.6313
		52.2800	\$2.0986
Energía	Energy Payment	52.0200	\$2.0882
		51.7600	\$2.0777
A	Fuel Related Charge	51.5000	\$2.0673
		36.2500	\$1.4551
	Cost of Fuel (\$/MT) - Coal + Freight	\$88.5300	\$3.5537
	Cost of Fuel (\$/MMBTU)	\$3.5537	
	FCDC (Fuel Cost Determination Factor)	9,845.7411	
	Heat Rate (HR) @ Base Load	9800	
	FRC (cents/KWH)	3.4989	
		3.4989	\$3.4826 if HR= 9800
B	Variable Operation & Maintenance Cost		
	Variable Operation & Maintenance Charge (Jan 1, 1993)	0.4190	
	US-CPI FY 1993	142.5250	
	US-CPI Prior Year	248.1263	
1	Variable Operation & Maintenance Charge (cents/KW)	0.7295	
C	Energy Purchase Price (\$/kwh)	4.2284	4.2121
	Energy Charge (\$)		\$13,612,590.79
Capacidad			
	Capacity Payment		
	Dependable Capacity (DC)	454,300 KW	
	Demand Charge (DC)	22.9300	
	Fixed Operation & Maintenance Charge		
	Fixed Operation & Maintenance Charge (Jan 1, 1994)	3.8400	
	US CPI FY 1993	142.5250	
	US CPI Year	248.1263	
	Fixed Operation & Maintenance Charge (\$/KW)	6.6852	

Capacity Purchase Price (CPP)	29.6152	\$29.6152 Check
CPP ajustado por FMAF	29.6152	
Equivalent Availability Factor (EAF)	90.3	
Downward Adjustment	0.0000	
CPP Ajustado por EAF (Downward Adjustment)	29.6152	
Capacity Payment (CP)		\$13,454,185.36

11.1.1.© Start Up Payment

Cost per Cold Start (\$CS)	\$0.00	
Number of Cold Starts	0	
Cost per Warm Start (\$WS)	\$0.00	
Number of Warm Starts	0	
Cost per Hot Start (\$HS)	\$0.00	
Number of Hot Starts	0	
Total Payment:		\$27,066,776.15

Definition

Medición Remota
Medición Remota
Medición Remota
Basado en Available Capacity
Medición Remota

=Fuel Related Charge + VO&M Charge

Depends on Fuel Supply contract

TBA

Fuel Cost Determination Factor, based on Heat Rate @ Dispatch

As per PPOA

= Cost of Fuel x Fuel Cost Determination Factor / 10,000

Valor Base para Jan 1, 1995.

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=0.00419 * USCPI relevant year/USCPI 1993

A ser determinado durante las pruebas

PPOA

De acuerdo con la sección 11.b.(1), según enmendada, calc. En langaf600.xls
calculado al treasury rate= 4.888% plus 40 basis points = 5.288%

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=3.84 * USCPI relevant year/USCPI 1993

Planif. Generación

661	459,744.0	5,444	1	5,444	#####	###	454,300.0	2	1.00000000	1	454300.0000
662	459,936.0	5,636	1	5,636	#####	###	454,300.0	2	1.00000000	1	454300.0000
663	459,616.0	5,316	1	5,316	#####	###	454,300.0	2	1.00000000	1	454300.0000
664	460,064.0	5,764	1	5,764	#####	###	454,300.0	2	1.00000000	1	454300.0000
665	459,520.0	5,220	1	5,220	#####	###	454,300.0	2	1.00000000	1	454300.0000
666	459,744.0	5,444	1	5,444	#####	###	454,300.0	2	1.00000000	1	454300.0000
667	458,912.0	4,612	1	4,612	#####	###	454,300.0	2	1.00000000	1	454300.0000
668	459,040.0	4,740	1	4,740	#####	###	454,300.0	2	1.00000000	1	454300.0000
669	459,072.0	4,772	1	4,772	#####	###	454,300.0	2	1.00000000	1	454300.0000
670	459,392.0	5,092	1	5,092	#####	###	454,300.0	2	1.00000000	1	454300.0000
671	459,328.0	5,028	1	5,028	#####	###	454,300.0	2	1.00000000	1	454300.0000
672	459,808.0	5,508	1	5,508	#####	###	454,300.0	2	1.00000000	1	454300.0000
673	459,392.0	5,092	1	5,092	#####	100	454,300.0	2	1.00000000	1	454300.0000
674	459,520.0	5,220	1	5,220	#####	200	454,300.0	2	1.00000000	1	454300.0000
675	459,936.0	5,636	1	5,636	#####	300	454,300.0	2	1.00000000	1	454300.0000
676	409,632.0	0	0	0	#####	400	409,632.0	2	0.90167731	1	409632.0000
677	322,112.0	0	0	0	#####	500	322,112.0	2	0.70902928	1.031	332097.4720
678	332,512.0	0	0	0	#####	600	332,512.0	2	0.73192164	1.031	342819.8720
679	352,320.0	0	0	0	#####	700	352,320.0	2	0.77552278	1.031	363241.9200
680	352,256.0	0	0	0	#####	800	352,256.0	2	0.77538191	1.031	363175.9360
681	352,384.0	0	0	0	#####	900	352,384.0	2	0.77566366	1.031	363307.9040
682	365,952.0	0	0	0	#####	###	365,952.0	2	0.80552939	1.016	371807.2320

Horas PH			NEO KWH	kW Instantaneo Según METRO Unit 1 **	Available Capacity declarado para Unidad 1	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 1 - KW	Derating/Outage Unit 1 - KW	Derated Hours Unit 1	Outage Hours
1	43800	100	454,300	229,056.0	198.82	198,816		198,816	28,334.00	12.47%	0
2	43800	200	417,696	174,592.0	193.63	193,632		193,632	33,518.00	14.76%	0
3	43800	300	375,264	156,832.0	209.12	209,120		209,120	18,030.00	7.94%	0

Unit 1 EMOH Flag	Unit 1 MOH Hours	Unit 1 EMOH Hours	Force Majeure Flag	Equivalent Force Majeure Hours ***			kW Instantaneo Según declarado METRO Unit 2 **	Available Capacity declarado para Unidad 2	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 2 - KW
0	0.00	0.00	0	0.00%	43800.04	100	138,896.0	229.57	228,000		228,000
0	0.00	0.00	0	0.00%	43800.08	200	171,552.0	229.44	228,000		228,000
0	0.00	0.00	0	0.00%	43800.13	300	213,104.0	229.57	228,000		228,000

Derating/Outage Unit 2 - KW	Derated Hours Unit 2	Outage Hours	Unit 2 EMOH Flag	Unit 2 MOH Hours	Unit 2 EMOH Hours	Counter	Force Majeure Flag	(Equivalent Force Majeure Hours) ***	Facility Available Capacity KW	Date
0.00	0.00%	0	0	0.00	1.00	1	0	0.00%	426,816	43800.04167
0.00	0.00%	0	0	0.00	1.00	2	0	0.00%	421,632	43800.08333
0.00	0.00%	0	0	0.00	1.00	3	0	0.00%	437,120	43800.125

	Facility Available Capacity MW (Declared)	Ajustes hechos por DOSE	KW Promedio Ajustado a 454,300	Penalizaciones	Available Capacity Facility - KW	Derating/Outage Facility - KW	Equivalent Derated Hours Facility - %	Facility Outage Hours Calculado por suma de las dos maquinas	Facility EMOH	Facility (Equivalent Force Majeure Hours)
100	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0
200	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0
300	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0

Exhibit A - Enmienda

Overhaul Hours greater than 438 allowed as Major Overhaul Hours

Example 1

Month	# dias	PH	Accum. PH 12 Months	OH	Accum. OH 12 Months	Accum. AH 12 Months	Derated Capacity (MW)	Derated Hours	EDH	Accum. EDH 12 Months	Overhaul Hours	Unit 1 EMOH	Unit 2 EMOH	Accumulative EMOH	EFMH	Accum. EFMH 12 Months
Nov-02	2	48	48	0	0	48	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Dec-02	31	744	792	0	0	792	-	-	49.8	49.8	0.0	0.0	0.0	0.0	0	0
Jan-03	31	744	1,536	0	0	1,536	-	-	96.5	146.3	0.0	0.0	0.0	0.0	0	0
Feb-03	28	672	2,208	36	36	2,172	-	-	24.4	170.7	0.0	0.0	0.0	0.0	0	0
Mar-03	31	744	2,952	0	36	2,916	-	-	179.1	349.8	0.0	0.0	0.0	0.0	0	0
Apr-03	30	720	3,672	0	36	3,636	-	-	17.1	366.9	0.0	0.0	0.0	0.0	0	0
May-03	31	744	4,416	11	47	4,369	-	-	208.7	575.6	0.0	0.0	0.0	0.0	0	0
Jun-03	30	720	5,136	2	49	5,087	-	-	360.4	936.0	0.0	0.0	0.0	0.0	0	0
Jul-03	31	744	5,880	0	49	5,831	-	-	159.9	1085.9	0.0	0.0	0.0	0.0	0	0
Aug-03	31	744	6,624	2	51	6,573	-	-	64.6	1180.5	0.0	0.0	0.0	0.0	0	0
Sep-03	30	720	7,344	0	51	7,293	-	-	160.9	1321.4	0.0	0.0	0.0	0.0	0	0
Oct-03	31	744	8,088	1	52	8,036	-	-	42.9	1364.3	0.0	0.0	0.0	0.0	0	0
Nov-03	30	501	8,541	0	52	8,489	-	-	66.5	1430.8	550.0	0.0	219.0	219.0	0	0
Dec-03	31	744	8,541	0	52	8,489	-	-	70.6	1451.6	123.0	0.0	0.0	0.0	0	0
Jan-04	31	744	8,541	0	52	8,489	-	-	163.9	1518.9	0.0	0.0	0.0	0.0	0	0
Feb-04	29	696	8,565	0	16	8,549	-	-	13.7	1508.2	0.0	0.0	0.0	0.0	0	0
Mar-04	31	744	8,565	0	16	8,549	-	-	0.0	1329.1	0.0	0.0	0.0	0.0	0	0
Apr-04	30	720	8,565	0	16	8,549	-	-	0.7	1312.7	0.0	0.0	0.0	0.0	0	0
May-04	31	744	8,565	0	5	8,560	-	-	0.0	1104.0	0.0	0.0	0.0	0.0	0	0
Jun-04	30	720	8,565	0	3	8,562	-	-	146.7	890.3	0.0	0.0	0.0	0.0	0	0
Jul-04	31	744	8,565	0	3	8,562	-	-	58.8	789.2	0.0	0.0	0.0	0.0	0	0
Aug-04	31	744	8,565	0	1	8,564	-	-	62.7	787.3	0.0	0.0	0.0	0.0	0	0
Sep-04	30	720	8,565	7	8	8,557	-	-	2.8	629.2	0.0	0.0	0.0	0.0	0	0
Oct-04	31	744	8,565	0	7	8,558	-	-	103.8	690.1	0.0	0.0	0.0	0.0	0	0
Nov-04	30	720	8,784	0	7	8,777	-	-	2.7	626.3	0.0	0.0	0.0	0.0	0	0
Dec-04	31	744	8,784	0	7	8,777	-	-	5.2	560.9	0.0	0.0	0.0	0.0	0	0
Jan-05	31	744	8,784	0	7	8,777	-	-	51.5	448.6	0.0	0.0	0.0	0.0	0	0
Feb-05	28	672	8,760	14	21	8,739	-	-	70.0	504.9	0.0	0.0	0.0	0.0	0	0
Mar-05	31	744	8,760	0	21	8,739	-	-	1.8	506.7	0.0	0.0	0.0	0.0	0	0
Apr-05	30	720	8,760	0	21	8,739	-	-	179.5	685.5	0.0	0.0	0.0	0.0	0	0
May-05	31	744	8,760	13	34	8,726	-	-	239.3	924.8	0.0	0.0	0.0	0.0	0	0
Jun-05	30	720	8,760	0	34	8,726	-	-	55.9	834.0	0.0	0.0	0.0	0.0	0	0
Jul-05	31	744	8,760	0	34	8,726	-	-	24.8	800.0	0.0	0.0	0.0	0.0	0	0
Aug-05	31	744	8,760	0	34	8,726	-	-	65.3	802.6	0.0	0.0	0.0	0.0	0	0
Sep-05	30	720	8,760	3	30	8,730	-	-	54.3	854.1	0.0	0.0	0.0	0.0	0	0
Oct-05	31	541	8,557	0	30	8,527	-	-	15.3	765.6	406.0	203.0	0.0	203.0	0	0
Nov-05	30	704	8,541	0	30	8,511	-	-	26.0	788.9	45.0	16.0	0.0	16.0	0	0
Dec-05	31	744	8,541	0	30	8,511	-	-	32.0	815.7	0.0	0.0	0.0	0.0	0	0
Jan-06	31	744	8,541	0	30	8,511	-	-	0.2	764.4	0.0	0.0	0.0	0.0	0	0
Feb-06	28	672	8,541	0	16	8,525	-	-	0.0	694.4	0.0	0.0	0.0	0.0	0	0
Mar-06	31	744	8,541	0	16	8,525	-	-	36.9	729.5	0.0	0.0	0.0	0.0	0	0
Apr-06	30	720	8,541	11	27	8,514	-	-	246.9	796.9	0.0	0.0	0.0	0.0	0	0
May-06	31	744	8,541	0	14	8,527	-	-	3.6	561.2	0.0	0.0	0.0	0.0	0	0
Jun-06	30	720	8,541	0	14	8,527	-	-	37.5	542.8	0.0	0.0	0.0	0.0	0	0
Jul-06	31	744	8,541	0	14	8,527	-	-	22.0	540.0	0.0	0.0	0.0	0.0	0	0
Aug-06	31	744	8,541	0	14	8,527	-	-	0.0	474.7	0.0	0.0	0.0	0.0	0	0
Sep-06	30	720	8,541	0	11	8,530	-	-	1.1	421.5	0.0	0.0	0.0	0.0	0	0
Oct-06	31	744	8,744	0	11	8,733	-	-	209.0	615.2	0.0	0.0	0.0	0.0	0	0
Nov-06	30	720	8,760	0	11	8,749	-	-	85.2	674.4	0.0	0.0	0.0	0.0	0	0
Dec-06	31	744	8,760	0	11	8,749	-	-	16.3	658.7	0.0	0.0	0.0	0.0	0	0
Jan-07	31	744	8,760	0	11	8,749	-	-	77.7	736.2	0.0	0.0	0.0	0.0	0	0
Feb-07	28	672	8,760	0	11	8,749	-	-	88.5	824.7	0.0	0.0	0.0	0.0	0	0
Mar-07	31	744	8,760	0	11	8,749	-	-	1.0	788.8	0.0	0.0	0.0	0.0	0	0
Apr-07	30	720	8,760	0	0	8,760	-	-	1.2	543.1	0.0	0.0	0.0	0.0	0	0
May-07	31	744	8,760	0	0	8,760	-	-	147.6	687.1	0.0	0.0	0.0	0.0	0	0
Jun-07	30	720	8,760	0	0	8,760	-	-	68.3	717.9	0.0	0.0	0.0	0.0	0	0
Jul-07	31	744	8,760	0	0	8,760	-	-	1.5	697.4	0.0	0.0	0.0	0.0	0	0
Aug-07	31	744	8,760	0	0	8,760	-	-	17.7	715.1	0.0	0.0	0.0	0.0	0	0
Sep-07	30	720	8,760	0	0	8,760	-	-	40.4	754.4	0.0	0.0	0.0	0.0	0	0
Oct-07	31	744	8,760	0	0	8,760	-	-	44.2	589.6	0.0	0.0	0.0	0.0	0	0
Nov-07	30	720	8,760	0	0	8,760	-	-	166.7	671.1	0.0	0.0	0.0	0.0	0	0
Dec-07	31	744	8,760	4	4	8,756	-	-	50.2	705.0	0.0	0.0	0.0	0.0	0	0
Jan-08	31	744	8,760	0	4	8,756	-	-	3.0	630.3	0.0	0.0	0.0	0.0	0	0
Feb-08	29	696	8,784	0	4	8,780	-	-	4.3	546.1	0.0	0.0	0.0	0.0	0	0
Mar-08	31	744	8,784	0	4	8,780	-	-	74.3	619.4	0.0	0.0	0.0	0.0	0	0
Apr-08	30	720	8,784	0	4	8,780	-	-	0.6	618.8	0.0	0.0	0.0	0.0	0	0
May-08	31	744	8,784	0	4	8,780	-	-	61.1	532.3	0.0	0.0	0.0	0.0	0	0
Jun-08	30	523	8,587	0	4	8,583	-	-	11.0	475.0	395.0	0.0	197.5	197.5	0	0
Jul-08	31	723	8,565	0	4	8,561	-	-	342.6	616.1	289.0	0.0	21.5	21.5	0	0
Aug-08	31	744	8,565	0	4	8,561	-	-	15.1	613.5	0.0	0.0	0.0	0.0	0	0
Sep-08	30	720	8,565	0	4	8,561	-	-	28.7	601.8	0.0	0.0	0.0	0.0	0	0
Oct-08	31	744	8,565	0	4	8,561	-	-	10.1	567.7	0.0	0.0	0.0	0.0	0	0
Nov-08	30	720	8,565	95	99	8,466	-	-	178.3	579.3	0.0	0.0	0.0	0.0	0	0
Dec-08	31	744	8,565	0	95	8,470	-	-	5.2	534.3	0.0	0.0	0.0	0.0	0	0
Jan-09	31	744	8,565	0	95	8,470	-	-	1.3	532.6	0.0	0.0	0.0	0.0	0	0
Feb-09	28	672	8,541	0	95	8,446	-	-	108.6	636.9	0.0	0.0	0.0	0.0	0	0
Mar-09	31	744	8,541	0	95	8,446	-	-	112.5	675.1	0.0	0.0	0.0	0.0	0	0
Apr-09	30	720	8,541	3	98	8,443	-	-	146.0	820.5	0.0	0.0	0.0	0.0	0	0

Coal Price

Hora

Fecha

		104.06		1	100	43800.04167
		88.83		2	200	43800.08333
(i)	Cost of Fuel (\$/MT) - Coal + Freight	\$127.33	DEQ	3	300	43800.125
		90.03		4	400	43800.16667
(ii)	Cost of Fuel (\$/MMBtu)	\$5.1112		5	500	43800.20833
	Transition Cost	\$3.6139		6	600	43800.25
				7	700	43800.29167
(iii)	Emergency Purchase Coal Price (\$/MT)	\$81.25	DEQ	8	800	43800.33333
				9	900	43800.375
		\$3.2615		10	1000	43800.41667
				11	1100	43800.45833
	Emergency Purchase Coal Price (\$/MT)	\$123.98	DEQ	12	1200	43800.5
				13	1300	43800.54167
(iv)		\$4.9767		14	1400	43800.58333
				15	1500	43800.625
(v)				16	1600	43800.66667
				17	1700	43800.70833
(iv)				18	1800	43800.75
				19	1900	43800.79167
				20	2000	43800.83333
				21	2100	43800.875
				22	2200	43800.91667
				23	2300	43800.95833
				24	2400	43801
				25	100	43801.04167
				26	200	43801.08333
				27	300	43801.125
				28	400	43801.16667
				29	500	43801.20833
				30	600	43801.25
				31	700	43801.29167
				32	800	43801.33333

33	900	43801.375
34	1000	43801.41667

Anejo D

**Demand Charge as Provided in Article 11.1 (b)(1)
Following Procedure Described on Exhibit J of the
Power Purchase and Operating Agreement
Calculated Using the 10-year Treasury Rate of 4.888%**

Year	Demand Charge* (\$/KW - Month)
1	18.84
2	19.06
3	19.29
4	19.51
5	19.74
6	19.97
7	20.20
8	20.44
9	20.67
10	20.92
11	21.16
12	21.41
13	21.65
14	21.91
15	22.15
16	22.41
17	22.67
18	22.93
19	17.28
20	17.55
21	13.53
22	13.66
23	13.80
24	13.94
25	14.08

* The following Demand Charges
apply for the remaining of the Term.

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)
(Datos utilizados sólo si es declarada una Fuerza Mayor.)

CPP =	29.6152	Capacity Purchase Price (\$/kW-month)
EFMH =	0	Equivalent Force Majeure Hours
DC =	454,300	Dependable Capacity (kW)
BPH =	744	Billing Period Hours
FMACP=	\$13,454,185.36	$CPP \times (BPH - EFMH) \times DC / BPH$
FMACP=	\$29.6152	per kW

AES Puerto Rico, L.P.

