

Attachment 1
Puerto Rico Electric Power Authority
Provisional Rate Reconciliation - February 21, 2019 Compliance Filing (Updated)
For the Months of July 2016 to April 2019

DRAFT

Line No.	Item	FY 2017	FY 2018	FY 2019	Total	Reference
1	Calculation of Provisional Rate Reconciliation for July 2016 to March 2019					
2	THD. \$					
3	PREPA Base Rate Revenue Requirement Deficiency Approved (To be cover with Provisional Rate)	\$ 171,786	\$ 171,786	\$ 142,640	\$ 486,212	
4						
5	Actual Provisional Rate Revenues	\$ 198,799	\$ 162,340	\$ 168,025	\$ 529,165	Reconciliations Supporting File 1-20190605.xlsx TAB b.
6	Public Lighting Provisional Rate Revenues reduction due to Public Lighting infrastructure damage after María Hurricane*	\$ -	\$ (2,423)	\$ (1,402)	\$ (3,825)	Reconciliations Supporting File 1-20190605.xlsx TABS: Alumbrado
7	Adjusted Provisional Rate Revenues due to Public Lighting Provisional Rate Revenues reduction	\$ 198,799	\$ 159,917	\$ 166,624	\$ 525,340	L13+L14
8						
9	Provisional Rate Reconciliation - Recover (Return)	\$ (27,013)	\$ 9,446	\$ (25,385)	\$ (42,953)	L3-L5
10	Provisional Rate Reconciliation - Recover (Return) - Adjusted due to Public Lighting Provisional Rate Revenues reduction	\$ (27,013)	\$ 11,869	\$ (23,983)	\$ (39,128)	L3-L7
11						
12	Estimated Retail kWh sales for July to December 2019 (6 Months Period)	8,267,291				Reconciliations Supporting File 1-20190605.xlsx TAB kWh Forecast
13						
14	Provisional Reconciliation Recover (Return) in 6 Months Period -\$/kWh	\$ (0.005196)				L9(Total)/L12
15	Adjusted Provisional Reconciliation Recover (Return) in 6 Months Period -\$/kWh	\$ (0.004733)				L10(Total)/L12
16						
17	Weight Applied to FY 2019 (Based on FY 2017 Basic Rate Revenues)	83.03%				Reconciliations Supporting File 1-20190605.xlsx TAB a.

* As per requested by the PREB in the April 23, 2019 Public Hearing.

Attachment 2
Puerto Rico Electric Power Authority
CILT and Subsidies Reconciliation - February 21, 2019 Compliance Filing (Updated)
For the Months of July 2016 to April 2019

DRAFT

Line No.	Item	FY 2017	FY 2018	FY 2019	Total	Reference
1	Calculation of CILT and Subsidies Reconciliation for July 2016 to March 2019					
2	THD. \$					
3		Amount	Amount	Amount		
4	CILT Actual Cost	\$ 83,124	\$ 70,460	\$ 68,520	\$ 222,103	Reconciliations Supporting File 1-20190605.xlsx TAB k.
5	HTH Subsidy Actual Cost	\$ 175,942	\$ 170,974	\$ 150,158	\$ 497,074	Reconciliations Supporting File 1-20190605.xlsx TAB k.
6	NHTH Subsidy Actual Cost	\$ 15,876	\$ 13,483	\$ 12,454	\$ 41,814	Reconciliations Supporting File 1-20190605.xlsx TAB k.
7	Total CILT and Subsidies Cost	\$ 274,942	\$ 254,916	\$ 231,133	\$ 760,991	L3+L4+L5
8	Public Lighting Adjustment (reduction) due to Public Lighting infrastructure damage after María Hurricane*	\$ -	\$ (67,383)	\$ (38,706)	\$ (106,089)	Reconciliations Supporting File 1-20190605.xlsx TAB CILT-Subsidies Cells Line No.23
9	Adjusted HTH Subsidy Actual Cost due PL due infrastructure damage after María Hurricane	\$ 175,942	\$ 103,590	\$ 111,452	\$ 390,985	L4+L8
10						
11	CILT Income from 11% Fuel and PP Clauses	\$ 71,781	\$ 54,218	\$ 78,264	\$ 204,262	Reconciliations Supporting File 1-20