Additional Energy Sales Agreement Invoice Verification Sheet

Input Page

Meter Reading Data

December-19

Date of Reading	12/31/2019
Date of Last Reading	11/30/2019
Billing Period	206 A
Days in Billing Period	31

Energy Payment

Energy Above Dependable Capacity (kWh)	2,088,532.00	
Cost of Fuel (\$/MMBtu)	3.5537	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,800.0	
Fuel Related Charge (FRC) in ¢/kWh	3.4826	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7295	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.2121	
Energy Payment (EP) in US\$	\$87,971.60	

Additional Sales Surcharge

Additional Sales Surcharge in \$/kW	0.0450
Capacity Payment (CP) in US\$	\$93,983.94

Total Payment in US\$: \$181,955.54

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Roberto Rivera Medina, Ingeniero Gerencial
Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
Generación y Proyectos de Energía Renovable

Aprobado:

Efran Paredes Maisonet, Director
Planificación y Protección Ambiental

	Delivery Number	Customs Bond Renewal	Customs Broker Fees	Bunker Price Adjustment
1	577		\$ 600.00	(\$6,726.20)
2	578			
3	579		\$ 600.00	\$2,382.10
4	580		\$ 600.00	\$1,277.97
5	581		\$ 600.00	\$521.44
6	582		\$ 600.00	\$1,720.43
7	583		\$ 600.00	(\$277.62)
8	584		\$ 600.00	(\$3,695.79)
9	585		\$ 600.00	(\$206.57)
10	586		\$ 600.00	\$7,464.86
11	587		\$ 600.00	\$9,225.03
11	Shipments	\$ -	\$ 6,000.00	\$11,685.65

Total

(\$6,126.20)

\$0.00

\$2,982.10

\$1,877.97

\$1,121.44

\$2,320.43

\$322.38

(\$3,095.79)

\$393.43

\$8,064.86

\$9,825.03

\$17,685.65

AES Puerto Rico, L.P.
Hoja de Trabajo para Calcular Factura
Input Page

Meter Reading Data

Date of Reading	January-20	
Date of Last Reading	1/31/2020	Data Input
Billing Period	12/31/2019	Data Input
Days in Billing Period	207	Reference
Capacity Factor	31	Reference
	71.2%	Reference

Energy Payment

Net Electrical Output (NEO) in kWh	240,762,836.00	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calculado en FCDF.
Sum of Available Capacities	262,755,400	From OH&EDH&MOH&FMH
Cost of Fuel (\$/MMBtu)	3.5537	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,877.5	Calculated on FCDF based on hourly data input.
Fuel Related Charge (FRC) in ¢/kWh	3.5102	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7446	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.2548	
Energy Payment (EP) in US\$	\$10,243,977.15	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	454,300	kW
Equivalent Availability (EA)	88.7	Calculated on EA/Se entra en Input
Downward Adjustment	1.6250	Calculated on FACT
Demand Charge (DC) in \$/kW-month	22.9300	Calculated on FACT
Fixed O&M (FO&M) in \$/kW-month	6.8237	Calculated on FACT
Capacity Purchase Price (CPP) in \$/kW-month	\$29.7537	Calculated on FACT
CPP ajustado por FMAF	\$29.7537	Calculated on FACT
CPP Ajustado por EAF (Downward Adjustment)	\$29.2702	
Capacity Payment (CP) in US\$	\$13,297,452.94	Calculated on FACT

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start up Payment in US\$	\$0.00	Calculated on FACT

Miscellaneous Coal Charges

\$0.00 Data Input

Total Payment in US\$: \$23,541,430.09 Calculated on FACT

Payment Due Date: 18-Mar-2020

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
 Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
 Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
 Planificación y Protección Ambiental

Modelo Hoja de Trabajo para Calcular Factura (Revisado 3/19/2003)

Datos utilizados son solamente para propositos de ilustración.

AES Puerto Rico Bill		January-20	
	Date of Reading	1/31/2020	
	Date of Last Reading	12/31/2019	
	Days in Billing Period	31	
	Capacity Factor	71.2%	
Meter Reading	Net Electrical Output (NEO)	240,762,836.00 KWH	
		102.0000	\$4.0944 for 2015
		106.0000	\$4.2550 for 2016-17
		127.3300	\$5.1112
		104.0600	#####
		88.8300	\$3.5658
		66.7000	\$2.6774
		66.1599	\$2.6557
		65.5500	\$2.6313
		52.2800	\$2.0986
Energía	Energy Payment	52.0200	\$2.0882
		51.7600	\$2.0777
A	Fuel Related Charge	51.5000	\$2.0673
		36.2500	\$1.4551
	Cost of Fuel (\$/MT) - Coal + Freight	\$88.5300	\$3.5537
	Cost of Fuel (\$/MMBTU)	\$3.5537	
	FCDC (Fuel Cost Determination Factor)	9,877.5423	
	Heat Rate (HR) @ Base Load	9800	
	FRC (cents/KWH)	3.5102	
		3.5102	\$3.4826 if HR= 9800
B	Variable Operation & Maintenance Cost		
	Variable Operation & Maintenance Charge (Jan 1, 1993)	0.4190	
	US-CPI FY 1993	142.5250	
	US-CPI Prior Year	253.2683	
	Variable Operation & Maintenance Charge (cents/KWH)	0.7446	
C	Energy Purchase Price (\$/kwh)	4.2548	4.2272
	Energy Charge (\$)		\$10,243,977.15
Capacidad			
	Capacity Payment		
	Dependable Capacity (DC)	454,300 KW	
	Demand Charge (DC)	22.9300	
	Fixed Operation & Maintenance Charge		
	Fixed Operation & Maintenance Charge (Jan 1, 1994)	3.8400	
	US CPI FY 1993	142.5250	
	US CPI Year	253.2683	
	Fixed Operation & Maintenance Charge (\$/KW)	6.8237	

Capacity Purchase Price (CPP)	29.7537	\$29.7537 Check
CPP ajustado por FMAF	29.7537	
Equivalent Availability Factor (EAF)	88.7	
Downward Adjustment	1.6250	
CPP Ajustado por EAF (Downward Adjustment)	29.2702	
Capacity Payment (CP)		\$13,297,452.94

11.1.1.© **Start Up Payment**

Cost per Cold Start (\$CS)	\$0.00	
Number of Cold Starts	0	
Cost per Warm Start (\$WS)	\$0.00	
Number of Warm Starts	0	
Cost per Hot Start (\$HS)	\$0.00	
Number of Hot Starts	0	
Total Payment:		\$23,541,430.09

Definition

Medición Remota
Medición Remota
Medición Remota
Basado en Available Capacity
Medición Remota

=Fuel Related Charge + VO&M Charge

Depends on Fuel Supply contract

TBA

Fuel Cost Determination Factor, based on Heat Rate @ Dispatch

As per PPOA

= Cost of Fuel x Fuel Cost Determination Factor / 10,000

Valor Base para Jan 1, 1995.

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=0.00419 * USCPI relevant year/USCPI 1993

A ser determinado durante las pruebas

PPOA

De acuerdo con la sección 11.b.(1), según enmendada, calc. En langaf600.xls
calculado al treasury rate= 4.888% plus 40 basis points = 5.288%

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=3.84 * USCPI relevant year/USCPI 1993

Planif. Generación

661	230,464.0	0	0	0	12820	###	230,464.0	2	1.01080702	1	230464.0000
662	232,128.0	0	0	0	12820	###	232,128.0	2	1.01810526	1	232128.0000
663	231,872.0	0	0	0	12820	###	231,872.0	2	1.01698246	1	231872.0000
664	232,000.0	0	0	0	12820	###	232,000.0	2	1.01754386	1	232000.0000
665	232,384.0	0	0	0	12820	###	232,384.0	2	1.01922807	1	232384.0000
666	232,320.0	0	0	0	12820	###	232,320.0	2	1.01894737	1	232320.0000
667	231,616.0	0	0	0	12820	###	231,616.0	2	1.01585965	1	231616.0000
668	231,232.0	0	0	0	12820	###	231,232.0	2	1.01417544	1	231232.0000
669	230,208.0	0	0	0	12820	###	230,208.0	2	1.00968421	1	230208.0000
670	229,888.0	0	0	0	12820	###	229,888.0	2	1.00828070	1	229888.0000
671	230,080.0	0	0	0	12820	###	230,080.0	2	1.00912281	1	230080.0000
672	230,208.0	0	0	0	12820	###	230,208.0	2	1.00968421	1	230208.0000
673	230,272.0	0	0	0	12920	100	230,272.0	2	1.00996491	1	230272.0000
674	228,736.0	0	0	0	12920	200	228,736.0	2	1.00322807	1	228736.0000
675	225,152.0	0	0	0	12920	300	225,152.0	2	0.98750877	1	225152.0000
676	225,472.0	0	0	0	12920	400	225,472.0	2	0.98891228	1	225472.0000
677	224,896.0	0	0	0	12920	500	224,896.0	2	0.98638596	1	224896.0000
678	223,104.0	0	0	0	12920	600	223,104.0	2	0.97852632	1	223104.0000
679	219,328.0	0	0	0	12920	700	219,328.0	2	0.96196491	1	219328.0000
680	219,456.0	0	0	0	12920	800	219,456.0	2	0.96252632	1	219456.0000
681	219,264.0	0	0	0	12920	900	219,264.0	2	0.96168421	1	219264.0000
682	218,560.0	0	0	0	12920	###	218,560.0	2	0.95859649	1	218560.0000

Horas PH			NEO KWH	kW Instantaneo Según METRO Unit 1 **	Available Capacity declarado para Unidad 1	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 1 - KW	Derating/Outage Unit 1 - KW	Derated Hours Unit 1	Outage Hours
1	10120	100	446,400	220,224.0	198.82	198,816		198,816	28,334.00	12.47%	0
2	10120	200	367,488	180,736.0	193.63	193,632		193,632	33,518.00	14.76%	0
3	10120	300	354,496	177,920.0	209.12	209,120		209,120	18,030.00	7.94%	0

Unit 1 EMOH Flag	Unit 1 MOH Hours	Unit 1 EMOH Hours	Force Majeure Flag	Equivalent Force Majeure Hours ***			kW Instantaneo Según declarado METRO Unit 2 **	Available Capacity declarado para Unidad 2	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 2 - KW
0	0.00	0.00	0	0.00%	10120	100	226,176.0	229.57	228,000		228,000
0	0.00	0.00	0	0.00%	10120	200	186,752.0	229.44	228,000		228,000
0	0.00	0.00	0	0.00%	10120	300	176,576.0	229.57	228,000		228,000

Derating/Outage Unit 2 - KW	Derated Hours Unit 2	Outage Hours	Unit 2 EMOH Flag	Unit 2 MOH Hours	Unit 2 EMOH Hours	Counter	Force Majeure Flag	(Equivalent Force Majeure Hours) ***	Facility Available Capacity KW	Date
0.00	0.00%	0	0	0.00	1.00	1	0	0.00%	426,816	10120
0.00	0.00%	0	0	0.00	1.00	2	0	0.00%	421,632	10120
0.00	0.00%	0	0	0.00	1.00	3	0	0.00%	437,120	10120

	Facility Available Capacity MW (Declared)	Ajustes hechos por DOSE	KW Promedio Ajustado a 454,300	Penalizaciones	Available Capacity Facility - KW	Derating/Outage Facility - KW	Equivalent Derated Hours Facility - %	Facility Outage Hours Calculado por suma de las dos maquinas	Facility EMOH	Facility (Equivalent Force Majeure Hours)
100	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0
200	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0
300	454.300	454.300	454,300		454,300	0.00	0.00%	0	0	0

Exhibit A - Enmienda

Overhaul Hours greater than 438 allowed as Major Overhaul Hours

Example 1

Month	# dias	PH	Accum. PH 12 Months	OH	Accum. OH 12 Months	Accum. AH 12 Months	Derated Capacity (MW)	Derated Hours	EDH	Accum. EDH 12 Months	Overhaul Hours	Unit 1 EMOH	Unit 2 EMOH	Accumulative EMOH	EFMH	Accum. EFMH 12 Months
Nov-02	2	48	48	0	0	48	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Dec-02	31	744	792	0	0	792	-	-	49.8	49.8	0.0	0.0	0.0	0.0	0	0
Jan-03	31	744	1,536	0	0	1,536	-	-	96.5	146.3	0.0	0.0	0.0	0.0	0	0
Feb-03	28	672	2,208	36	36	2,172	-	-	24.4	170.7	0.0	0.0	0.0	0.0	0	0
Mar-03	31	744	2,952	0	36	2,916	-	-	179.1	349.8	0.0	0.0	0.0	0.0	0	0
Apr-03	30	720	3,672	0	36	3,636	-	-	17.1	366.9	0.0	0.0	0.0	0.0	0	0
May-03	31	744	4,416	11	47	4,369	-	-	208.7	575.6	0.0	0.0	0.0	0.0	0	0
Jun-03	30	720	5,136	2	49	5,087	-	-	360.4	936.0	0.0	0.0	0.0	0.0	0	0
Jul-03	31	744	5,880	0	49	5,831	-	-	159.9	1085.9	0.0	0.0	0.0	0.0	0	0
Aug-03	31	744	6,624	2	51	6,573	-	-	64.6	1180.5	0.0	0.0	0.0	0.0	0	0
Sep-03	30	720	7,344	0	51	7,293	-	-	160.9	1321.4	0.0	0.0	0.0	0.0	0	0
Oct-03	31	744	8,088	1	52	8,036	-	-	42.9	1364.3	0.0	0.0	0.0	0.0	0	0
Nov-03	30	501	8,541	0	52	8,489	-	-	66.5	1430.8	550.0	0.0	219.0	219.0	0	0
Dec-03	31	744	8,541	0	52	8,489	-	-	70.6	1451.6	123.0	0.0	0.0	0.0	0	0
Jan-04	31	744	8,541	0	52	8,489	-	-	163.9	1518.9	0.0	0.0	0.0	0.0	0	0
Feb-04	29	696	8,565	0	16	8,549	-	-	13.7	1508.2	0.0	0.0	0.0	0.0	0	0
Mar-04	31	744	8,565	0	16	8,549	-	-	0.0	1329.1	0.0	0.0	0.0	0.0	0	0
Apr-04	30	720	8,565	0	16	8,549	-	-	0.7	1312.7	0.0	0.0	0.0	0.0	0	0
May-04	31	744	8,565	0	5	8,560	-	-	0.0	1104.0	0.0	0.0	0.0	0.0	0	0
Jun-04	30	720	8,565	0	3	8,562	-	-	146.7	890.3	0.0	0.0	0.0	0.0	0	0
Jul-04	31	744	8,565	0	3	8,562	-	-	58.8	789.2	0.0	0.0	0.0	0.0	0	0
Aug-04	31	744	8,565	0	1	8,564	-	-	62.7	787.3	0.0	0.0	0.0	0.0	0	0
Sep-04	30	720	8,565	7	8	8,557	-	-	2.8	629.2	0.0	0.0	0.0	0.0	0	0
Oct-04	31	744	8,565	0	7	8,558	-	-	103.8	690.1	0.0	0.0	0.0	0.0	0	0
Nov-04	30	720	8,784	0	7	8,777	-	-	2.7	626.3	0.0	0.0	0.0	0.0	0	0
Dec-04	31	744	8,784	0	7	8,777	-	-	5.2	560.9	0.0	0.0	0.0	0.0	0	0
Jan-05	31	744	8,784	0	7	8,777	-	-	51.5	448.6	0.0	0.0	0.0	0.0	0	0
Feb-05	28	672	8,760	14	21	8,739	-	-	70.0	504.9	0.0	0.0	0.0	0.0	0	0
Mar-05	31	744	8,760	0	21	8,739	-	-	1.8	506.7	0.0	0.0	0.0	0.0	0	0
Apr-05	30	720	8,760	0	21	8,739	-	-	179.5	685.5	0.0	0.0	0.0	0.0	0	0
May-05	31	744	8,760	13	34	8,726	-	-	239.3	924.8	0.0	0.0	0.0	0.0	0	0
Jun-05	30	720	8,760	0	34	8,726	-	-	55.9	834.0	0.0	0.0	0.0	0.0	0	0
Jul-05	31	744	8,760	0	34	8,726	-	-	24.8	800.0	0.0	0.0	0.0	0.0	0	0
Aug-05	31	744	8,760	0	34	8,726	-	-	65.3	802.6	0.0	0.0	0.0	0.0	0	0
Sep-05	30	720	8,760	3	30	8,730	-	-	54.3	854.1	0.0	0.0	0.0	0.0	0	0
Oct-05	31	541	8,557	0	30	8,527	-	-	15.3	765.6	406.0	203.0	0.0	203.0	0	0
Nov-05	30	704	8,541	0	30	8,511	-	-	26.0	788.9	45.0	16.0	0.0	16.0	0	0
Dec-05	31	744	8,541	0	30	8,511	-	-	32.0	815.7	0.0	0.0	0.0	0.0	0	0
Jan-06	31	744	8,541	0	30	8,511	-	-	0.2	764.4	0.0	0.0	0.0	0.0	0	0
Feb-06	28	672	8,541	0	16	8,525	-	-	0.0	694.4	0.0	0.0	0.0	0.0	0	0
Mar-06	31	744	8,541	0	16	8,525	-	-	36.9	729.5	0.0	0.0	0.0	0.0	0	0
Apr-06	30	720	8,541	11	27	8,514	-	-	246.9	796.9	0.0	0.0	0.0	0.0	0	0
May-06	31	744	8,541	0	14	8,527	-	-	3.6	561.2	0.0	0.0	0.0	0.0	0	0
Jun-06	30	720	8,541	0	14	8,527	-	-	37.5	542.8	0.0	0.0	0.0	0.0	0	0
Jul-06	31	744	8,541	0	14	8,527	-	-	22.0	540.0	0.0	0.0	0.0	0.0	0	0
Aug-06	31	744	8,541	0	14	8,527	-	-	0.0	474.7	0.0	0.0	0.0	0.0	0	0
Sep-06	30	720	8,541	0	11	8,530	-	-	1.1	421.5	0.0	0.0	0.0	0.0	0	0
Oct-06	31	744	8,744	0	11	8,733	-	-	209.0	615.2	0.0	0.0	0.0	0.0	0	0
Nov-06	30	720	8,760	0	11	8,749	-	-	85.2	674.4	0.0	0.0	0.0	0.0	0	0
Dec-06	31	744	8,760	0	11	8,749	-	-	16.3	658.7	0.0	0.0	0.0	0.0	0	0
Jan-07	31	744	8,760	0	11	8,749	-	-	77.7	736.2	0.0	0.0	0.0	0.0	0	0
Feb-07	28	672	8,760	0	11	8,749	-	-	88.5	824.7	0.0	0.0	0.0	0.0	0	0
Mar-07	31	744	8,760	0	11	8,749	-	-	1.0	788.8	0.0	0.0	0.0	0.0	0	0
Apr-07	30	720	8,760	0	0	8,760	-	-	1.2	543.1	0.0	0.0	0.0	0.0	0	0
May-07	31	744	8,760	0	0	8,760	-	-	147.6	687.1	0.0	0.0	0.0	0.0	0	0
Jun-07	30	720	8,760	0	0	8,760	-	-	68.3	717.9	0.0	0.0	0.0	0.0	0	0
Jul-07	31	744	8,760	0	0	8,760	-	-	1.5	697.4	0.0	0.0	0.0	0.0	0	0
Aug-07	31	744	8,760	0	0	8,760	-	-	17.7	715.1	0.0	0.0	0.0	0.0	0	0
Sep-07	30	720	8,760	0	0	8,760	-	-	40.4	754.4	0.0	0.0	0.0	0.0	0	0
Oct-07	31	744	8,760	0	0	8,760	-	-	44.2	589.6	0.0	0.0	0.0	0.0	0	0
Nov-07	30	720	8,760	0	0	8,760	-	-	166.7	671.1	0.0	0.0	0.0	0.0	0	0
Dec-07	31	744	8,760	4	4	8,756	-	-	50.2	705.0	0.0	0.0	0.0	0.0	0	0
Jan-08	31	744	8,760	0	4	8,756	-	-	3.0	630.3	0.0	0.0	0.0	0.0	0	0
Feb-08	29	696	8,784	0	4	8,780	-	-	4.3	546.1	0.0	0.0	0.0	0.0	0	0
Mar-08	31	744	8,784	0	4	8,780	-	-	74.3	619.4	0.0	0.0	0.0	0.0	0	0
Apr-08	30	720	8,784	0	4	8,780	-	-	0.6	618.8	0.0	0.0	0.0	0.0	0	0
May-08	31	744	8,784	0	4	8,780	-	-	61.1	532.3	0.0	0.0	0.0	0.0	0	0
Jun-08	30	523	8,587	0	4	8,583	-	-	11.0	475.0	395.0	0.0	197.5	197.5	0	0
Jul-08	31	723	8,565	0	4	8,561	-	-	342.6	616.1	289.0	0.0	21.5	21.5	0	0
Aug-08	31	744	8,565	0	4	8,561	-	-	15.1	613.5	0.0	0.0	0.0	0.0	0	0
Sep-08	30	720	8,565	0	4	8,561	-	-	28.7	601.8	0.0	0.0	0.0	0.0	0	0
Oct-08	31	744	8,565	0	4	8,561	-	-	10.1	567.7	0.0	0.0	0.0	0.0	0	0
Nov-08	30	720	8,565	95	99	8,466	-	-	178.3	579.3	0.0	0.0	0.0	0.0	0	0
Dec-08	31	744	8,565	0	95	8,470	-	-	5.2	534.3	0.0	0.0	0.0	0.0	0	0
Jan-09	31	744	8,565	0	95	8,470	-	-	1.3	532.6	0.0	0.0	0.0	0.0	0	0
Feb-09	28	672	8,541	0	95	8,446	-	-	108.6	636.9	0.0	0.0	0.0	0.0	0	0
Mar-09	31	744	8,541	0	95	8,446	-	-	112.5	675.1	0.0	0.0	0.0	0.0	0	0
Apr-09	30	720	8,541	3	98	8,443	-	-	146.0	820.5	0.0	0.0	0.0	0.0	0	0

Coal Price

Hora

Fecha

		104.06		1	100	10120
		88.83		2	200	10120
(i)	Cost of Fuel (\$/MT) - Coal + Freight	\$127.33	DEQ	3	300	10120
		90.03		4	400	10120
(ii)	Cost of Fuel (\$/MMBtu)	\$5.1112		5	500	10120
	Transition Cost	\$3.6139		6	600	10120
				7	700	10120
(iii)	Emergency Purchase Coal Price (\$/MT)	\$81.25	DEQ	8	800	10120
				9	900	10120
		\$3.2615		10	1000	10120
				11	1100	10120
	Emergency Purchase Coal Price (\$/MT)	\$123.98	DEQ	12	1200	10120
				13	1300	10120
(iv)		\$4.9767		14	1400	10120
				15	1500	10120
(v)				16	1600	10120
				17	1700	10120
(iv)				18	1800	10120
				19	1900	10120
				20	2000	10120
				21	2100	10120
				22	2200	10120
				23	2300	10120
				24	2400	10120
				25	100	10220
				26	200	10220
				27	300	10220
				28	400	10220
				29	500	10220
				30	600	10220
				31	700	10220
				32	800	10220

33	900	10220
34	1000	10220

Anejo D

**Demand Charge as Provided in Article 11.1 (b)(1)
Following Procedure Described on Exhibit J of the
Power Purchase and Operating Agreement
Calculated Using the 10-year Treasury Rate of 4.888%**

Year	Demand Charge* (\$/KW - Month)
1	18.84
2	19.06
3	19.29
4	19.51
5	19.74
6	19.97
7	20.20
8	20.44
9	20.67
10	20.92
11	21.16
12	21.41
13	21.65
14	21.91
15	22.15
16	22.41
17	22.67
18	22.93
19	17.28
20	17.55
21	13.53
22	13.66
23	13.80
24	13.94
25	14.08

* The following Demand Charges
apply for the remaining of the Term.

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)
(Datos utilizados sólo si es declarada una Fuerza Mayor.)

CPP =	29.7537	Capacity Purchase Price (\$/kW-month)
EFMH =	0	Equivalent Force Majeure Hours
DC =	454,300	Dependable Capacity (kW)
BPH =	744	Billing Period Hours
FMACP=	\$13,517,105.91	$CPP \times (BPH - EFMH) \times DC / BPH$
FMACP=	\$29.7537	per kW

AES Puerto Rico, L.P.**Additional Energy Sales Agreement Invoice Verification Sheet****Input Page****Meter Reading Data****January-20**

Date of Reading	1/31/2020
Date of Last Reading	12/31/2019
Billing Period	207 A
Days in Billing Period	31

Energy Payment

Energy Above Dependable Capacity (kWh)	346,668.00	
Cost of Fuel (\$/MMBtu)	3.5537	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,800.0	
Fuel Related Charge (FRC) in ¢/kWh	3.4826	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7446	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.2272	
Energy Payment (EP) in US\$	\$14,654.44	

Additional Sales Surcharge

Additional Sales Surcharge in \$/kW	0.0450
Capacity Payment (CP) in US\$	\$15,600.06

Total Payment in US\$: \$30,254.50

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Roberto Rivera Medina, Ingeniero Gerencial
Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
Generación y Proyectos de Energía Renovable

Aprobado:

Efran Paredes Maisonet, Director
Planificación y Protección Ambiental

	Delivery Number	Customs Bond Renewal	Customs Broker Fees	Bunker Price Adjustment
1	492		\$ 550.00	(\$40,944.63)
2	493		\$ 550.00	(\$40,579.48)
3	494		\$ 550.00	(\$37,236.44)
4	495		\$ 550.00	(\$36,621.48)
5	496		\$ 550.00	(\$34,830.84)
6	497		\$ 550.00	(\$35,000.59)
7	498		\$ 550.00	(\$33,587.78)
8	499		\$ 550.00	(\$33,047.50)
9	500		\$ 550.00	(\$33,221.32)
10	501		\$ 550.00	(\$34,892.96)
11	502		\$ 550.00	(\$36,008.02)
11	Shipments	\$ -	\$ 6,050.00	#####

Total

(\$40,394.63)
(\$40,029.48)
(\$36,686.44)
(\$36,071.48)
(\$34,280.84)
(\$34,450.59)
(\$33,037.78)
(\$32,497.50)
(\$32,671.32)
(\$34,342.96)
(\$35,458.02)

#####

AES Puerto Rico, L.P.
Hoja de Trabajo para Calcular Factura
Input Page

Meter Reading Data

Date of Reading	February-20	2/29/2020	Data Input
Date of Last Reading		1/31/2020	Data Input
Billing Period		208	Reference
Days in Billing Period		29	Reference
Capacity Factor		94.4%	Reference

Energy Payment

Net Electrical Output (NEO) in kWh	298,620,566.25	Data Input
NEO Flag	OK	Verifica el NEO Input vs NEO calculado en FCDF.
Sum of Available Capacities	312,116,000	From OH&EDH&MOH&FMH
Cost of Fuel (\$/MMBtu)	4.1929	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,834.6	Calculated on FCDF based on hourly data input.
Fuel Related Charge (FRC) in ¢/kWh	4.1147	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7446	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.8593	
Energy Payment (EP) in US\$	\$14,510,869.18	Calculated on FACT

Capacity Payment

Dependable Capacity (DC)	454,300	kW	
Equivalent Availability (EA)	88.8	Calculated on EA/Se entra en Input	98.71%
Downward Adjustment	1.5000	Calculated on FACT	
Demand Charge (DC) in \$/kW-month	22.9300	Calculated on FACT	
Fixed O&M (FO&M) in \$/kW-month	6.8237	Calculated on FACT	
Capacity Purchase Price (CPP) in \$/kW-month	\$29.7537	Calculated on FACT	
CPP ajustado por FMAF	\$29.7537	Calculated on FACT	
CPP Ajustado por EAF (Downward Adjustment)	\$29.3074		
Capacity Payment (CP) in US\$	\$13,314,349.32	Calculated on FACT	

Start-up Payment

Number of Cold Starts	0	Data Input
Number of Warm Starts	0	Data Input
Number of Hot Starts	0	Data Input
Applicable Demand Charge	0	Data Input
Start up Payment in US\$	\$0.00	Calculated on FACT

Miscellaneous Coal Charges

\$0.00 Data Input

Total Payment in US\$: \$27,825,218.50 Calculated on FACT

Payment Due Date: 16-Apr-2020

Preparado por y Cotejado:

Roberto Rivera Medina, Ingeniero Gerencial
 Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
 Generación y Proyectos de Energía Renovable

Aprobado por:

Efran Paredes Maisonet, Director
 Planificación y Protección Ambiental

Modelo Hoja de Trabajo para Calcular Factura (Revisado 3/19/2003)

Datos utilizados son solamente para propositos de ilustración.

AES Puerto Rico Bill		February-20	
	Date of Reading	2/29/2020	
	Date of Last Reading	1/31/2020	
	Days in Billing Period	29	
	Capacity Factor	94.4%	
Meter Reading	Net Electrical Output (NEO)	298,620,566.25 KWH	
		102.0000	\$4.0944 for 2015
		106.0000	\$4.2550 for 2016-17
		127.3300	\$5.1112
		104.0600	#####
		88.8300	\$3.5658
		66.7000	\$2.6774
		66.1599	\$2.6557
		65.5500	\$2.6313
		52.2800	\$2.0986
Energía	Energy Payment	52.0200	\$2.0882
		51.7600	\$2.0777
A	Fuel Related Charge	51.5000	\$2.0673
		36.2500	\$1.4551
	Cost of Fuel (\$/MT) - Coal + Freight	\$88.5300	\$3.5537
	Cost of Fuel (\$/MMBTU)	\$3.5537	
	FCDC (Fuel Cost Determination Factor)	9,834.6241	
	Heat Rate (HR) @ Base Load	9800	
	FRC (cents/KWH)	4.1147	
		3.4949	\$3.4826 if HR= 9800
B	Variable Operation & Maintenance Cost		
	Variable Operation & Maintenance Charge (Jan 1, 1993)	0.4190	
	US-CPI FY 1993	142.5250	
	US-CPI Prior Year	253.2683	
1	Variable Operation & Maintenance Charge (cents/KW)	0.7446	
C	Energy Purchase Price (\$/kwh)	4.8593	4.2272
	Energy Charge (\$)		\$14,510,869.18
Capacidad			
	Capacity Payment		
	Dependable Capacity (DC)	454,300 KW	
	Demand Charge (DC)	22.9300	
	Fixed Operation & Maintenance Charge		
	Fixed Operation & Maintenance Charge (Jan 1, 1994)	3.8400	
	US CPI FY 1993	142.5250	
	US CPI Year	253.2683	
	Fixed Operation & Maintenance Charge (\$/KW)	6.8237	

Capacity Purchase Price (CPP)	29.7537	\$29.7537 Check
CPP ajustado por FMAF	29.7537	
Equivalent Availability Factor (EAF)	88.8	
Downward Adjustment	1.5000	
CPP Ajustado por EAF (Downward Adjustment)	29.3074	
Capacity Payment (CP)		\$13,314,349.32

11.1.1.© **Start Up Payment**

Cost per Cold Start (\$CS)	\$0.00	
Number of Cold Starts	0	
Cost per Warm Start (\$WS)	\$0.00	
Number of Warm Starts	0	
Cost per Hot Start (\$HS)	\$0.00	
Number of Hot Starts	0	
Total Payment:		\$27,825,218.50

Definition

Medición Remota
Medición Remota
Medición Remota
Basado en Available Capacity
Medición Remota

=Fuel Related Charge + VO&M Charge

Depends on Fuel Supply contract

TBA

Fuel Cost Determination Factor, based on Heat Rate @ Dispatch

As per PPOA

= Cost of Fuel x Fuel Cost Determination Factor / 10,000

Valor Base para Jan 1, 1995.

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=0.00419 * USCPI relevant year/USCPI 1993

A ser determinado durante las pruebas

PPOA

De acuerdo con la sección 11.b.(1), según enmendada, calc. En langaf600.xls
calculado al treasury rate= 4.888% plus 40 basis points = 5.288%

US CPI for Fiscal Year ending June 30, 1993

US CPI for Fiscal Year ending June 30, preceding year

=3.84 * USCPI relevant year/USCPI 1993

Planif. Generación

661	210,240.0	0	0	0	22820	###	210,240.0	2	0.46308370	1.094	230002.5600
662	226,032.0	0	0	0	22820	###	226,032.0	2	0.49786784	1.094	247279.0080
663	233,872.0	0	0	0	22820	###	233,872.0	2	0.51513656	1.094	255855.9680
664	238,128.0	0	0	0	22820	###	238,128.0	2	0.52451101	1.094	260512.0320
665	246,624.0	0	0	0	22820	###	246,624.0	2	0.54322467	1.094	269806.6560
666	256,480.0	0	0	0	22820	###	256,480.0	2	0.56493392	1.094	280589.1200
667	262,224.0	0	0	0	22820	###	262,224.0	2	0.57758590	1.094	286873.0560
668	291,760.0	0	0	0	22820	###	291,760.0	2	0.64264317	1.063	310140.8800
669	323,408.0	0	0	0	22820	###	323,408.0	2	0.71235242	1.031	333433.6480
670	352,528.0	0	0	0	22820	###	352,528.0	2	0.77649339	1.031	363456.3680
671	386,448.0	0	0	0	22820	###	386,448.0	2	0.85120705	1.016	392631.1680
672	412,912.0	0	0	0	22820	###	412,912.0	2	0.90949780	1	412912.0000
673	432,896.0	0	0	0	22920	100	432,896.0	2	0.95351542	1	432896.0000
674	437,840.0	0	0	0	22920	200	437,840.0	2	0.96440529	1	437840.0000
675	444,096.0	0	0	0	22920	300	444,096.0	2	0.97818502	1	444096.0000
676	450,960.0	0	0	0	22920	400	450,960.0	2	0.99330396	1	450960.0000
677	451,232.0	0	0	0	22920	500	451,232.0	2	0.99390308	1	451232.0000
678	451,472.0	0	0	0	22920	600	451,472.0	2	0.99443172	1	451472.0000
679	451,168.0	0	0	0	22920	700	451,168.0	2	0.99376211	1	451168.0000
680	452,016.0	0	0	0	22920	800	452,016.0	2	0.99562996	1	452016.0000
681	452,064.0	0	0	0	22920	900	452,064.0	2	0.99573568	1	452064.0000
682	452,464.0	0	0	0	22920	###	452,464.0	2	0.99661674	1	452464.0000

Horas PH			NEO KWH	kW Instantaneo Según METRO Unit 1 **	Available Capacity declarado para Unidad 1	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 1 - KW	Derating/Outage Unit 1 - KW	Derated Hours Unit 1	Outage Hours
1	20120	100	454,300	230,144.0	198.82	198,816		198,816	28,334.00	12.47%	0
2	20120	200	454,300	231,552.0	193.63	193,632		193,632	33,518.00	14.76%	0
3	20120	300	454,300	231,616.0	209.12	209,120		209,120	18,030.00	7.94%	0

Unit 1 EMOH Flag	Unit 1 MOH Hours	Unit 1 EMOH Hours	Force Majeure Flag	Equivalent Force Majeure Hours ***			kW Instantaneo Según declarado METRO Unit 2 **	Available Capacity declarado para Unidad 2	KW Promedio Ajustado a 227,150	Penalizaciones	Available Capacity Unit 2 - KW
0	0.00	0.00	0	0.00%	20120	100	225,216.0	229.57	228,000		228,000
0	0.00	0.00	0	0.00%	20120	200	225,024.0	229.44	228,000		228,000
0	0.00	0.00	0	0.00%	20120	300	225,280.0	229.57	228,000		228,000

Derating/Outage Unit 2 - KW	Derated Hours Unit 2	Outage Hours	Unit 2 EMOH Flag	Unit 2 MOH Hours	Unit 2 EMOH Hours	Counter	Force Majeure Flag	(Equivalent Force Majeure Hours) ***	Facility Available Capacity KW	Date
0.00	0.00%	0	0	0.00	1.00	1	0	0.00%	426,816	20120
0.00	0.00%	0	0	0.00	1.00	2	0	0.00%	421,632	20120
0.00	0.00%	0	0	0.00	1.00	3	0	0.00%	437,120	20120

	Facility Available Capacity MW (Declared)	Ajustes hechos por DOSE	KW Promedio Ajustado a 454,300	Penalizaciones	Available Capacity Facility - KW	Derating/Outage Facility - KW	Equivalent Derated Hours Facility - %	Facility Outage Hours Calculado por suma de las dos maquinas	Facility EMOH	Facility (Equivalent Force Majeure Hours)
100	454.000	454.000	454,000		454,000	300.00	0.07%	0	0	0
200	454.000	454.000	454,000		454,000	300.00	0.07%	0	0	0
300	454.000	454.000	454,000		454,000	300.00	0.07%	0	0	0

Exhibit A - Enmienda

Overhaul Hours greater than 438 allowed as Major Overhaul Hours

Example 1

Month	# dias	PH	Accum. PH 12 Months	OH	Accum. OH 12 Months	Accum. AH 12 Months	Derated Capacity (MW)	Derated Hours	EDH	Accum. EDH 12 Months	Overhaul Hours	Unit 1 EMOH	Unit 2 EMOH	Accumulative EMOH	EFMH	Accum. EFMH 12 Months
Nov-02	2	48	48	0	0	48	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Dec-02	31	744	792	0	0	792	-	-	49.8	49.8	0.0	0.0	0.0	0.0	0	0
Jan-03	31	744	1,536	0	0	1,536	-	-	96.5	146.3	0.0	0.0	0.0	0.0	0	0
Feb-03	28	672	2,208	36	36	2,172	-	-	24.4	170.7	0.0	0.0	0.0	0.0	0	0
Mar-03	31	744	2,952	0	36	2,916	-	-	179.1	349.8	0.0	0.0	0.0	0.0	0	0
Apr-03	30	720	3,672	0	36	3,636	-	-	17.1	366.9	0.0	0.0	0.0	0.0	0	0
May-03	31	744	4,416	11	47	4,369	-	-	208.7	575.6	0.0	0.0	0.0	0.0	0	0
Jun-03	30	720	5,136	2	49	5,087	-	-	360.4	936.0	0.0	0.0	0.0	0.0	0	0
Jul-03	31	744	5,880	0	49	5,831	-	-	159.9	1085.9	0.0	0.0	0.0	0.0	0	0
Aug-03	31	744	6,624	2	51	6,573	-	-	64.6	1180.5	0.0	0.0	0.0	0.0	0	0
Sep-03	30	720	7,344	0	51	7,293	-	-	160.9	1321.4	0.0	0.0	0.0	0.0	0	0
Oct-03	31	744	8,088	1	52	8,036	-	-	42.9	1364.3	0.0	0.0	0.0	0.0	0	0
Nov-03	30	501	8,541	0	52	8,489	-	-	66.5	1430.8	550.0	0.0	219.0	219.0	0	0
Dec-03	31	744	8,541	0	52	8,489	-	-	70.6	1451.6	123.0	0.0	0.0	0.0	0	0
Jan-04	31	744	8,541	0	52	8,489	-	-	163.9	1518.9	0.0	0.0	0.0	0.0	0	0
Feb-04	29	696	8,565	0	16	8,549	-	-	13.7	1508.2	0.0	0.0	0.0	0.0	0	0
Mar-04	31	744	8,565	0	16	8,549	-	-	0.0	1329.1	0.0	0.0	0.0	0.0	0	0
Apr-04	30	720	8,565	0	16	8,549	-	-	0.7	1312.7	0.0	0.0	0.0	0.0	0	0
May-04	31	744	8,565	0	5	8,560	-	-	0.0	1104.0	0.0	0.0	0.0	0.0	0	0
Jun-04	30	720	8,565	0	3	8,562	-	-	146.7	890.3	0.0	0.0	0.0	0.0	0	0
Jul-04	31	744	8,565	0	3	8,562	-	-	58.8	789.2	0.0	0.0	0.0	0.0	0	0
Aug-04	31	744	8,565	0	1	8,564	-	-	62.7	787.3	0.0	0.0	0.0	0.0	0	0
Sep-04	30	720	8,565	7	8	8,557	-	-	2.8	629.2	0.0	0.0	0.0	0.0	0	0
Oct-04	31	744	8,565	0	7	8,558	-	-	103.8	690.1	0.0	0.0	0.0	0.0	0	0
Nov-04	30	720	8,784	0	7	8,777	-	-	2.7	626.3	0.0	0.0	0.0	0.0	0	0
Dec-04	31	744	8,784	0	7	8,777	-	-	5.2	560.9	0.0	0.0	0.0	0.0	0	0
Jan-05	31	744	8,784	0	7	8,777	-	-	51.5	448.6	0.0	0.0	0.0	0.0	0	0
Feb-05	28	672	8,760	14	21	8,739	-	-	70.0	504.9	0.0	0.0	0.0	0.0	0	0
Mar-05	31	744	8,760	0	21	8,739	-	-	1.8	506.7	0.0	0.0	0.0	0.0	0	0
Apr-05	30	720	8,760	0	21	8,739	-	-	179.5	685.5	0.0	0.0	0.0	0.0	0	0
May-05	31	744	8,760	13	34	8,726	-	-	239.3	924.8	0.0	0.0	0.0	0.0	0	0
Jun-05	30	720	8,760	0	34	8,726	-	-	55.9	834.0	0.0	0.0	0.0	0.0	0	0
Jul-05	31	744	8,760	0	34	8,726	-	-	24.8	800.0	0.0	0.0	0.0	0.0	0	0
Aug-05	31	744	8,760	0	34	8,726	-	-	65.3	802.6	0.0	0.0	0.0	0.0	0	0
Sep-05	30	720	8,760	3	30	8,730	-	-	54.3	854.1	0.0	0.0	0.0	0.0	0	0
Oct-05	31	541	8,557	0	30	8,527	-	-	15.3	765.6	406.0	203.0	0.0	203.0	0	0
Nov-05	30	704	8,541	0	30	8,511	-	-	26.0	788.9	45.0	16.0	0.0	16.0	0	0
Dec-05	31	744	8,541	0	30	8,511	-	-	32.0	815.7	0.0	0.0	0.0	0.0	0	0
Jan-06	31	744	8,541	0	30	8,511	-	-	0.2	764.4	0.0	0.0	0.0	0.0	0	0
Feb-06	28	672	8,541	0	16	8,525	-	-	0.0	694.4	0.0	0.0	0.0	0.0	0	0
Mar-06	31	744	8,541	0	16	8,525	-	-	36.9	729.5	0.0	0.0	0.0	0.0	0	0
Apr-06	30	720	8,541	11	27	8,514	-	-	246.9	796.9	0.0	0.0	0.0	0.0	0	0
May-06	31	744	8,541	0	14	8,527	-	-	3.6	561.2	0.0	0.0	0.0	0.0	0	0
Jun-06	30	720	8,541	0	14	8,527	-	-	37.5	542.8	0.0	0.0	0.0	0.0	0	0
Jul-06	31	744	8,541	0	14	8,527	-	-	22.0	540.0	0.0	0.0	0.0	0.0	0	0
Aug-06	31	744	8,541	0	14	8,527	-	-	0.0	474.7	0.0	0.0	0.0	0.0	0	0
Sep-06	30	720	8,541	0	11	8,530	-	-	1.1	421.5	0.0	0.0	0.0	0.0	0	0
Oct-06	31	744	8,744	0	11	8,733	-	-	209.0	615.2	0.0	0.0	0.0	0.0	0	0
Nov-06	30	720	8,760	0	11	8,749	-	-	85.2	674.4	0.0	0.0	0.0	0.0	0	0
Dec-06	31	744	8,760	0	11	8,749	-	-	16.3	658.7	0.0	0.0	0.0	0.0	0	0
Jan-07	31	744	8,760	0	11	8,749	-	-	77.7	736.2	0.0	0.0	0.0	0.0	0	0
Feb-07	28	672	8,760	0	11	8,749	-	-	88.5	824.7	0.0	0.0	0.0	0.0	0	0
Mar-07	31	744	8,760	0	11	8,749	-	-	1.0	788.8	0.0	0.0	0.0	0.0	0	0
Apr-07	30	720	8,760	0	0	8,760	-	-	1.2	543.1	0.0	0.0	0.0	0.0	0	0
May-07	31	744	8,760	0	0	8,760	-	-	147.6	687.1	0.0	0.0	0.0	0.0	0	0
Jun-07	30	720	8,760	0	0	8,760	-	-	68.3	717.9	0.0	0.0	0.0	0.0	0	0
Jul-07	31	744	8,760	0	0	8,760	-	-	1.5	697.4	0.0	0.0	0.0	0.0	0	0
Aug-07	31	744	8,760	0	0	8,760	-	-	17.7	715.1	0.0	0.0	0.0	0.0	0	0
Sep-07	30	720	8,760	0	0	8,760	-	-	40.4	754.4	0.0	0.0	0.0	0.0	0	0
Oct-07	31	744	8,760	0	0	8,760	-	-	44.2	589.6	0.0	0.0	0.0	0.0	0	0
Nov-07	30	720	8,760	0	0	8,760	-	-	166.7	671.1	0.0	0.0	0.0	0.0	0	0
Dec-07	31	744	8,760	4	4	8,756	-	-	50.2	705.0	0.0	0.0	0.0	0.0	0	0
Jan-08	31	744	8,760	0	4	8,756	-	-	3.0	630.3	0.0	0.0	0.0	0.0	0	0
Feb-08	29	696	8,784	0	4	8,780	-	-	4.3	546.1	0.0	0.0	0.0	0.0	0	0
Mar-08	31	744	8,784	0	4	8,780	-	-	74.3	619.4	0.0	0.0	0.0	0.0	0	0
Apr-08	30	720	8,784	0	4	8,780	-	-	0.6	618.8	0.0	0.0	0.0	0.0	0	0
May-08	31	744	8,784	0	4	8,780	-	-	61.1	532.3	0.0	0.0	0.0	0.0	0	0
Jun-08	30	523	8,587	0	4	8,583	-	-	11.0	475.0	395.0	0.0	197.5	197.5	0	0
Jul-08	31	723	8,565	0	4	8,561	-	-	342.6	616.1	289.0	0.0	21.5	21.5	0	0
Aug-08	31	744	8,565	0	4	8,561	-	-	15.1	613.5	0.0	0.0	0.0	0.0	0	0
Sep-08	30	720	8,565	0	4	8,561	-	-	28.7	601.8	0.0	0.0	0.0	0.0	0	0
Oct-08	31	744	8,565	0	4	8,561	-	-	10.1	567.7	0.0	0.0	0.0	0.0	0	0
Nov-08	30	720	8,565	95	99	8,466	-	-	178.3	579.3	0.0	0.0	0.0	0.0	0	0
Dec-08	31	744	8,565	0	95	8,470	-	-	5.2	534.3	0.0	0.0	0.0	0.0	0	0
Jan-09	31	744	8,565	0	95	8,470	-	-	1.3	532.6	0.0	0.0	0.0	0.0	0	0
Feb-09	28	672	8,541	0	95	8,446	-	-	108.6	636.9	0.0	0.0	0.0	0.0	0	0
Mar-09	31	744	8,541	0	95	8,446	-	-	112.5	675.1	0.0	0.0	0.0	0.0	0	0
Apr-09	30	720	8,541	3	98	8,443	-	-	146.0	820.5	0.0	0.0	0.0	0.0	0	0

Coal Price

Hora

Fecha

		104.06	1	100	20120
		88.83	2	200	20120
(i)	Cost of Fuel (\$/MT) - Coal + Freight	\$127.33 DEQ	3	300	20120
		104.2286	4	400	20120
(ii)	Cost of Fuel (\$/MMBtu)	\$5.1112	5	500	20120
	Transition Cost	\$4.1839	6	600	20120
			7	700	20120
(iii)	Emergency Purchase Coal Price (\$/MT)	\$81.25 DEQ	8	800	20120
			9	900	20120
		\$3.2615	10	1000	20120
			11	1100	20120
	Emergency Purchase Coal Price (\$/MT)	\$123.98 DEQ	12	1200	20120
			13	1300	20120
(iv)		\$4.9767	14	1400	20120
			15	1500	20120
(v)			16	1600	20120
			17	1700	20120
(iv)			18	1800	20120
			19	1900	20120
			20	2000	20120
			21	2100	20120
			22	2200	20120
			23	2300	20120
			24	2400	20120
			25	100	20220
			26	200	20220
			27	300	20220
			28	400	20220
			29	500	20220
			30	600	20220
			31	700	20220
			32	800	20220

33	900	20220
34	1000	20220

Anejo D

**Demand Charge as Provided in Article 11.1 (b)(1)
Following Procedure Described on Exhibit J of the
Power Purchase and Operating Agreement
Calculated Using the 10-year Treasury Rate of 4.888%**

Year	Demand Charge* (\$/KW - Month)
1	18.84
2	19.06
3	19.29
4	19.51
5	19.74
6	19.97
7	20.20
8	20.44
9	20.67
10	20.92
11	21.16
12	21.41
13	21.65
14	21.91
15	22.15
16	22.41
17	22.67
18	22.93
19	17.28
20	17.55
21	13.53
22	13.66
23	13.80
24	13.94
25	14.08

* The following Demand Charges
apply for the remaining of the Term.

Hoja de trabajo para calcular el Factor de Ajuste por Fuerza Mayor (FMAF)
(Datos utilizados sólo si es declarada una Fuerza Mayor.)

CPP =	29.7537	Capacity Purchase Price (\$/kW-month)
EFMH =	0	Equivalent Force Majeure Hours
DC =	454,300	Dependable Capacity (kW)
BPH =	696	Billing Period Hours
FMACP=	\$13,517,105.91	$CPP \times (BPH - EFMH) \times DC / BPH$
FMACP=	\$29.7537	per kW

AES Puerto Rico, L.P.**Additional Energy Sales Agreement Invoice Verification Sheet****Input Page****Meter Reading Data****February-20**

Date of Reading	2/29/2020
Date of Last Reading	1/31/2020
Billing Period	208 A
Days in Billing Period	29

Energy Payment

Energy Above Dependable Capacity (kWh)	1,470,977.76	
Cost of Fuel (\$/MMBtu)	4.1929	Calculated on Cost of Fuel
Fuel Cost Determination Factor (FCDF)	9,800.0	
Fuel Related Charge (FRC) in ¢/kWh	4.1090	Calculated on FACT
Variable O&M (VO&M) in ¢/kWh	0.7446	Calculated on FACT
Energy Purchase Price (EPP) in ¢/kWh	4.8536	
Energy Payment (EP) in US\$	\$71,395.99	

Additional Sales Surcharge

Additional Sales Surcharge in \$/kW	0.0450
Capacity Payment (CP) in US\$	\$66,194.00

Total Payment in US\$: \$137,589.99

Payment Due Date: 16-Apr-2020

Preparado por y Certificado Correcto:

Roberto Rivera Medina, Ingeniero Gerencial
Departamento Sistemas de Generación

Miguel Irizarry Silvestrini, Superintendente
Generación y Proyectos de Energía Renovable

Aprobado:

Efran Paredes Maisonet, Director
Planificación y Protección Ambiental

	Delivery Number	Customs Bond Renewal	Customs Broker Fees	Bunker Price Adjustment
1	492		\$ 550.00	(\$40,944.63)
2	493		\$ 550.00	(\$40,579.48)
3	494		\$ 550.00	(\$37,236.44)
4	495		\$ 550.00	(\$36,621.48)
5	496		\$ 550.00	(\$34,830.84)
6	497		\$ 550.00	(\$35,000.59)
7	498		\$ 550.00	(\$33,587.78)
8	499		\$ 550.00	(\$33,047.50)
9	500		\$ 550.00	(\$33,221.32)
10	501		\$ 550.00	(\$34,892.96)
11	502		\$ 550.00	(\$36,008.02)
11	Shipments	\$ -	\$ 6,050.00	#####

Total

(\$40,394.63)
(\$40,029.48)
(\$36,686.44)
(\$36,071.48)
(\$34,280.84)
(\$34,450.59)
(\$33,037.78)
(\$32,497.50)
(\$32,671.32)
(\$34,342.96)
(\$35,458.02)

#####

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes	Fracc. Acum. Mes
Oct-19	3,303,505.500	85	\$0.168924	\$558,041.36	3303	0.5055	0.420262
Nov-19	3,015,403.774	86	Ver abajo	\$ 510,288.92	3016	0.403774	0.925762
Dec-19	2,802,063.250	87	\$0.172303	\$482,803.90	2802	0.06325	0.329536
Jan-20	2,702,016.500	88	\$0.172303	\$465,565.55	2702	0.0165	0.392786
Feb-20	3,143,426.430	89	\$0.172303	\$541,621.80	3143	0.42643	0.409286
Mar-20		90	\$0.172303	\$0.00	0	0	0.835716
Apr-20		91	\$0.172303	\$0.00	0	0	0.835716
May-20		92	\$0.172303	\$0.00	0	0	0.835716
Jun-20		93	\$0.172303	\$0.00	0	0	0.835716
Jul-20		94	\$0.172303	\$0.00	0	0	0.835716
Aug-20		95	\$0.172303	\$0.00	0	0	0.835716
Sep-20		96	\$0.172303	\$0.00	0	0	0.835716
Oct-20		97	\$0.172303	\$0.00	0	0	0.835716
Nov-20		98	Ver abajo	\$ -	0	0	0.835716

Notas:

COD: 28 de noviembre

Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost	\$ Total CER
0.925762	0.925762	\$35	\$115,605	\$0.01	\$33.03	#####
1.329536	0.329536	\$35	\$105,560	\$0.01	\$30.16	#####
0.392786	0.392786	\$35	\$98,070	\$0.01	\$28.02	\$98,041.98
0.409286	0.409286	\$35	\$94,570	\$0.01	\$27.02	\$94,542.98
0.835716	0.835716	\$35	\$110,005	\$0.01	\$31.43	#####
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00
0.835716	0.835716	\$35	\$0	\$0.01	\$0.00	\$0.00

Escalacion 28 de Noviembre 2019

Energía 1 al 27 de novie 2744656.27

Precio energí #####

Costo \$ 463,638.32

Energia 28 al 30 noviem 270747.5

Precio energí #####

Costo \$ 46,650.61

Energia total mes 3015403.77

Costo total mes \$ 510,288.92

Escalacion 28 de Noviembre 2020

Energía 1 al 27 de noviembre

Precio energí #####

Costo \$ -

Energia 28 al 30 noviembre

Precio energia

Costo \$ -

Energia total mes 0

Costo total mes \$ -

[illegible]

Purchased Power (NEO) Invoice Verification
AES ILUMINA, INC.

3/12/2020

Meter Reading Period	December-19
Billing Period	87
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	2,802,063.250
Energy Purchase Price (EPP) in \$/kWh	\$0.172303
Energy Payment (EP) in US\$	\$482,803.90

Total Payment in US\$: \$482,803.90

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
AES ILUMINA, INC.

3/12/2020

Meter Reading Period Start Date	December-19
Billing Period	87
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	2,802
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$98,070.00
Fee per REC transferred	\$0.01
Transfer cost	\$28.02

Total Payment in US\$: \$98,041.98

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification

AES Ilumina, Inc.

3/12/2020

Meter Reading Period	January-20
Billing Period	88
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	2,702,016.500
Energy Purchase Price (EPP) in \$/kWh	\$0.172303
Energy Payment (EP) in US\$	\$465,565.55

Total Payment in US\$:	\$465,565.55
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification

AES Ilumina, Inc.

3/12/2020

Meter Reading Period Start Date	January-20
Billing Period	88
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	2,702
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$94,570.00
Fee per REC transferred	\$0.01
Transfer cost	\$27.02

Total Payment in US\$:	\$94,542.98
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
AES Ilumina, Inc.
3/12/2020

Meter Reading Period	February-20
Billing Period	89
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	3,143,426.430
Energy Purchase Price (EPP) in \$/kWh	\$0.172303
Energy Payment (EP) in US\$	\$541,621.80

Total Payment in US\$:	\$541,621.80
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
AES Ilumina, Inc.
3/12/2020

Meter Reading Period Start Date	February-20
Billing Period	89
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	3,143
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$110,005.00
Fee per REC transferred	\$0.01
Transfer cost	\$31.43

Total Payment in US\$:	\$109,973.57
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Coto Laurel Sc

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes
Jan-19	1,355,173.000	27 PRE-OPERATIO	\$0.150	\$203,275.95	1355	0.173
Feb-19	1,347,891.000	28 PRE-OPERATIO	\$0.150	\$202,183.65	1348	0.891
Mar-19	1,586,587.050	29 PRE-OPERATIO	\$0.150	\$237,988.06	1586	0.587050
Apr-19	1,467,328.000	30 PRE-OPERATIO	\$0.150	\$220,099.20	1468	0.328000
May-19	1,331,987.250	31 PRE-OPERATIO	\$0.150	\$199,798.09	1332	0.987250
Jun-19	1,300,027.750	32 PRE-OPERATIO	\$0.150	\$195,004.16	1300	0.027750
Jul-19	1,344,796.000	33 PRE-OPERATIO	\$0.150	\$201,719.40	1344	0.796000
Aug-19	1,483,139.000	34 PRE-OPERATIO	\$0.150	\$222,470.85	1484	0.139000
Sep-19	1,249,944.000	35 PRE-OPERATIO	\$0.150	\$187,491.60	1250	0.944000
Oct-19	1,214,915.803	36 PRE-OPERATIO	\$0.150	\$182,237.37	1214	0.915803
Nov-19	1,345,159.006	37 PRE-OPERATIO	\$0.150	\$201,773.85	1346	0.159006
Dec-19	1,252,461.750	38 PRE-OPERATIO	\$0.150	\$187,869.26	1252	0.461750
Jan-20	1,131,577.000	1 OPERATION*	\$0.150	\$169,736.55	1132	0.577000
Feb-20	1,266,103.000	2 OPERATION	\$0.150	\$189,915.45	1266	0.103000

* COD 20/enero/2020

olar Farm - Datos Facturación 2019

Fracc. Acum. Mes	Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost	\$ GCP Total C
0.14995	0.322950	0.322950	\$35	\$47,425	\$0.01	\$13.55	\$47,411.45
0.322950	1.213950	0.213950	\$35	\$47,180	\$0.01	\$13.48	\$47,166.52
0.213950	0.801000	0.801000	\$35	\$55,510	\$0.01	\$15.86	\$55,494.14
0.801000	1.129000	0.129000	\$35	\$51,380	\$0.01	\$14.68	\$51,365.32
0.129000	1.116250	0.116250	\$35	\$46,620	\$0.01	\$13.32	\$46,606.68
0.116250	0.144000	0.144000	\$35	\$45,500	\$0.01	\$13.00	\$45,487.00
0.144000	0.940000	0.940000	\$35	\$47,040	\$0.01	\$13.44	\$47,026.56
0.940000	1.079000	0.079000	\$35	\$51,940	\$0.01	\$14.84	\$51,925.16
0.079000	1.023000	0.023000	\$35	\$43,750	\$0.01	\$12.50	\$43,737.50
0.023000	0.938803	0.938803	\$35	\$42,490	\$0.01	\$12.14	\$42,477.86
0.938803	1.097809	0.097809	\$35	\$47,110	\$0.01	\$13.46	\$47,096.54
0.097809	0.559559	0.559559	\$35	\$43,820	\$0.01	\$12.52	\$43,807.48
0.559559	1.136559	0.136559	\$35	\$39,620	\$0.01	\$11.32	\$39,608.68
0.136559	0.239559	0.239559	\$35	\$44,310	\$0.01	\$12.66	\$44,297.34

* La AEE retiene

Escalacion x de x		
Energía 1 al x-1		0
Precio energia	0.15	
Costo	\$	-
Energia x al 3x		0
Precio energia	0.153	
Costo	\$	-
Energia total mes		0
Costo total mes	\$	-

Fecha COD: 20 enero 2020

Capacit y Factor
18%
20%
21%
20%
18%
18%
18%
20%
17%
16%
19%
17%
15%
18%

el costo de las transferencias (Transfer cost) del pago de los CERs

Purchased Power (NEO) Invoice Verification
Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period	December-19
Billing Period	38 PRE-OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	1,252,461.750
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$187,869.26

Total Payment in US\$: \$187,869.26

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period Start Date	December-19
Billing Period	38 PRE-OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	1,252
en Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$43,820.00
Fee per REC transferred	\$0.01
Transfer cost	\$12.52

Total Payment in US\$: \$43,807.48

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification

Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period	January-20
Billing Period	1 OPERATION*
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	1,131,577.000
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$169,736.55

Total Payment in US\$:	\$169,736.55
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period Start Date	January-20
Billing Period	1 OPERATION*
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	1,132
en Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$39,620.00
Fee per REC transferred	\$0.01
Transfer cost	\$11.32

Total Payment in US\$: \$39,608.68

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period	February-20
Billing Period	2 OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	1,266,103.000
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$189,915.45

Total Payment in US\$: \$189,915.45

Payment Due Date: 16-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Coto Laurel Solar Farm, Inc.

12-Mar-20

Meter Reading Period Start Date	February-20
Billing Period	2 OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	1,266
en Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$44,310.00
Fee per REC transferred	\$0.01
Transfer cost	\$12.66

Total Payment in US\$: \$44,297.34

Payment Due Date: 16-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes	Fracc. Acum. Mes
Aug-19	2,073,009.000	49	Ver Abajo	\$ 317,418.22	2073	0.009000	0.218777
Sep-19	1,717,057.000	50	\$0.1548	\$265,800.42	1717	0.057000	0.227777
Oct-19	1,918,021.036	51	\$0.1548	\$296,909.66	1918	0.021036	0.284777
Nov-19	1,797,758.500	52	\$0.1548	\$278,293.02	1798	0.758500	0.305813
Dec-19	1,738,740.500	53	\$0.1548	\$269,157.03	1738	0.740500	0.064313
Jan-20	1,503,662.500	54	\$0.1548	\$232,766.96	1504	0.662500	0.804813
Feb-20	1,909,639.500	55	\$0.1548	\$295,612.19	1910	0.639500	0.467313
Mar-20		56	\$0.1548	\$0.00	0	0.000000	0.106813
Apr-20		57	\$0.1548	\$0.00	0	0.000000	0.106813
May-20		58	\$0.1548	\$0.00	0	0.000000	0.106813
Jun-20		59	\$0.1548	\$0.00	0	0.000000	0.106813
Jul-20		60	\$0.1548	\$0.00	0	0.000000	0.106813
Aug-20	0.000	61	Ver Abajo	\$ -	0	0.000000	0.106813

Notas:

COD: 18 de agosto de 2015

Initial Interconnection Date: March 4, 2015

Initial Synchronization Date: March 5, 2015

Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC transferred	Transfer cost	\$ GCP Total CER	Capacity Factor
0.227777	0.227777	\$35	\$72,555	\$0.01	\$20.73	\$72,534.27	28%
0.284777	0.284777	\$35	\$60,095	\$0.01	\$17.17	\$60,077.83	24%
0.305813	0.305813	\$35	\$67,130	\$0.01	\$19.18	\$67,110.82	26%
1.064313	0.064313	\$35	\$62,930	\$0.01	\$17.98	\$62,912.02	25%
0.804813	0.804813	\$35	\$60,830	\$0.01	\$17.38	\$60,812.62	23%
1.467313	0.467313	\$35	\$52,640	\$0.01	\$15.04	\$52,624.96	20%
1.106813	0.106813	\$35	\$66,850	\$0.01	\$19.10	\$66,830.90	27%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.106813	0.106813	\$35	\$0	\$0.01	\$0.00	\$0.00	0%

* La AEE retiene el costo

Aug-19

KWH 1 al 17 Ago	1161189.5
Costo kWh	\$0.1518
Total \$	\$176,268.57
KWh 18 al 31 Ago	911819.5
Costo kWh	0.1548
Total \$	\$141,149.66
Total Mes\$	\$ 317,418.22

Aug-20

KWH 1 al 17 Ago	
Costo kWh	\$0.1548
Total \$	\$ -
KWh 18 al 31 Ago	
Costo kWh	
Total \$	\$ -
Total Mes\$	\$ -

de las transferencias (Transfer cost) del pago de los CERs

Purchased Power (NEO) Invoice Verification
Horizon Energy, LLC

4-Jan-17

Meter Reading Period	December-19
Billing Period	53
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	1,738,740.500
Energy Purchase Price (EPP) in \$/kWh	\$0.1548
Energy Payment (EP) in US\$	\$269,157.03

Total Payment in US\$: **\$269,157.03**

Payment Due Date: 15-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification

Horizon Energy, LLC

4-Jan-17

Meter Reading Period Start Date	December-19
Billing Period	53
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	1,738
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$60,830.00
Fee per REC transferred	\$0.01
Transfer cost	\$17.38

Total Payment in US\$: \$60,812.62

Payment Due Date: 15-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Horizon Energy, LLC

12-Mar-20

Meter Reading Period	January-20
Billing Period	54
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	1,503,662.500
Energy Purchase Price (EPP) in \$/kWh	\$0.1548
Energy Payment (EP) in US\$	\$232,766.96

Total Payment in US\$: \$232,766.96

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification

Horizon Energy, LLC

12-Mar-20

Meter Reading Period Start Date	January-20
Billing Period	54
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	1,504
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$52,640.00
Fee per REC transferred	\$0.01
Transfer cost	\$15.04

Total Payment in US\$: \$52,624.96

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Horizon Energy, LLC
12-Mar-20

Meter Reading Period	February-20
Billing Period	55
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	1,909,639.500
Energy Purchase Price (EPP) in \$/kWh	\$0.1548
Energy Payment (EP) in US\$	\$295,612.19

Total Payment in US\$: \$295,612.19

Payment Due Date: 1-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Horizon Energy, LLC
12-Mar-20

Meter Reading Period Start Date	February-20
Billing Period	55
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	1,910
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$66,850.00
Fee per REC transferred	\$0.01
Transfer cost	\$19.10

Total Payment in US\$:	\$66,830.90
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Payment Due Date:	1-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes
Dec-19	4,119,192.443	37 PRE-OPERATI	\$0.150000	\$617,878.87	4119	0.192443
Jan-20	3,400,554.500	38 PRE-OPERATI	\$0.150000	\$510,083.18	3401	0.5545
Feb-20	4,768,776.26	39 PRE-OPERATI	\$0.150000	\$715,316.44	4769	0.77626
Mar-20		40 PRE-OPERATI	\$0.150000	\$0.00	0	0
Apr-20		41 PRE-OPERATI	\$0.150000	\$0.00	0	0
May-20		42 PRE-OPERATI	\$0.150000	\$0.00	0	0
Jun-20		43 PRE-OPERATI	\$0.150000	\$0.00	0	0
Jul-20		44 PRE-OPERATI	\$0.150000	\$0.00	0	0
Aug-20		45 PRE-OPERATI	\$0.150000	\$0.00	0	0
Sep-20		46 PRE-OPERATI	\$0.150000	\$0.00	0	0
Oct-20		47 PRE-OPERATI	\$0.150000	\$0.00	0	0
Nov-20		48 PRE-OPERATI	\$0.150000	\$0.00	0	0
Dec-20		49 PRE-OPERATI	\$0.150000	\$0.00	0	0

Fracc. Acum. Mes	Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost
0.738584	0.931027	0.931027	\$25	\$102,975	\$0.01	\$41.19
0.931027	1.485527	0.485527	\$25	\$85,025	\$0.01	\$34.01
0.485527	1.261787	0.261787	\$25	\$119,225	\$0.01	\$47.69
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00
0.261787	0.261787	0.261787	\$25	\$0	\$0.01	\$0.00

Escalacion		
Energía al de		
Precio energi	\$0.15000	
Costo	\$	-
Energia al		
Precio energia		
Costo	\$	-
Energia total mes		0
Costo total mes	\$	-

Nota: Todavía no está en ope
escalación precio es a partir o
la fecha de operación

\$ GPC Total CER	Capacity Factor
\$102,933.81	18%
\$84,990.99	23%
\$119,177.31	34%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%
\$0.00	0%

Nota Capacity Factor: Todavía no opera a capacidad de 40 MW; actualmente a 30 MW

* La AEE retiene el costo de las transferencias (Transfer cost) del pago de los CERs

eración comercial;
del aniversario de
comercial

Purchased Power (NEO) Invoice Verification
Humacao Solar Project, LLC
3/12/2020

Meter Reading Period	December-19
Billing Period	37 PRE-OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	4,119,192.443
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$617,878.87

Total Payment in US\$:	\$617,878.87
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet

Purchased Power (CERs) Invoice Verification
Humacao Solar Project, LLC

3/12/2020

Meter Reading Period Start Date	December-19
Billing Period	37 PRE-OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	4,119
Green Credit Purchase Price (GCPP) in \$/MWh	25
Green Credits Payment (GCP) in \$	\$102,975.00
Fee per REC transferred	\$0.01
Transfer cost	\$41.19

Total Payment in US\$: \$102,933.81

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Humacao Solar Project, LLC

3/12/2020

Meter Reading Period	January-20
Billing Period	38 PRE-OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	3,400,554.500
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$510,083.18

Total Payment in US\$: \$510,083.18

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Humacao Solar Project, LLC

3/12/2020

Meter Reading Period Start Date	January-20
Billing Period	38 PRE-OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	3,401
Green Credit Purchase Price (GCPP) in \$/MWh	25
Green Credits Payment (GCP) in \$	\$85,025.00
Fee per REC transferred	\$0.01
Transfer cost	\$34.01

Total Payment in US\$: \$84,990.99

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Humacao Solar Project, LLC

3/12/2020

Meter Reading Period	February-20
Billing Period	39 PRE-OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	4,768,776.260
Energy Purchase Price (EPP) in \$/kWh	\$0.150
Energy Payment (EP) in US\$	\$715,316.44

Total Payment in US\$: \$715,316.44

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Humacao Solar Project, LLC

3/12/2020

Meter Reading Period Start Date	February-20
Billing Period	39 PRE-OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	4,769
Green Credit Purchase Price (GCPP) in \$/MWh	25
Green Credits Payment (GCP) in \$	\$119,225.00
Fee per REC transferred	\$0.01
Transfer cost	\$47.69

Total Payment in US\$: \$119,177.31

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisontet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes corriente
Sep-19	460,316.10	36 OPERATION	\$0.10	\$46,031.61	460	0.316101
Oct-19	464,342.375	37 OPERATION	\$0.10	\$46,434.24	464	0.342375
Nov-19	469,841.38	38 OPERATION	\$0.10	\$46,984.14	470	0.841375
Dec-19	456,444.25	39 OPERATION	\$0.10	\$45,644.43	457	0.444250
Jan-20	233,037.00	40 OPERATION	\$0.10	\$23,303.70	233	0.037000
Feb-20	326,672.25	41 OPERATION	\$0.10	\$32,667.23	326	0.672250
Mar-20		42 OPERATION	\$0.10	\$0.00	0	0.000000
Apr-20		43 OPERATION	\$0.10	\$0.00	0	0.000000
May-20		44 OPERATION	\$0.10	\$0.00	0	0.000000
Jun-20		45 OPERATION	\$0.10	\$0.00	0	0.000000
Jul-20		46 OPERATION	\$0.10	\$0.00	0	0.000000
Aug-20		47 OPERATION	\$0.10	\$0.00	0	0.000000
Sep-20		48 OPERATION	\$0.10	\$0.00	0	0.000000

[illegible]

[illegible]

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)
12-Mar-2020

Meter Reading Period	December-19
Billing Period	39 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	456,444.250
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$45,644.43
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)

12-Mar-2020

Meter Reading Period	December-19
Billing Period	39 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	457
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$4.57

Total Payment in US\$*:	\$4.57
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***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)

12-Mar-2020

Meter Reading Period	January-20
Billing Period	40 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	233,037.000
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$23,303.70
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)

12-Mar-2020

Meter Reading Period	January-20
Billing Period	40 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	233
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$2.33

Total Payment in US\$*:	\$2.33
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***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)
12-Mar-2020

Meter Reading Period	February-20
Billing Period	41 OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	326,672.250
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$32,667.23
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Fajardo)

12-Mar-2020

Meter Reading Period	February-20
Billing Period	41 OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	326
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$3.26

Total Payment in US\$*:	\$3.26
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***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes corriente
Feb-19	737,201.250	25 PRE-OPERATI	\$0.10	\$73,720.13	737	0.20125
Mar-19	4,213.500	26 PRE-OPERATI	\$0.10	\$421.35	4	0.213500
Apr-19	435,834.00	27 PRE-OPERATI	\$0.10	\$43,583.40	436	0.834000
May-19	688,723.50	28 PRE-OPERATI	\$0.10	\$68,872.35	689	0.723500
Jun-19	964,679.50	29 PRE-OPERATI	\$0.10	\$96,467.95	965	0.679500
Jul-19	522,775.50	30 PRE-OPERATI	\$0.10	\$52,277.55	522	0.775500
Aug-19	1,132,198.00	31 PRE-OPERATI	\$0.10	\$113,219.80	1133	0.198000
Sep-19	436,895.00	32 PRE-OPERATI	\$0.10	\$43,689.50	437	0.895000
Oct-19	295,160.00	33 PRE-OPERATI	\$0.10	\$29,516.00	295	0.160000
Nov-19	1,102,502.74	34 PRE-OPERATI	\$0.10	\$110,250.27	1102	0.502742
Dec-19	1,142,654.88	35 PRE-OPERATI	\$0.10	\$114,265.49	1143	0.654882
Jan-20	445,903.00	36 PRE-OPERATI	\$0.10	\$44,590.30	446	0.903000
Feb-20	410,680.50	37 PRE-OPERATI	\$0.10	\$41,068.05	410	0.680500

8,319,421.37

Fracc. Acum. Mes	Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost	\$ Total CER
0.546328	0.747578	0.747578	\$0	\$0	\$0.01	\$7.37	(\$7.37)
0.747578	0.961078	0.961078	\$0	\$0	\$0.01	\$0.04	(\$0.04)
0.961078	1.795078	0.795078	\$0	\$0	\$0.01	\$4.36	(\$4.36)
0.795078	1.518578	0.518578	\$0	\$0	\$0.01	\$6.89	(\$6.89)
0.518578	1.198078	0.198078	\$0	\$0	\$0.01	\$9.65	(\$9.65)
0.198078	0.973578	0.973578	\$0	\$0	\$0.01	\$5.22	(\$5.22)
0.973578	1.171578	0.171578	\$0	\$0	\$0.01	\$11.33	(\$11.33)
0.171578	1.066578	0.066578	\$0	\$0	\$0.01	\$4.37	(\$4.37)
0.066578	0.226578	0.226578	\$0	\$0	\$0.01	\$2.95	(\$2.95)
0.226578	0.729320	0.729320	\$0	\$0	\$0.01	\$11.02	(\$11.02)
0.729320	1.384202	0.384202	\$0	\$0	\$0.01	\$11.43	(\$11.43)
0.384202	1.287202	0.287202	\$0	\$0	\$0.01	\$4.46	(\$4.46)
0.287202	0.967702	0.967702	\$0	\$0	\$0.01	\$4.10	(\$4.10)

*Landfill Gas

Capacity Factor
46%
0%
25%
39%
56%
29%
63%
25%
17%
64%
64%
25%
25%

Technologies transfere los CERs libre de costo a la AEE.

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)
12-Mar-2020

Meter Reading Period	December-19
Billing Period	35 PRE-OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	1,142,654.88
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$114,265.49
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)

12-Mar-2020

Meter Reading Period	December-19
Billing Period	35 PRE-OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	1,143
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$11.43

Total Payment in US\$*: \$11.43

***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)
12-Mar-2020

Meter Reading Period	January-20
Billing Period	36 PRE-OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	445,903.00
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$44,590.30
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)

12-Mar-2020

Meter Reading Period	January-20
Billing Period	36 PRE-OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	446
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$4.46

Total Payment in US\$*: \$4.46

***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Purchased Power (NEO) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)
12-Mar-2020

Meter Reading Period	February-20
Billing Period	37 PRE-OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	410,680.50
Energy Purchase Price (EPP) in \$/kWh	\$0.10

Energy Energy Payment (EP) in US\$	\$41,068.05
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Renewable Energy Certificates (RECs or Green Credits) Invoice Verification
Landfill Gas Technologies of Fajardo, LLC (Toa Baja)

12-Mar-2020

Meter Reading Period	February-20
Billing Period	37 PRE-OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	410
Green Credit Purchase Price (GCPP) in \$/MWh	*
**Fee per REC transferred	\$0.01
Transfer cost	\$4.10

Total Payment in US\$*: \$4.10

***Payment of Transfer Fees to the North American Renewables Registry**

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

* LFGT shall convey to PREPA the Green Credits generated by the Facility at no additional cost to PREPA.

** The transfer of the Green Credits is at the expense of PREPA.

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes corriente
Dec-19	10,193,641.511	86	Ver abajo	#####	10194	0.641511
Jan-20	5,148,737.250	87	\$0.13873	\$714,284.32	5149	0.737250
Feb-20	13,656,138.013	88	\$0.13873	\$1,894,516.03	13656	0.138013
Mar-20		89	\$0.13873	\$0.00	0	0.000000
Apr-20		90	\$0.13873	\$0.00	0	0.000000
May-20		91	\$0.13873	\$0.00	0	0.000000
Jun-20		92	\$0.13873	\$0.00	0	0.000000
Jul-20		93	\$0.13873	\$0.00	0	0.000000
Aug-20		94	\$0.13873	\$0.00	0	0.000000
Sep-20		95	\$0.13873	\$0.00	0	0.000000
Oct-20		96	\$0.13873	\$0.00	0	0.000000
Nov-20		97	\$0.13873	\$0.00	0	0.000000
Dec-20	0.000	98	Ver abajo	\$ -	0	0.000000

Notas:

COD 5 de diciembre

Fracc. Acum. Mes	Total Fracc	Fracciones prox mes	\$/CER	\$ Total CERs	Capacit y Factor
0.777533	1.419044	0.419044	Ver abajo	\$ 282,717.04	18%
0.419044	1.156294	0.156294	\$27.75	\$142,884.75	9%
0.156294	0.294307	0.294307	\$27.75	\$378,954.00	26%
0.294307	0.294307	0.294307	\$27.75	\$0.00	0%
0.294307	0.294307	0.52795	\$27.75	\$0.00	0%
0.527950	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.527950	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	\$27.75	\$0.00	0%
0.52795	0.527950	0.52795	Ver abajo	\$ -	0%

*Según contrato, la AEE es responsable del c

Escalacion 5 de diciembre 2019

Energía 1 al 4 de diciembre 405805.75

Precio energia **\$0.136680**

Costo \$ 55,465.53

Energia 5 al 31 diciembre 9787835.761

Precio energia **\$0.138730**

Costo \$ 1,357,866.46

Energia total mes 10193641.51

Costo total mes \$ 1,413,331.99

Fracciones

CERs 1 al 4 de diciembre 20: 406.000000

0.80575

Precio energia #####

Costo \$ 11,100.04

CERs 5 al 31diciembre 9788.000000

0.835761

Precio energia #####

Costo \$ 271,617.00

CERs totales* 10194

1.641511

Costo total mes \$ 282,717.04

* Verificar que las fracciones y CERs totales sean iguales en la tabla

Escalacion 5 de diciembre 2020

Energía 1 al 4 de diciembre

Precio energia **\$0.138730**

Costo	\$	-
Energia 5 al 31 diciembre		
Precio energia		
Costo	\$	-
Energia total mes		0
Costo total mes	\$	-

		Fracciones	
CERs 1 al 4 de diciembre 20:	0.000000		0
Precio energia	#####		
Costo	\$	-	
CERs 5 al 31diciembre	0.000000		0
Precio energia			
Costo	\$	-	
CERs totales*		0	0
Costo total mes	\$	-	

* Verificar que las fracciones y CERs totales sean iguales en la tabla

Costo de las transferencias de los CERs, por lo que no se retiene dicho costo a Pattern.

Mes anterior	Total
0.777533	1.58328

Sobrantes del 1 al 4	Total
0.583283	1.41904

Mes anterior	Total
0.52795	0.52795

Sobrantes del 1 al 4	Total
0.52795	0.52795

Purchased Power (NEO) Invoice Verification

Pattern Santa Isabel, LLC.

12-Mar-20

Meter Reading Period	December-19
Billing Period	86
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	405,805.750
Energy Purchase Price (EPP) in \$/kWh	\$0.13668
Energy Payment (EP) in US\$	\$55,465.53

Net Electrical Output (NEO) in kWh	9,787,835.761
Energy Purchase Price (EPP) in \$/kWh	\$0.13873
Energy Payment (EP) in US\$	\$1,357,866.46

Total Payment in US\$:	\$1,413,331.99
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification

Pattern Santa Isabel, LLC.

12-Mar-20

Meter Reading Period Start Date	December-19
Billing Period	86
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	406
Ren Credit Purchase Price (GCPP) in \$/MWh	27.34
Green Credits Payment (GCP) in \$	\$11,100.04

Renewable Energy Certificates	9,788
Ren Credit Purchase Price (GCPP) in \$/MWh	27.75
Green Credits Payment (GCP) in \$	\$271,617.00

Total Payment in US\$: \$282,717.04

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Pattern Santa Isabel, LLC.

12-Mar-20

Meter Reading Period	January-20
Billing Period	87
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	5,148,737.250
Energy Purchase Price (EPP) in \$/kWh	\$0.13873
Energy Payment (EP) in US\$	\$714,284.32

Total Payment in US\$: \$714,284.32

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Pattern Santa Isabel, LLC.

12-Mar-20

Meter Reading Period Start Date	January-20
Billing Period	87
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	5,149
Open Credit Purchase Price (GCPP) in \$/MWh	27.75
Green Credits Payment (GCP) in \$	\$142,884.75

Total Payment in US\$: \$142,884.75

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Pattern Santa Isabel, LLC.

12-Mar-20

Meter Reading Period	February-20
Billing Period	88
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	13,656,138.013
Energy Purchase Price (EPP) in \$/kWh	\$0.13873
Energy Payment (EP) in US\$	\$1,894,516.03

Total Payment in US\$: \$1,894,516.03

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Pattern Santa Isabel, LLC.
12-Mar-20

Meter Reading Period Start Date	February-20
Billing Period	88
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	13,656
Ren Credit Purchase Price (GCPP) in \$/MWh	27.75
Green Credits Payment (GCP) in \$	\$378,954.00

Total Payment in US\$: \$378,954.00

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes	Fracc. Acum. Mes
Sep-19	80,493.570	98	\$0.172	\$13,844.89	390	0.43045	0.605480
Sep-19	308,936.880	98	\$0.176	\$54,372.89			
Oct-19	419,672.610	99	\$0.176	\$73,862.38	419	0.67261	0.03593
Nov-19	428,557.380	100	\$0.176	\$75,426.10	429	0.55738	0.70854
Dec-19	428,034.225	101	\$0.176	\$75,334.02	428	0.034225	0.26592
Jan-20	282,310.725	102	\$0.176	\$49,686.69	282	0.310725	0.300145
Feb-20	345,807.165	103	\$0.176	\$60,862.06	346	0.807165	0.61087
Mar-20		104	\$0.176	\$0.00	0	0	0.418035
Apr-20		105	\$0.176	\$0.00	0	0	0.418035
May-20		106	\$0.176	\$0.00	0	0	0.418035
Jun-20		107	\$0.176	\$0.00	0	0	0.418035
Jul-20		108	\$0.176	\$0.00	0	0	0.418035
Aug-20		109	\$0.176	\$0.00	0	0	0.418035
Sep-20	0.000	109	Ver Abajo	\$ -	0	0	0.418035

Escalacion 7 de
Energía 1 al 6 S
Precio energia
Costo
Energia 7 al 30
Precio energia
Costo
Energia total m
Costo total mes

Notas:

COD: 7 de septiembre

Escalacion 7 de
Energía 1 al 6 S
Precio energia
Costo
Energia 7 al 30
Precio energia
Costo
Energia total m
Costo total mes

Total Fracción	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost	\$ Total CER	Capacity Factor
1.03593	0.03593	\$35	\$13,650	\$0.01	\$3.90	\$13,646.10	26%
0.70854	0.70854	\$35	\$14,665	\$0.01	\$4.19	\$14,660.81	27%
1.26592	0.26592	\$35	\$15,015	\$0.01	\$4.29	\$15,010.71	28%
0.300145	0.300145	\$35	\$14,980	\$0.01	\$4.28	\$14,975.72	27%
0.61087	0.61087	\$35	\$9,870	\$0.01	\$2.82	\$9,867.18	18%
1.418035	0.418035	\$35	\$12,110	\$0.01	\$3.46	\$12,106.54	24%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
0.418035	0.418035	\$36	\$0	\$1.01	\$0.00	\$0.00	0%

e Septiembre 2019			
Septiembre	80,493.570		
	0.172		
	\$ 13,844.89		
Septiembre	308,936.880		
	0.176		
	\$ 54,372.89	CERs:	
nes	389,430.450		390
s	\$ 68,217.78		

e Septiembre 2020			
Septiembre			
	0.176		
	\$ -		
Septiembre			
	\$ -	CERs:	
nes	0.000		0
s	\$ -		

Purchased Power (NEO) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó

12-Mar-20

Meter Reading Period	December-19
Billing Period	101
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	428,034.225
Energy Purchase Price (EPP) in \$/kWh	\$0.176
Energy Payment (EP) in US\$	\$75,334.02

Total Payment in US\$:	\$75,334.02
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó
12-Mar-20

Meter Reading Period Start Date	December-19
Billing Period	101
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	428
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$14,980.00
Fee per REC transferred	\$0.01
Transfer cost	\$4.28

Total Payment in US\$:	\$14,975.72
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director

Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó

12-Mar-20

Meter Reading Period	January-20
Billing Period	102
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	282,310.725
Energy Purchase Price (EPP) in \$/kWh	\$0.176
Energy Payment (EP) in US\$	\$49,686.69

Total Payment in US\$: \$49,686.69

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó
12-Mar-20

Meter Reading Period Start Date	January-20
Billing Period	102
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	282
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$9,870.00
Fee per REC transferred	\$0.01
Transfer cost	\$2.82

Total Payment in US\$:	\$9,867.18
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó
12-Mar-20

Meter Reading Period	February-20
Billing Period	103
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	345,807.165
Energy Purchase Price (EPP) in \$/kWh	\$0.176
Energy Payment (EP) in US\$	\$60,862.06

Total Payment in US\$:	\$60,862.06
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Windmar Renewable Energy, Inc. - Cantera Martínó
12-Mar-20

Meter Reading Period Start Date	February-20
Billing Period	103
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	346
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$12,110.00
Fee per REC transferred	\$0.01
Transfer cost	\$3.46

Total Payment in US\$:	\$12,106.54
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto:

Miguel F. Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fracciones Mes
Dec-18	6,358,655.385	25 OPERATION	Ver abajo	\$ 980,301.90	6358	0.655385
Jan-19	6,174,974.625	26 OPERATION	\$0.156	\$963,296.04	6175	0.974625
Feb-19	6,268,702.506	27 OPERATION	\$0.156	\$977,917.59	6269	0.702506
Mar-19	6,904,270.886	28 OPERATION	\$0.156	#####	6904	0.270886
Apr-19	6,977,470.625	29 OPERATION	\$0.156	#####	6978	0.470625
May-19	6,757,338.011	30 OPERATION	\$0.156	#####	6757	0.338011
Jun-19	7,207,178.013	31 OPERATION	\$0.156	#####	7207	0.178013
Jul-19	6,995,455.000	32 OPERATION	\$0.156	#####	6996	0.455
Aug-19	6,735,336.510	33 OPERATION	\$0.156	#####	6735	0.33651
Sep-19	5,956,399.007	34 OPERATION	\$0.156	\$929,198.25	5956	0.399007
Oct-19	6,368,640.500	35 OPERATION	\$0.156	\$993,507.92	6369	0.6405
Nov-19	6,420,715.008	36 OPERATION	\$0.156	#####	6421	0.715008
Dec-19	6,296,300.263	37 OPERATION	Ver abajo	\$ 989,377.37	6296	0.300263
Jan-20	5,119,313.250	38 OPERATION	\$0.159	\$813,970.81	5119	0.31325
Feb-20	6,104,734.511	39 OPERATION	\$0.159	\$970,652.79	6105	0.734511

Notas:

PRE-OP: 9 de septiembre de 2016

COD: 20 Dic 2016

Datos Oriana 2019

Fracc. Acum. Mes	Total Fracc	Fracciones prox mes	\$/CER	(GCP) in \$	Fee per REC	Transfer cost
0.04476	0.70015	0.70015	\$30	\$190,740	\$0.01	\$63.58
0.70015	1.67477	0.67477	\$30	\$185,250	\$0.01	\$61.75
0.67477	1.37728	0.37728	\$30	\$188,070	\$0.01	\$62.69
0.37728	0.64817	0.64817	\$30	\$207,120	\$0.01	\$69.04
0.64817	1.11879	0.11879	\$30	\$209,340	\$0.01	\$69.78
0.11879	0.4568	0.4568	\$30	\$202,710	\$0.01	\$67.57
0.4568	0.63481	0.63481	\$30	\$216,210	\$0.01	\$72.07
0.63481	1.08981	0.08981	\$30	\$209,880	\$0.01	\$69.96
0.08981	0.42632	0.42632	\$30	\$202,050	\$0.01	\$67.35
0.42632	0.82533	0.82533	\$30	\$178,680	\$0.01	\$59.56
0.82533	1.46583	0.46583	\$30	\$191,070	\$0.01	\$63.69
0.46583	1.18084	0.18084	\$30	\$192,630	\$0.01	\$64.21
0.18084	0.4811	0.4811	\$30	\$188,880	\$0.01	\$62.96
0.4811	0.79435	0.79435	\$30	\$153,570	\$0.01	\$51.19
0.79435	1.52886	0.52886	\$30	\$183,150	\$0.01	\$61.05

Dec-18

KWH 1 al 19 #####
 Costo kWh \$0.15
 Total \$ \$594,065.34
 KWh 20 al 31 #####
 Costo kWh \$0.16
 Total \$ \$386,236.56
 Total Mes\$ \$ 980,301.90

Dec-19

KWH 1 al 19 3911457
 Costo kWh 0.156
 Total \$ \$ 610,187.29
 KWh 20 al 31 2384843.263
 Costo kWh 0.159
 Total \$ \$ 379,190.08
 Total Mes\$ \$ 989,377.37

\$GCP Total CE	Capacity Factor
\$190,676.42	19%
\$185,188.25	18%
\$188,007.31	21%
\$207,050.96	21%
\$209,270.22	22%
\$202,642.43	20%
\$216,137.93	22%
\$209,810.04	21%
\$201,982.65	20%
\$178,620.44	18%
\$191,006.31	19%
\$192,565.79	20%
\$188,817.04	19%
\$153,518.81	15%
\$183,088.95	19%

* La AEE retiene el costo de las transferencias (Transfer cost) del pago de los CERs

Purchased Power (NEO) Invoice Verification
Oriana Energy, LLC
March 12, 2020

Meter Reading Period	December-19
Billing Period	37 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	3,911,457.000
Energy Purchase Price (EPP) in \$/kWh	\$0.156
Energy Payment (EP) in US\$	\$610,187.29

Net Electrical Output (NEO) in kWh	2,384,843.263
Energy Purchase Price (EPP) in \$/kWh	\$0.159
Energy Payment (EP) in US\$	\$379,190.08

Total Payment in US\$:	\$989,377.37
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Payment Due Date:	16-Feb-2020
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Preparado por y Certificado Correc

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambient

Purchased Power (CERs) Invoice Verification
Oriana Energy, LLC

March 12, 2020

Meter Reading Period Start Date	December-19
Billing Period	37 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	6,296
Green Credit Purchase Price (GCPP) in \$/MWh	30
Green Credits Payment (GCP) in \$	\$188,880.00
Fee per REC transferred	\$0.010
Transfer cost	\$62.96

Total Payment in US\$: \$188,817.04

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification

Oriana Energy, LLC

March 12, 2020

Meter Reading Period	January-20
Billing Period	38 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	5,119,313.250
Energy Purchase Price (EPP) in \$/kWh	\$0.159
Energy Payment (EP) in US\$	\$813,970.81

Total Payment in US\$:	\$813,970.81
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Payment Due Date:	18-Mar-2020
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Preparado por y Certificado Correcto

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Oriana Energy, LLC

March 12, 2020

Meter Reading Period Start Date	January-20
Billing Period	38 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	5,119
Green Credit Purchase Price (GCPP) in \$/MWh	30
Green Credits Payment (GCP) in \$	\$153,570.00
Fee per REC transferred	\$0.010
Transfer cost	\$51.19

Total Payment in US\$: \$153,518.81

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification

Oriana Energy, LLC

March 12, 2020

Meter Reading Period	February-20
Billing Period	39 OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	6,104,734.511
Energy Purchase Price (EPP) in \$/kWh	\$0.159
Energy Payment (EP) in US\$	\$970,652.79

Total Payment in US\$:	\$970,652.79
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Payment Due Date:	16-Apr-2020
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Preparado por y Certificado Correcto

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (CERs) Invoice Verification
Oriana Energy, LLC

March 12, 2020

Meter Reading Period Start Date	February-20
Billing Period	39 OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	6,105
Green Credit Purchase Price (GCPP) in \$/MWh	30
Green Credits Payment (GCP) in \$	\$183,150.00
Fee per REC transferred	\$0.010
Transfer cost	\$61.05

Total Payment in US\$: \$183,088.95

Payment Due Date: 16-Apr-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Mes	Energy (kWh)	Diesels (kWh)	Billing Period	\$/kWh	\$ Total	CERs	Fraciones Mes	Fracc. Acum. Mes	Total Fracc	Fraciones prox mes	\$/CER	(GCP) in	Fee per REC	Transfer cos	\$GCP Total CER	Capacity Factor
Dec-19	2,770,540.000	13,438.110	49 OPERATIO	0.159/0.162	\$ 444,694.72	2757	0.10189	0.02262	0.12451	0.12451	\$35	\$96,495	\$0.01	\$27.57	\$96,467.43	19%
Jan-20	2,157,621.000	11,349.416	50 OPERATIO	\$0.162	\$349,534.60	2146	0.271584	0.12451	0.39609	0.39609	\$35	\$75,110	\$0.01	\$21.46	\$75,088.54	15%
Feb-20	2,845,221.022	15,381.112	51 OPERATIO	\$0.162	\$460,925.81	2830	0.83991	0.39609	1.236	0.236	\$35	\$99,050	\$0.01	\$28.30	\$99,021.70	20%
Mar-20			52 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Apr-20			53 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
May-20			54 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Jun-20			55 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Jul-20			56 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Aug-20			57 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Sep-20			58 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Oct-20			59 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Nov-20			60 OPERATIO	\$0.162	\$0.00	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%
Dec-20			61 OPERATIO	Ver Abajo	\$ -	0	0	0.236	0.236	0.236	\$35	\$0	\$0.01	\$0.00	\$0.00	0%

* La AEE retiene el costo de las transferencias (Transfer cost) del pago de los CERs

Notas:

PRE-OP: 4 de noviembre de 2014

COD: 16 de diciembre de 2015

Escalacion 16 de Diciembre de 2020		
Energía 1 al 15 diciembre		
Precio energia	0.162	
Costo	\$	-
Energía 16 al 31 diciembre		
Precio energia		
Costo	\$	-
Energía total mes		0
Costo total mes	\$	-

Purchased Power (NEO) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period	January-20
Billing Period	50 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	2,770,540.000
Energy Purchase Price (EPP) in \$/kWh	\$0.161
Energy Payment (EP) in US\$	\$444,694.72

Total Payment in US\$: \$444,694.72

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correc

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambient

Purchased Power (CERs) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period Start Date	December-19
Billing Period	50 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	2,757
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$96,495.00
Fee per REC transferred	\$0.010
Transfer cost	\$27.57

Total Payment in US\$: \$96,467.43

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period	December-19
Billing Period	50 OPERATION
Days in Billing Period	31

Energy Payment

Net Electrical Output (NEO) in kWh	2,157,621.000
Energy Purchase Price (EPP) in \$/kWh	\$0.162
Energy Payment (EP) in US\$	\$349,534.60

Total Payment in US\$: \$349,534.60

Payment Due Date: 16-Feb-2020

Preparado por y Certificado Correc

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambient

Purchased Power (CERs) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period Start Date	January-20
Billing Period	50 OPERATION
Days in Billing Period	31

Green Credits Payment

Renewable Energy Certificates	2,146
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$75,110.00
Fee per REC transferred	\$0.010
Transfer cost	\$21.46

Total Payment in US\$: \$75,088.54

Payment Due Date: 18-Mar-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

Purchased Power (NEO) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period	February-20
Billing Period	51 OPERATION
Days in Billing Period	29

Energy Payment

Net Electrical Output (NEO) in kWh	2,845,221.022
Energy Purchase Price (EPP) in \$/kWh	\$0.162
Energy Payment (EP) in US\$	\$460,925.81

Total Payment in US\$: \$460,925.81

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correc

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambient

Purchased Power (CERs) Invoice Verification
San Fermín Solar Farm, LLC

March 12, 2020

Meter Reading Period Start Date	February-20
Billing Period	51 OPERATION
Days in Billing Period	29

Green Credits Payment

Renewable Energy Certificates	2,830
Green Credit Purchase Price (GCPP) in \$/MWh	35
Green Credits Payment (GCP) in \$	\$99,050.00
Fee per REC transferred	\$0.010
Transfer cost	\$28.30

Total Payment in US\$: \$99,021.70

Payment Due Date: 15-Apr-2020

Preparado por y Certificado Correcto:

Miguel Irizarry Silvestrini
Superintendente Interino
División de Planificación y Estudios

Aprobado:

Efran Paredes Maisonet
Director
Planificación y Protección Ambiental

EXHIBIT B

Proposed Factors for the quarter of April to June 2020

[The native form of this exhibit has been filed under seal.]

PLANT	FORECAST (MWH)		Cost	REAL		Cost	DIFF	% (R/F)
SJ	BC	30,508.420	\$4,407,129.80	BC	70,421.000	\$10,172,748.63	39,912.58	230.82%
PS	BC	92,059.840	\$12,655,278.39	BC	163,626.000	\$22,493,332.40	71,566.16	177.74%
CS	NG	311,705.560	\$31,104,306.93	NG			(311,705.56)	0.00%
AG	BC	136,980.000	\$19,222,359.39	BC	135,410.000	\$19,002,041.80	(1,570.00)	98.85%
AGCC GAS	D	650.000	\$148,314.14	D	106,380.000	\$24,273,320.33	105,730.00	16366.15%
SJCC GAS	NG	71,299.000	\$9,711,864.95	D	109,169.000	\$14,870,258.83	37,870.00	153.11%
GAS	D	8,650.000	\$1,815,050.70	D	106,493.000	\$22,345,687.15	97,843.00	1231.13%
CAMB	D	8,970.000	\$1,763,705.58	D	57,387.000	\$11,283,586.67	48,417.00	639.77%
AGCC STM					2,354.000		2,354.00	
SJCC STM					18,605.000		18,605.00	
HYDRO		1,778.000			3,544.000		1,766.00	199.33%
ECO	NG	263,016.180		NG	71,328.000		(191,688.18)	27.12%
AES	C	193,008.550		C	180,231.000		(12,777.55)	93.38%
RENEW		28,452.000			17,635.000		(10,817.00)	61.98%
TOTAL		1,147,077.550	\$80,828,009.88		1,042,583.000	\$124,440,975.80	(104,494.55)	90.89%

Forecast data from Fuel Adjustment Factor Calculation on December 2019

-\$43,612,965.92

Real data from Hourly Generation Reports on January 2020

Data analysis starts on January 7 at 4:24 am

PLANT	FORECAST (MWH)		Cost	REAL (MWH)		Cost	DIFF	% (R/F)
SJ	BC	32,845.520	\$4,386,357.62	BC	94,347.000	\$12,599,577.72	61,501.48	287.24%
PS	BC	153,572.360	\$19,244,686.06	BC	216,401.000	\$27,117,961.25	62,828.64	140.91%
CS	NG	249,126.250	\$24,494,092.90	NG			(249,126.25)	0.00%
AG	BC	253,080.560	\$33,699,964.32	BC	157,730.000	\$21,003,175.32	(95,350.56)	62.32%
AGCC GAS	D		\$0.00	D	123,829.000	\$26,419,847.59	123,829.00	
SJCC GAS	NG	131,867.870	\$19,657,608.25	D	148,301.000	\$22,107,303.02	16,433.13	112.46%
GAS	D	450.000	\$81,190.21	D	96,361.100	\$17,385,728.28	95,911.10	21413.58%
CAMB	D	312.000	\$56,172.79	D	44,390.000	\$7,992,019.64	44,078.00	14227.56%
AGCC STM							-	
SJCC STM							-	
HYDRO		2,682.000			1,084.000		(1,598.00)	40.42%
ECO	NG	270,214.910		NG	163,300.661		(106,914.25)	60.43%
AES	C	241,908.600		C	300,091.544		58,182.94	124.05%
RENEW		36,136.000			34,777.199		(1,358.80)	96.24%
TOTAL		1,372,196.070	101,620,072.13		1,380,612.504	134,625,612.82	8,416.43	100.61%

Forecast data from Fuel Adjustment Factor Calculation on December 2019

Real data from Hourly Generation Reports on February 2020

-\$33,005,540.68

Attachment 1
Puerto Rico Electric Power Authority
Fuel Charge Adjustment Factor
For the Months of April 2020 to June 2020

Line No.	Item	Amount	Reference
1	Calculation of Fuel Charge Adjustment Factor for April 2020 to June 2020		
2			
3	Estimated Total Cost of Fuel for April 2020	\$ 91,529,920.87	Attachment 3 L72
4	Estimated Total Cost of Fuel for May 2020	\$ 119,561,214.62	Attachment 3 L72
5	Estimated Total Cost of Fuel for June 2020	\$ 107,996,247.99	Attachment 3 L72
6			
7			
8	Prior Period Fuel Reconciliation December 2019	\$ 20,125,928.77	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]DEC-2019 RECONCILIATION'!\$F\$29
9	Prior Period Fuel Reconciliation January 2020	\$ 52,421,927.23	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]JAN-2020 RECONCILIATION'!\$F\$29
10	Prior Period Fuel Reconciliation February 2020	\$ 77,554,931.15	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]FEB-2020 RECONCILIATION'!\$F\$29
11			
12	Estimated Retail kWh sales for April 2020	1,259,196,602.86	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$C\$10*10^6
13	Estimated Retail kWh sales for May 2020	1,357,629,302.86	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$D\$10*10^6
14	Estimated Retail kWh sales for June 2020	1,384,047,894.51	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$E\$10*10^6
15			
16			
17	Estimated Total Cost of Fuel	\$ 319,087,383.47	L3+L4+L5
18	Prior Period Reconciliation	\$ 150,102,787.14	L8+L9+L10
19	Estimated Applicable Retail kWh Sales	4,000,873,800.24	L12+L13+L14
20			
21	Fuel Charge Adjustment for April 2020 to June 2020 (\$/kWh)	\$ 0.117272	(L17+L18)/L19
22			
23			
24	Estimated Total Barrels of Oil for Fuel Oil Subsidy Factor	4,082,940.81	Attachment 3 L73-L11-L66
25			
26	Fuel Oil Subsidy Factor for \$30/barrel (\$/kWh)	\$ 0.030615	(30*L24)/L19

Attachment 2**Puerto Rico Electric Power Authority
Purchased Power Charge Adjustment Factor
For the Months of April 2020 to June 2020**

Line No.	Item	Amount	Reference
1	Calculation of Purchased Power Charge Adjustment Factor for April 2020 to June 2020		
2			
3	Estimated Total Cost of Purchased Power for April 2020	\$ 70,303,893.03	Attachment 3 L86+L89
4	Estimated Total Cost of Purchased Power for May 2020	\$ 60,953,244.25	Attachment 3 L86+L89
5	Estimated Total Cost of Purchased Power for June 2020	\$ 70,959,612.95	Attachment 3 L86+L89
6			
7			
8	Prior Period Purchased Power Reconciliation December 2019	\$ (4,660,838.21)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]DEC-2019 RECONCILIATION'!\$N\$34
9	Prior Period Purchased Power Reconciliation January 2020	\$ (11,240,502.68)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]JAN-2020 RECONCILIATION'!\$N\$34
10	Prior Period Purchased Power Reconciliation February 2020	\$ (4,179,111.59)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]FEB-2020 RECONCILIATION'!\$N\$34
11			
12			
13	Estimated Total Cost of Purchased Power	\$ 202,216,750.23	L3+L4+L5
14	Prior Period Reconciliation	\$ (20,080,452.48)	L8+L9+L10
15	Estimated Applicable Retail kWh Sales	4,000,873,800.24	Attachment 1 L19
16			
17	Purchased Power Adjustment for April 2020 to June 2020 (\$/kWh)	\$ 0.045524	(L13+L14)/L15

Attachment 3

Puerto Rico Electric Power Authority

Projected Fuel and Purchased Power Expenses for the Month

For the Months of April 2020 to June 2020

Line No.			April 2020	May 2020	June 2020
1	AGUIRRE	Residual	BBL (000s)	302	398
2			MBTU (000s)	1,900	2,506
3			\$ (000s)	18,370	25,131
4			HANDLING	121	159
5			TOTAL \$ (000s)	18,490	25,291
6			\$/BBL	61.32	63.59
7			\$/MBTU	9.73	10.09
8			GWh	195	259
9	COSTA SUR	Gas Natural	MCF	0	0
10			MBTU (000s)	0	0
11			Equivalent BBL (000s)	0	0
12			TOTAL \$ (000s)	0	0
13			\$/BBL	0.00	0.00
14			\$/MBTU	0.00	0.00
15			GWh	0	0
16	PALO SECO	Residual	BBL (000s)	310	296
17			MBTU (000s)	1,954	1,863
18			\$ (000s)	18,300	18,108
19			HANDLING	124	118
20			TOTAL \$ (000s)	18,424	18,227
21			\$/BBL	59.39	61.64
22			\$/MBTU	9.43	9.78
23			GWh	191	184
24	SAN JUAN	Residual	BBL (000s)	190	223
25			MBTU (000s)	1,197	1,404
26			\$ (000s)	11,231	13,647
27			HANDLING	76	89
28			TOTAL \$ (000s)	11,307	13,736
29			\$/BBL	59.50	61.64
30			\$/MBTU	9.44	9.78
31			GWh	113	133
32	CICLO COMBINADO AGUIRRE	Destilado	BBL (000s)	69	104
33			MBTU (000s)	399	605
34			\$ (000s)	4,901	7,556
35			HANDLING	28	42
36			TOTAL \$ (000s)	4,928	7,598
37			\$/BBL	71.65	72.88
38			\$/MBTU	12.35	12.56
39			GWh	34	52
40	TURBINAS DE COMBUSTION & MAYAGÜEZ	Destilado	BBL (000s)	189	311
41			MBTU (000s)	1,097	1,803
42			\$ (000s)	13,460	22,518
43			HANDLING	76	124
44			TOTAL \$ (000s)	13,536	22,642
45			\$/BBL	71.61	72.88
46			\$/MBTU	12.34	12.56
47			GWh	94	155
48	CAMBALACHE	Destilado	BBL (000s)	154	187
49			MBTU (000s)	894	1,085
50			\$ (000s)	10,984	13,547
51			HANDLING	62	75
52			TOTAL \$ (000s)	11,046	13,621
53			\$/BBL	71.73	72.88
54			\$/MBTU	12.36	12.56
55			GWh	72	89
56	REPOWERING SJ5&6	Destilado	BBL (000s)	61	0
57			MBTU (000s)	355	0
58			\$ (000s)	4,353	0
59			HANDLING	24	0
60			TOTAL \$ (000s)	4,378	0
61			\$/BBL	71.54	0.00
62			\$/MBTU	12.33	0.00
63			GWh	46	0
64	REPOWERING SJ5&6	Gas Natural	MCF	837,602	1,634,054
65			MBTUX1000	879	1,716
66			BBLX1000Equivalente	140	272
67			\$000 TOTAL	9,421	18,447
68			\$/BBL	67.48	67.74
69			\$/MBTU	10.71	10.75
70			GWh	110	219

Attachment 3

Puerto Rico Electric Power Authority

Projected Fuel and Purchased Power Expenses for the Month

For the Months of April 2020 to June 2020

Line No.			April 2020	May 2020	June 2020
71	SISTEMA TOTAL	SUB-TOTAL \$ (000s)	91,530	119,561	107,996
72		TOTAL \$ (000s)	91,530	119,561	107,996
73		Equivalent BBL (000s)	1,414	1,790	1,558
74		MBTU (000s)	8,675	10,981	9,547
75		\$/BBLEquivalente	64.72	66.78	69.30
76		\$/MBTU	10.55	10.89	11.31
77		GWh	855	1,091	957
78	HIDRO	GWh	2	5	6
79	TOTAL	GWh	857	1,097	963
80	COMPRA ENERGIA	EcoEléctrica	\$	33,881	33,249
81			\$/MWH	104.47	103.44
82			GWHR	324	321
83		AES	\$	29,363	22,019
84			\$/MWH	93.49	130.67
85			GWHR	314	169
86		Total Cogeneradores	\$	63,244	55,268
87			\$/MWH	99.07	112.81
88			GWHR	638	490
89	COMPRA ENERGIA RENOVABLE	Total Renovables	\$	7,060	5,685
90			\$/MWH	175.47	175.29
91			GWHR	40	32
	Total Sistema	GWHR	1,536	1,619	1,652

* En el caso de gas natural el costo por acarreo de combustible está incluido en el precio del combustible.

* La generación de las cogeneradoras y de los proyectos de energía renovable se presenta en valores netos.

,N 078-04479
Rev. 11/17



GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

12 de marzo de 2020

Efran Paredes Maisonet
Director de Planificación y Protección Ambiental

Nelson Morales
Director de Finanzas

CANTIDADES A INCLUIRSE EN LA FACTURACIÓN DE ABRIL A JUNIO 2020

A continuación, presentamos las cantidades a recobrar o devolver por concepto del ajuste de combustible y compra de energía para diciembre de 2019, y enero y febrero de 2020.

Recobro o (Devolución)

Mes	Total
AJUSTE DE COMBUSTIBLE	
Diciembre	\$20,125,928.77
Enero	52,421,927.23
Febrero	77,554,931.15
	\$150,102,787.15
COMPRA DE ENERGÍA	
Diciembre	\$(4,660,838.21)
Enero	(11,216,574.61)
Febrero	(4,179,111.59)
	\$(20,056,524.41)



Apartado 364267 San Juan, Puerto Rico 00936-4267

Somos un patrono con igualdad de oportunidades en el empleo y no discriminamos por razón de raza, color, sexo, edad, origen social o nacional, condición social afiliación política, ideas políticas o religiosas; por ser víctima o ser percibida(o) como víctima de violencia doméstica, agresión sexual o acoso, sin importar estado civil, orientación sexual, identidad de género o estatus migratorio; por impedimento físico, mental o ambos por condición de veterano(a) o por información genética.

Attachment 5**Puerto Rico Electric Power Authority****Subsidies Riders****For the Months of April 2020 to June 2020****Approved by PREB's Order of June 28, 2019 - Effective from July 1, 2019 to June 30, 2020**

Line No.	Item	Amount	Reference
1	Calculation of the Subsidies Riders		
2			
3	Estimated Total Cost of CILT for the months of July 2019 to June 2020	\$ 80,266,469.03	
4	Prior Period Reconciliation:	\$ 34,453,577.12	
5			
6	Estimated Retail kWh sales for July 2019 to June 2020	15,831,930,385.85	
7			
8			
9			
10	Applicable Retail Sales kWh Sales	15,831,930,385.85	L6
11			
12	Contribution in Lieu of Taxes Adjustment (CILTA) for April 2020 to June 2020 (\$/kWh)	\$ 0.007246	(L3+L4)/L10
13			
14			
15	Estimated Total Cost of Subsidies - Help to Humans for the months April 2020 to June 2020	\$ 219,380,268.73	
16	Prior Period Reconciliation:	\$ (22,835,638.00)	
17			
18	Subsidies - Help to Humans Adjustment (SUBA-HH) April 2020 to June 2020 (\$/kWh)	\$ 0.012414	(L15+L16)/L10
19			
20			
21	Estimated Total Cost of Subsidies - Non Help to Humans for the months April 2020 to June 2020	\$ 8,054,973.68	
22	Prior Period Reconciliation:	\$ 6,523,022.45	
23			
24	Subsidies - Non Help to Humans Adjustment (SUBA-NHH) April 2020 to June 2020 (\$/kWh)	\$ 0.000921	(L21+L22)/L10

Attachment 6

Puerto Rico Electric Power Authority

Bill Impacts

For the Months of April 2020 to June 2020

Voltage Level	January 2020 - March 2020			April 2020 - June 2020		
	Fuel Adjustment Factors	Purchased Power Adjustment Factors	Total	Fuel Adjustment Factors	Purchased Power Adjustment Factors	Total
	\$/kWh			\$/kWh		
Secondary Distribution	0.104144	0.045942	0.150086	0.117272	0.045524	0.162796
Primary Distribution	0.104144	0.045942	0.150086	0.117272	0.045524	0.162796
Transmission	0.104144	0.045942	0.150086	0.117272	0.045524	0.162796
Bus Bar	0.104144	0.045942	0.150086	0.117272	0.045524	0.162796

CILT-Municipalities			0.007246			0.007246
Subsidies - Help to Humans			0.012414			0.012414
Subsidies - Non Help to Humans			0.000921			0.000921
True-Up Provisional Rate			-0.007771			-0.007771

Determined by PREB's Order of June 28, 2019
Effective from July 1, 2019 to June 30, 2020

		January 2020 - March 2020		April 2020 - June 2020		Difference		
Rate and Voltage Level	Energy Consumption (kWh)	\$	\$/kWh	\$	\$/kWh	Bill (\$)	\$/kWh	
GRS - Residential	800	\$ 176.20	\$ 0.2203	\$ 186.37	\$ 0.2330	\$ 10.17	\$ 0.0127	5.8%
GSS - Secondary Small Commercial, Industrial	1,200	\$ 301.87	\$ 0.2516	\$ 317.13	\$ 0.2643	\$ 15.26	\$ 0.0127	5.1%
GSP - Primary Medium Commercial, Industrial 250 kVA	91,800	\$ 21,263.57	\$ 0.2316	\$ 22,430.34	\$ 0.2443	\$ 1,166.77	\$ 0.0127	5.5%
GST - Transmission Large Commercial, Industrial 1,500 kVA	550,800	\$ 121,154.18	\$ 0.2200	\$ 128,154.85	\$ 0.2327	\$ 7,000.67	\$ 0.0127	5.8%

Attachment 1
Puerto Rico Electric Power Authority
Fuel Charge Adjustment Factor
For the Months of April 2020 to June 2020

Line No.	Item	Amount	Reference
1	Calculation of Fuel Charge Adjustment Factor for April 2020 to June 2020		
2			
3	Estimated Total Cost of Fuel for April 2020	\$ 91,529,920.87	Attachment 3 L72
4	Estimated Total Cost of Fuel for May 2020	\$ 119,561,214.62	Attachment 3 L72
5	Estimated Total Cost of Fuel for June 2020	\$ 107,996,247.99	Attachment 3 L72
6			
7			
8	Prior Period Fuel Reconciliation December 2019	\$ 20,125,928.77	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]DEC-2019 RECONCILIATION'!\$F\$29
9	Prior Period Fuel Reconciliation January 2020	\$ 8,808,961.31	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]JAN-2020 RECONCILIATION'!\$F\$29-C37
10	Prior Period Fuel Reconciliation February 2020	\$ 44,549,390.47	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]FEB-2020 RECONCILIATION'!\$F\$29-C38
11			
12	Estimated Retail kWh sales for April 2020	1,259,196,602.86	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$C\$10*10^6
13	Estimated Retail kWh sales for May 2020	1,357,629,302.86	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$D\$10*10^6
14	Estimated Retail kWh sales for June 2020	1,384,047,894.51	Estimado de consumo generación y dmax trimestre de abril mayo y junio (REV11feb2020).xlsx]Sheet1'!\$E\$10*10^6
15			
16			
17	Estimated Total Cost of Fuel	\$ 319,087,383.47	L3+L4+L5
18	Prior Period Reconciliation	\$ 73,484,280.54	L8+L9+L10
19	Estimated Applicable Retail kWh Sales	4,000,873,800.24	L12+L13+L14
20			
21	Fuel Charge Adjustment for April 2020 to June 2020 (\$/kWh)	\$ 0.098121	(L17+L18)/L19
22			
23			
24	Estimated Total Barrels of Oil for Fuel Oil Subsidy Factor	4,082,940.81	Attachment 3 L73-L11-L66
25			
26	Fuel Oil Subsidy Factor for \$30/barrel (\$/kWh)	\$ 0.030615	(30*L24)/L19
	Cost Differential - possible FEMA/Insurance Reimbursement for January	\$ 43,612,965.92	
	Cost Differential - possible FEMA/Insurance Reimbursement for February	\$ 33,005,540.68	

Attachment 2**Puerto Rico Electric Power Authority
Purchased Power Charge Adjustment Factor
For the Months of April 2020 to June 2020**

Line No.	Item	Amount	Reference
1	Calculation of Purchased Power Charge Adjustment Factor for April 2020 to June 2020		
2			
3	Estimated Total Cost of Purchased Power for April 2020	\$ 70,303,893.03	Attachment 3 L86+L89
4	Estimated Total Cost of Purchased Power for May 2020	\$ 60,953,244.25	Attachment 3 L86+L89
5	Estimated Total Cost of Purchased Power for June 2020	\$ 70,959,612.95	Attachment 3 L86+L89
6			
7			
8	Prior Period Purchased Power Reconciliation December 2019	\$ (4,660,838.21)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]DEC-2019 RECONCILIATION'!\$N\$34
9	Prior Period Purchased Power Reconciliation January 2020	\$ (11,240,502.68)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]JAN-2020 RECONCILIATION'!\$N\$34
10	Prior Period Purchased Power Reconciliation February 2020	\$ (4,179,111.59)	QUARTER RECONCILIATION FILE DEC19-JAN-FEB20.xlsx]FEB-2020 RECONCILIATION'!\$N\$34
11			
12			
13	Estimated Total Cost of Purchased Power	\$ 202,216,750.23	L3+L4+L5
14	Prior Period Reconciliation	\$ (20,080,452.48)	L8+L9+L10
15	Estimated Applicable Retail kWh Sales	4,000,873,800.24	Attachment 1 L19
16			
17	Purchased Power Adjustment for April 2020 to June 2020 (\$/kWh)	\$ 0.045524	(L13+L14)/L15

Attachment 3

Puerto Rico Electric Power Authority

Projected Fuel and Purchased Power Expenses for the Month

For the Months of April 2020 to June 2020

Line No.			April 2020	May 2020	June 2020
1	AGUIRRE	Residual	BBL (000s)	302	398
2			MBTU (000s)	1,900	2,506
3			\$ (000s)	18,370	25,131
4			HANDLING	121	159
5			TOTAL \$ (000s)	18,490	25,291
6			\$/BBL	61.32	63.59
7			\$/MBTU	9.73	10.09
8			GWh	195	259
9	COSTA SUR	Gas Natural	MCF	0	0
10			MBTU (000s)	0	0
11			Equivalent BBL (000s)	0	0
12			TOTAL \$ (000s)	0	0
13			\$/BBL	0.00	0.00
14			\$/MBTU	0.00	0.00
15			GWh	0	0
16	PALO SECO	Residual	BBL (000s)	310	296
17			MBTU (000s)	1,954	1,863
18			\$ (000s)	18,300	18,108
19			HANDLING	124	118
20			TOTAL \$ (000s)	18,424	18,227
21			\$/BBL	59.39	61.64
22			\$/MBTU	9.43	9.78
23			GWh	191	184
24	SAN JUAN	Residual	BBL (000s)	190	223
25			MBTU (000s)	1,197	1,404
26			\$ (000s)	11,231	13,647
27			HANDLING	76	89
28			TOTAL \$ (000s)	11,307	13,736
29			\$/BBL	59.50	61.64
30			\$/MBTU	9.44	9.78
31			GWh	113	133
32	CICLO COMBINADO AGUIRRE	Destilado	BBL (000s)	69	104
33			MBTU (000s)	399	605
34			\$ (000s)	4,901	7,556
35			HANDLING	28	42
36			TOTAL \$ (000s)	4,928	7,598
37			\$/BBL	71.65	72.88
38			\$/MBTU	12.35	12.56
39			GWh	34	52
40	TURBINAS DE COMBUSTION & MAYAGÜEZ	Destilado	BBL (000s)	189	311
41			MBTU (000s)	1,097	1,803
42			\$ (000s)	13,460	22,518
43			HANDLING	76	124
44			TOTAL \$ (000s)	13,536	22,642
45			\$/BBL	71.61	72.88
46			\$/MBTU	12.34	12.56
47			GWh	94	155
48	CAMBALACHE	Destilado	BBL (000s)	154	187
49			MBTU (000s)	894	1,085
50			\$ (000s)	10,984	13,547
51			HANDLING	62	75
52			TOTAL \$ (000s)	11,046	13,621
53			\$/BBL	71.73	72.88
54			\$/MBTU	12.36	12.56
55			GWh	72	89
56	REPOWERING SJ5&6	Destilado	BBL (000s)	61	0
57			MBTU (000s)	355	0
58			\$ (000s)	4,353	0
59			HANDLING	24	0
60			TOTAL \$ (000s)	4,378	0
61			\$/BBL	71.54	0.00
62			\$/MBTU	12.33	0.00
63			GWh	46	0
64	REPOWERING SJ5&6	Gas Natural	MCF	837,602	1,634,054
65			MBTUX1000	879	1,716
66			BBLX1000Equivalente	140	272
67			\$000 TOTAL	9,421	18,447
68			\$/BBL	67.48	67.74
69			\$/MBTU	10.71	10.75
70			GWh	110	219

Attachment 3

Puerto Rico Electric Power Authority

Projected Fuel and Purchased Power Expenses for the Month

For the Months of April 2020 to June 2020

Line No.			April 2020	May 2020	June 2020
71	SISTEMA TOTAL	SUB-TOTAL \$ (000s)	91,530	119,561	107,996
72		TOTAL \$ (000s)	91,530	119,561	107,996
73		Equivalent BBL (000s)	1,414	1,790	1,558
74		MBTU (000s)	8,675	10,981	9,547
75		\$/BBLEquivalente	64.72	66.78	69.30
76		\$/MBTU	10.55	10.89	11.31
77		GWh	855	1,091	957
78	HIDRO	GWh	2	5	6
79	TOTAL	GWh	857	1,097	963
80	COMPRA ENERGIA	EcoEléctrica	\$	33,881	33,249
81			\$/MWH	104.47	103.44
82			GWHR	324	321
83		AES	\$	29,363	22,019
84			\$/MWH	93.49	130.67
85			GWHR	314	169
86		Total Cogeneradores	\$	63,244	55,268
87			\$/MWH	99.07	112.81
88			GWHR	638	490
89	COMPRA ENERGIA RENOVABLE	Total Renovables	\$	7,060	5,685
90			\$/MWH	175.47	175.29
91			GWHR	40	32
	Total Sistema	GWHR	1,536	1,619	1,652

* En el caso de gas natural el costo por acarreo de combustible está incluido en el precio del combustible.

* La generación de las cogeneradoras y de los proyectos de energía renovable se presenta en valores netos.

,N 078-04479
Rev. 11/17



GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

12 de marzo de 2020

Efran Paredes Maisonet
Director de Planificación y Protección Ambiental

Nelson Morales
Director de Finanzas

CANTIDADES A INCLUIRSE EN LA FACTURACIÓN DE ABRIL A JUNIO 2020

A continuación, presentamos las cantidades a recobrar o devolver por concepto del ajuste de combustible y compra de energía para diciembre de 2019, y enero y febrero de 2020.

Recobro o (Devolución)

Mes	Total
AJUSTE DE COMBUSTIBLE	
Diciembre	\$20,125,928.77
Enero	52,421,927.23
Febrero	77,554,931.15
	\$150,102,787.15
COMPRA DE ENERGÍA	
Diciembre	\$(4,660,838.21)
Enero	(11,216,574.61)
Febrero	(4,179,111.59)
	\$(20,056,524.41)



Apartado 364267 San Juan, Puerto Rico 00936-4267

Somos un patrono con igualdad de oportunidades en el empleo y no discriminamos por razón de raza, color, sexo, edad, origen social o nacional, condición social afiliación política, ideas políticas o religiosas; por ser víctima o ser percibida(o) como víctima de violencia doméstica, agresión sexual o acoso, sin importar estado civil, orientación sexual, identidad de género o estatus migratorio; por impedimento físico, mental o ambos por condición de veterano(a) o por información genética.

Attachment 5**Puerto Rico Electric Power Authority****Subsidies Riders****For the Months of April 2020 to June 2020****Approved by PREB's Order of June 28, 2019 - Effective from July 1, 2019 to June 30, 2020**

Line No.	Item	Amount	Reference
1	Calculation of the Subsidies Riders		
2			
3	Estimated Total Cost of CILT for the months of July 2019 to June 2020	\$ 80,266,469.03	
4	Prior Period Reconciliation:	\$ 34,453,577.12	
5			
6	Estimated Retail kWh sales for July 2019 to June 2020	15,831,930,385.85	
7			
8			
9			
10	Applicable Retail Sales kWh Sales	15,831,930,385.85	L6
11			
12	Contribution in Lieu of Taxes Adjustment (CILTA) for April 2020 to June 2020 (\$/kWh)	\$ 0.007246	(L3+L4)/L10
13			
14			
15	Estimated Total Cost of Subsidies - Help to Humans for the months April 2020 to June 2020	\$ 219,380,268.73	
16	Prior Period Reconciliation:	\$ (22,835,638.00)	
17			
18	Subsidies - Help to Humans Adjustment (SUBA-HH) April 2020 to June 2020 (\$/kWh)	\$ 0.012414	(L15+L16)/L10
19			
20			
21	Estimated Total Cost of Subsidies - Non Help to Humans for the months April 2020 to June 2020	\$ 8,054,973.68	
22	Prior Period Reconciliation:	\$ 6,523,022.45	
23			
24	Subsidies - Non Help to Humans Adjustment (SUBA-NHH) April 2020 to June 2020 (\$/kWh)	\$ 0.000921	(L21+L22)/L10

Attachment 6

Puerto Rico Electric Power Authority

Bill Impacts

For the Months of April 2020 to June 2020

Voltage Level	January 2020 - March 2020			April 2020 - June 2020		
	Fuel Adjustment Factors	Purchased Power Adjustment Factors	Total	Fuel Adjustment Factors	Purchased Power Adjustment Factors	Total
	\$/kWh			\$/kWh		
Secondary Distribution	0.104144	0.045942	0.150086	0.098121	0.045524	0.143645
Primary Distribution	0.104144	0.045942	0.150086	0.098121	0.045524	0.143645
Transmission	0.104144	0.045942	0.150086	0.098121	0.045524	0.143645
Bus Bar	0.104144	0.045942	0.150086	0.098121	0.045524	0.143645

CILT-Municipalities			0.007246			0.007246
Subsidies - Help to Humans			0.012414			0.012414
Subsidies - Non Help to Humans			0.000921			0.000921
True-Up Provisional Rate			-0.007771			-0.007771

Determined by PREB's Order of June 28, 2019
Effective from July 1, 2019 to June 30, 2020

		January 2020 - March 2020		April 2020 - June 2020		Difference		
Rate and Voltage Level	Energy Consumption (kWh)	\$	\$/kWh	\$	\$/kWh	Bill (\$)	\$/kWh	
GRS - Residential	800	\$ 176.20	\$ 0.2203	\$ 171.05	\$ 0.2138	\$ (5.15)	\$ (0.0064)	-2.9%
GSS - Secondary Small Commercial, Industrial	1,200	\$ 301.87	\$ 0.2516	\$ 294.15	\$ 0.2451	\$ (7.72)	\$ (0.0064)	-2.6%
GSP - Primary Medium Commercial, Industrial 250 kVA	91,800	\$ 21,263.57	\$ 0.2316	\$ 20,672.28	\$ 0.2252	\$ (591.29)	\$ (0.0064)	-2.8%
GST - Transmission Large Commercial, Industrial 1,500 kVA	550,800	\$ 121,154.18	\$ 0.2200	\$ 117,606.48	\$ 0.2135	\$ (3,547.70)	\$ (0.0064)	-2.9%

Revisión Proyección cuarto trimestre año Fiscal 2020

	abril	mayo	junio
Residencial	481.5	519.1	529.2
Comercial	589.2	635.3	647.6
Industrial	158.7	171.1	174.4
AP	24.5	26.4	26.9
Agrícola	2.0	2.2	2.2
Otras	3.3	3.6	3.7
Total	1,259.2	1,357.6	1,384.0
Gen	1,546.1	1,641.8	1,664.8
Gen Neta	1,491.2	1,583.4	1,605.6
DMAX	2,503.7	2,691.1	2,728.8
	0.8144	0.8269	0.8314

Gen bruta a 12 meses a 18748901963

Gen neta a 12 meses a c 18082778082

0.964471312

Distribución Ventas por Clase de Servicio

Datos - gen y consumo preliminar a enero

Clase de Servicio	jul-ene 2020	jul - ene 2019	% de cambio	jul-ene 2017	% de cambio
Residencial	3,831.4	3,743.4	2.35	3,902.9	-1.83
Comercial	4,528.4	4,522.3	0.13	4,820.6	-6.06
Industrial	1,181.8	1,220.4	-3.16	1,289.5	-8.35
Alumbrado Público	190.9	181.8	4.98	190.5	0.21
Agrícola	15.1	15.1	-0.06	15.6	-3.12
Otras Autoridades	25.8	23.5	9.56	20.6	25.03
Total	9,773.3	9,706.5	0.69	10,239.6	-4.55
Generación	11,263.2	10,903.4	3.30	#####	-6.77
Demana Máxima	2,866	2,771	3.43	2,810	1.98
Eficiencia*:	0.8677	0.8902		0.8476	

Plan Fiscal	abril	mayo	junio	Varianza	abril
Residencial	430.4	482.2	498.9	Residencial	11.9
Comercial	627.8	661.7	666.3	Comercial	-6.1
Industrial	171.3	187.8	180.3	Industrial	-7.4
AP	25.3	27.2	25.4	AP	-3.4
Agrícola	2.1	2.0	2.0	Agrícola	-5.2
Otras	2.5	3.2	3.2	Otras	31.8
Total	1,259.5	1,364.1	1,376.2	Total	0.0
Gen	1,465.7	1,582.4	1,595.9	Gen	5.5
Gen Neta	1,413.6	1,526.1	1,539.2	Gen Neta	5.5
DMAX	2,496.5	2,621.6	2,738.0	DMAX	0.3
	0.8593	0.8621	0.8623		

Año Fiscal 2019	Estimado Extrapolación	% cambio con 2019	Año Fiscal 2017	% cambio con Estimado 2020	Plan Fiscal	% cambio con Estimado 2020
6,074.5	6,281.5	3.41	6,392.3	-1.73	5,636.8	11.44
7,535.4	7,526.8	-0.11	8,036.7	-6.34	7,792.8	-3.41
2,069.9	1,989.4	-3.89	2,187.5	-9.06	2,026.9	-1.85
304.2	315.4	3.70	318.9	-1.11	315.9	-0.15
25.6	25.2	-1.43	25.8	-2.34	24.3	3.92
40.3	42.7	5.83	34.5	23.64	35.3	20.93
16,049.8	16,181.0	0.82	16,995.8	-4.79	15,831.9	2.20
18,430.6	19,022.9	3.21	20,199.9	-5.83	#####	3.44
2,771	2,866	3.43	2,810	1.98	2,809	2.02
0.8708	0.8506		0.8414		0.8609	

mayo	junio
7.7	6.1
-4.0	-2.8
-8.9	-3.3
-3.0	5.9
8.7	8.0
10.9	15.2
-0.5	0.6

3.8	4.3
3.8	4.3
2.7	-0.3

% cambio con FY 2019
7.77
-3.30
2.12
-3.72
5.43
14.27
1.38
0.22
(1.36)

EXHIBIT C

Public lighting repair report

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE ARECIBO
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
ARECIBO	Arecibo *	15,869	3,532	3417	96.7
MANATI	Barceloneta *	3,180	845	826	97.8
	Ciales	3,542	1,094	1092	99.8
	Manatí	6,382	1,640	1559	95.1
	Florida	2,024	611	610	99.8
	Morovis	4,528	1,025	938	91.5
QUEBRADILLAS	Quebradillas	3,811	1,300	1071	82.4
	Hatillo	6,090	1,278	1242	97.2
	Isabela	8,156	1,712	1354	79.1
	Camuy	5,503	1,358	1322	97.3
UTUADO	Utua	4,973	2,044	1855	90.8
	Adjuntas	3,554	1,346	1184	88.0
	Jayuya	2,487	1,025	982	95.8
TOTALES REG		70,099	18810	17452	92.8%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE BAYAMÓN
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
COROZAL	Corozal	5,267	1,843	611	33.15
	Naranjito	3,131	1,095	367	33.52
	Toa Alta	7,542	2,724	949	34.84
BAYAMÓN	Bayamón *	8,255	11,970	11,970	100.00
TOA BAJA	Cataño *	2,895	1,055	1,055	100.00
	Toa Baja *	8,975	6,225	6,225	100.00
VEGA BAJA	Vega Baja	7,963	6,768	3,934	58.13
	Vega Alta	5,629	4,784	2,390	49.96
	Dorado	5,498	4,673	3,047	65.20
	TOTALES REG	55,155	41,137	30548	74.3

*

*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE CAGUAS
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAGUAS	Caguas	18,321	9,753	6750	69.2
	Gurabo	6,282	3,542	1570	44.3
	Juncos	5,361	2,574	1492	58.0
	San Lorenzo	5,422	3,263	1450	44.4
CAYEY	Cayey	6,608	1,322	898	67.9
	Cidra	5,485	1,097	1035	94.3
	Aguas Buenas	3,977	795	718	90.3
HUMACAO	Humacao	8,729	4,100	4000	97.6
	Yabucoa	5,485	3,300	3020	91.5
	Las Piedras	5,431	2,600	2590	99.6
	Naguabo	4,740	2,900	2802	96.6
BARRANQUITAS	Barranquitas	2,829	1,414	1,375	97.2
	Comerio	2,223	1,022	995	97.4
	Aibonito	2,942	1,323	1285	97.1
	Coamo(2 Barrios)	444	145	135	93.1
	Orocovis	1,816	944	898	95.1
	TOTALES	86,095	40,094	31013	77.4%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA

REGION DE CAROLINA

FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAROLINA	Carolina	13,500	4,000	3806	95.2%
CANÓVANAS	Canóvanas	5,167	3,100	3051	98.4%
	Río Grande	6,205	4,033	3940	97.7%
	Loíza	2,512	1,628	1625	99.8%
FAJARDO	Fajardo	5,789	2,300	2300	100.0%
	Ceiba	2,667	1,100	1100	100.0%
	Luquillo	3,077	1,200	1200	100.0%
	Vieques	2,093	500	500	100.0%
	Culebra	479	400	400	100.0%
TOTALES		41,489	18,261	17,922	98.1%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE PONCE
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT. LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
GUAYAMA	Guayama	8,192	2,500	2,200	88.0%
	Arroyo	2,994	900	802	89.1%
	Patillas	3,720	1,000	955	95.5%
	Maunabo	2,305	1,000	702	70.2%
SANTA ISABEL	Santa Isabel	3,826	750	591	78.8%
	Salinas	6,425	950	900	94.7%
	Coamo	5,965	900	875	97.2%
PONCE	Ponce	21,575	3,800	3,350	88.2%
	Juana Díaz	6,402	1,300	1,097	84.4%
	Villalba	2,717	850	755	88.8%
YAUCO	Yauco	6,754	700	670	95.7%
	Peñuelas	2,790	525	492	93.7%
	Guayanilla	2,584	455	367	80.7%
	Guánica *	3,304	500	462	92.4%
TOTALES		79,553	16,130	14,218	88.1%

*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE MAYAGÜEZ
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS	% REPARADO
SAN SEBASTIAN	San Sebastián	6,050	2,420	2420	100.0%
	Lares	2,908	1,163	1163	100.0%
	Las Marías	1,559	624	624	100.0%
SAN GERMAN	San Germán	8,269	1,296	1296	100.0%
	Cabo Rojo	9,985	1,505	1505	100.0%
	Hormigueros	3,495	725	725	100.0%
	Sabana Grande	4,505	845	845	100.0%
	Lajas	5,896	995	995	100.0%
AGUADILLA	Aguada	6,744	1,359	1359	100.0%
	Aguadilla	7,520	1,785	1785	100.0%
	Moca	7,097	1,561	1561	100.0%
	Rincón	3,541	779	779	100.0%
MAYAGUEZ	Mayagüez	22,259	9,025	7056	78.2%
	Añasco	4,183	1,673	1542	92.2%
	Maricao	2,035	1,017	756	74.3%
TOTALES		96,046	26,772	24,411	91.2%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE SAN JUAN
FECHA INFORME: 12-23-2019

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
RIO PIEDRAS / MONACILLOS / GUAYNABO	San Juan	36,031	9,208	5940	64.51%
GUAYNABO	Guaynabo	10,917	3,587	2085	58.13%
MONACILLOS	Trujillo Alto	8,195	2,830	2750	97.17%
	TOTALES	55,143	15,625	10775	69.0

La Técnica de Guaynabo no realizó trabajos de luminarias por el alto volumen de notas de servicio.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGIONAL
FECHA INFORME: 12-23-2019

REGION	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	CANTIDAD DE LUMINARIAS REPARADAS (INFORMES)	% REPARADO	CANTIDAD DE LUMINARIAS SIN REPARAR	% Activo
Arecibo *	70,099.00	18,810.00	17,452.00	92.8%	1,358	98.1%
Bayamón *	55,155.00	41,137.00	30,548.00	74.3%	10,589	80.8%
Caguas	86,095.00	40,094.00	31,013.00	77.4%	9,081	89.5%
Carolina	41,489.00	18,261.00	17,922.00	98.1%	339	99.2%
Ponce *	79,553.00	16,130.00	14,218.00	88.1%	1,912	97.6%
Mayagüez	96,046.00	26,772.00	24,411.00	91.2%	2,361	97.5%
San Juan	55,143.00	15,625.00	10,775.00	69.0%	4,850	91.2%
TOTALES	483,580.00	176,829.00	146,339.00	82.8%	30,490	93.7%

0.936949419

*** Se adicionaron luminarias afectadas al informe de daños original según las áreas inspeccionadas y trabajadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE ARECIBO
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
ARECIBO	Arecibo *	15,869	3,532	3458	97.9
MANATI	Barceloneta *	3,180	845	826	97.8
	Ciales	3,542	1,094	1093	99.9
	Manatí	6,382	1,640	1583	96.5
	Florida	2,024	611	610	99.8
	Morovis	4,528	1,025	991	96.7
QUEBRADILLAS	Quebradillas	3,811	1,300	1091	83.9
	Hatillo	6,090	1,278	1257	98.4
	Isabela	8,156	1,712	1405	82.1
	Camuy	5,503	1,358	1334	98.2
UTUADO	Utua	4,973	2,044	1855	90.8
	Adjuntas	3,554	1,346	1201	89.2
	Jayuya	2,487	1,025	982	95.8
TOTALES REG		70,099	18810	17686	94.0%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE BAYAMÓN
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
COROZAL	Corozal	5,267	1,843	611	33.15
	Naranjito	3,131	1,095	367	33.52
	Toa Alta	7,542	2,724	949	34.84
BAYAMÓN	Bayamón *	8,255	11,970	12,198	101.90
TOA BAJA	Cataño *	2,895	1,055	1,055	100.00
	Toa Baja *	8,975	6,225	6,225	100.00
VEGA BAJA	Vega Baja	7,963	6,768	3,944	58.27
	Vega Alta	5,629	4,784	2,390	49.96
	Dorado	5,498	4,673	3,097	66.27
	TOTALES REG	55,155	41,137	30836	75.0

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*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE CAGUAS
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAGUAS	Caguas	18,321	9,753	6865	70.4
	Gurabo	6,282	3,542	1590	44.9
	Juncos	5,361	2,574	1535	59.6
	San Lorenzo	5,422	3,263	1560	47.8
CAYEY	Cayey	6,608	1,322	943	71.3
	Cidra	5,485	1,097	1035	94.3
	Aguas Buenas	3,977	795	725	91.2
HUMACAO	Humacao	8,729	4,100	4025	98.2
	Yabucoa	5,485	3,300	3045	92.3
	Las Piedras	5,431	2,600	2590	99.6
	Naguabo	4,740	2,900	2820	97.2
BARRANQUITAS	Barranquitas	2,829	1,414	1,382	97.7
	Comerio	2,223	1,022	995	97.4
	Aibonito	2,942	1,323	1295	97.9
	Coamo(2 Barrios)	444	145	140	96.6
	Orocovis	1,816	944	905	95.9
	TOTALES	86,095	40,094	31450	78.4%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE CAROLINA
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAROLINA	Carolina	13,500	4,000	3810	95.3%
CANÓVANAS	Canóvanas	5,167	3,100	3051	98.4%
	Río Grande	6,205	4,033	3940	97.7%
	Loíza	2,512	1,628	1625	99.8%
FAJARDO	Fajardo	5,789	2,300	2300	100.0%
	Ceiba	2,667	1,100	1100	100.0%
	Luquillo	3,077	1,200	1200	100.0%
	Vieques	2,093	500	500	100.0%
	Culebra	479	400	400	100.0%
TOTALES		41,489	18,261	17,926	98.2%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE PONCE
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT. LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
GUAYAMA	Guayama	8,192	2,500	2,253	90.1%
	Arroyo	2,994	900	862	95.8%
	Patillas *	3,720	2,000	1,320	66.0%
	Maunabo	2,305	1,000	702	70.2%
SANTA ISABEL	Santa Isabel *	3,826	1,000	619	61.9%
	Salinas *	6,425	1,200	951	79.3%
	Coamo *	5,965	1,200	914	76.2%
PONCE	Ponce	21,575	3,800	3,501	92.1%
	Juana Díaz	6,402	1,300	1,178	90.6%
	Villalba	2,717	850	790	92.9%
YAUCO	Yauco	6,754	700	670	95.7%
	Peñuelas	2,790	525	492	93.7%
	Guayanilla	2,584	455	367	80.7%
	Guánica	3,304	500	462	92.4%
TOTALES		79,553	17,930	15,081	84.1%

*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE MAYAGÜEZ
FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS	% REPARADO
SAN SEBASTIAN	San Sebastián	6,050	2,420	2420	100.0%
	Lares	2,908	1,163	1163	100.0%
	Las Marías	1,559	624	624	100.0%
SAN GERMAN	San Germán	8,269	1,296	1296	100.0%
	Cabo Rojo	9,985	1,505	1505	100.0%
	Hormigueros	3,495	725	725	100.0%
	Sabana Grande	4,505	845	845	100.0%
	Lajas	5,896	995	995	100.0%
AGUADILLA	Aguada	6,744	1,359	1359	100.0%
	Aguadilla	7,520	1,785	1785	100.0%
	Moca	7,097	1,561	1561	100.0%
	Rincón	3,541	779	779	100.0%
MAYAGUEZ	Mayagüez	22,259	9,025	7056	78.2%
	Añasco	4,183	1,673	1552	92.8%
	Maricao	2,035	1,017	766	75.3%
TOTALES		96,046	26,772	24,431	91.3%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA

REGION DE SAN JUAN

FECHA INFORME: 1-22-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
RIO PIEDRAS / MONACILLOS / GUAYNABO	San Juan	36,031	9,208	5940	64.51%
GUAYNABO	Guaynabo	10,917	3,587	2085	58.13%
MONACILLOS	Trujillo Alto	8,195	2,830	2750	97.17%
	TOTALES	55,143	15,625	10775	69.0

Durante este mes no se realizaron trabajos de alumbrado por averias y emergencia.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA

REGIONAL

FECHA INFORME: 1-22-2020

REGION	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	CANTIDAD DE LUMINARIAS REPARADAS (INFORMES)	% REPARADO	CANTIDAD DE LUMINARIAS SIN REPARAR	% Activo
Arecibo	70,099.00	18,810.00	17,686.00	94.0%	1,124	98.4%
Bayamón	55,155.00	41,137.00	30,836.00	75.0%	10,301	81.3%
Caguas	86,095.00	40,094.00	31,450.00	78.4%	8,644	90.0%
Carolina	41,489.00	18,261.00	17,926.00	98.2%	335	99.2%
Ponce *	79,553.00	17,930.00	15,081.00	84.1%	2,849	96.4%
Mayagüez	96,046.00	26,772.00	24,431.00	91.3%	2,341	97.6%
San Juan	55,143.00	15,625.00	10,775.00	69.0%	4,850	91.2%
TOTALES	483,580.00	178,629.00	148,185.00	83.0%	30,444	93.7%

0.937044543

* Se adicionaron luminarias afectadas al informe de daños original según las áreas inspeccionadas y trabajadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE ARECIBO
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
ARECIBO	Arecibo *	15,869	3,592	3565	99.2
MANATI	Barceloneta *	3,180	845	835	98.8
	Ciales *	3,542	1,094	1093	99.9
	Manatí*	6,382	1,640	1630	99.4
	Florida *	2,024	611	610	99.8
	Morovis *	4,528	1,125	1053	93.6
QUEBRADILLAS	Quebradillas	3,811	1,350	1152	85.3
	Hatillo *	6,090	1,325	1293	97.6
	Isabela *	8,156	1,815	1585	87.3
	Camuy *	5,503	1,415	1399	98.9
UTUADO	Utua	4,973	2,044	1855	90.8
	Adjuntas	3,554	1,346	1201	89.2
	Jayuya *	2,487	1,025	982	95.8
TOTALES REG		70,099	19227	18253	94.9%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE BAYAMÓN
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
COROZAL	Corozal	5,267	1,843	611	33.15
	Naranjito	3,131	1,095	367	33.52
	Toa Alta	7,542	2,724	949	34.84
BAYAMÓN	Bayamón *	8,255	11,970	12,198	101.90
TOA BAJA	Cataño *	2,895	1,055	1,055	100.00
	Toa Baja *	8,975	6,225	6,225	100.00
VEGA BAJA	Vega Baja	7,963	6,768	3,944	58.27
	Vega Alta	5,629	4,784	2,390	49.96
	Dorado	5,498	4,673	3,097	66.27
	TOTALES REG	55,155	41,137	30836	75.0

*

*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE CAGUAS
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAGUAS	Caguas	18,321	9,753	6923	71.0
	Gurabo	6,282	3,542	1825	51.5
	Juncos	5,361	2,574	1573	61.1
	San Lorenzo	5,422	3,263	1785	54.7
CAYEY	Cayey	6,608	1,322	975	73.8
	Cidra	5,485	1,097	1035	94.3
	Aguas Buenas	3,977	795	725	91.2
HUMACAO	Humacao	8,729	4,100	4025	98.2
	Yabucoa	5,485	3,300	3100	93.9
	Las Piedras	5,431	2,600	2590	99.6
	Naguabo	4,740	2,900	2850	98.3
BARRANQUITAS	Barranquitas	2,829	1,414	1,394	98.6
	Comerío	2,223	1,022	1005	98.3
	Aibonito	2,942	1,323	1302	98.4
	Coamo(2 Barrios)	444	145	140	96.6
	Orocovis	1,816	944	915	96.9
	TOTALES	86,095	40,094	32162	80.2%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA

REGION DE CAROLINA

FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
CAROLINA	Carolina	13,500	4,000	3825	95.6%
CANÓVANAS	Canóvanas	5,167	3,100	3051	98.4%
	Río Grande	6,205	4,033	3940	97.7%
	Loíza	2,512	1,628	1625	99.8%
FAJARDO	Fajardo	5,789	2,300	2300	100.0%
	Ceiba	2,667	1,100	1100	100.0%
	Luquillo	3,077	1,200	1200	100.0%
	Vieques	2,093	500	500	100.0%
	Culebra	479	400	400	100.0%
TOTALES		41,489	18,261	17,941	98.2%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE PONCE
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT. LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
GUAYAMA	Guayama	8,192	2,500	2,343	93.7%
	Arroyo	2,994	1,500	962	64.1%
	Patillas *	3,720	2,000	1,368	68.4%
	Maunabo	2,305	1,000	750	75.0%
SANTA ISABEL	Santa Isabel *	3,826	1,000	659	65.9%
	Salinas *	6,425	1,200	991	82.6%
	Coamo *	5,965	1,200	964	80.3%
PONCE	Ponce	21,575	3,800	3,627	95.4%
	Juana Díaz	6,402	1,300	1,215	93.5%
	Villalba	2,717	850	811	95.4%
YAUCO	Yauco	6,754	700	695	99.3%
	Peñuelas	2,790	570	547	96.0%
	Guayanilla	2,584	455	400	87.9%
	Guánica	3,304	500	480	96.0%
TOTALES		79,553	18,575	15,812	85.1%

*El número de cantidad Luminarias afectadas aumento para este informe, según las áreas inspeccionadas.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE MAYAGÜEZ
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS	% REPARADO
SAN SEBASTIAN	San Sebastián	6,050	2,420	2420	100.0%
	Lares	2,908	1,163	1163	100.0%
	Las Marías	1,559	624	624	100.0%
SAN GERMAN	San Germán	8,269	1,296	1296	100.0%
	Cabo Rojo	9,985	1,505	1505	100.0%
	Hormigueros	3,495	725	725	100.0%
	Sabana Grande	4,505	845	845	100.0%
	Lajas	5,896	995	995	100.0%
AGUADILLA	Aguada	6,744	1,359	1359	100.0%
	Aguadilla	7,520	1,785	1785	100.0%
	Moca	7,097	1,561	1561	100.0%
	Rincón	3,541	779	779	100.0%
MAYAGUEZ	Mayagüez	22,259	9,025	7090	78.6%
	Añasco	4,183	1,673	1588	94.9%
	Maricao	2,035	1,017	771	75.8%
TOTALES		96,046	26,772	24,506	91.5%

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGION DE SAN JUAN
FECHA INFORME: 2-19-2020

DISTRITO	MUNICIPIO	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS (INFORMES)	% REPARADO
RIO PIEDRAS / MONACILLOS / GUAYNABO	San Juan	36,031	9,208	5940	64.51%
GUAYNABO	Guaynabo	10,917	3,587	2085	58.13%
MONACILLOS	Trujillo Alto	8,195	2,830	2750	97.17%
	TOTALES	55,143	15,625	10775	69.0

Durante este mes no se realizaron trabajos de alumbrado por averias y emergencia.

ESTIMADO LUMINARIAS AFECTADAS - HURACAN MARIA
REGIONAL
 FECHA INFORME: 2-19-2020

REGION	CANT LUMINARIAS GTEC	LUMINARIAS AFECTADAS	LUMINARIAS REPARADAS	% REPARADO	DE LUMINARIA	% Activo
Arecibo *	70,099.00	19,227.00	18,253.00	94.9%	974	98.6%
Bayamón *	55,155.00	41,137.00	30,836.00	75.0%	10,301	81.3%
Caguas	86,095.00	40,094.00	32,162.00	80.2%	7,932	90.8%
Carolina	41,489.00	18,261.00	17,941.00	98.2%	320	99.2%
Ponce *	79,553.00	18,575.00	15,812.00	85.1%	2,763	96.5%
Mayagüez	96,046.00	26,772.00	24,506.00	91.5%	2,266	97.6%
San Juan	55,143.00	15,625.00	10,775.00	69.0%	4,850	91.2%
TOTALES	483,580.00	179,691.00	150,285.00	83.6%	29,406	93.9%

* Se adicionaron luminarias afectadas al informe de daños original según las áreas inspeccionadas y trabajadas.

Exhibit D

Presentation related to the impact of January 2020 seismic events

[This exhibit has been filed under seal.]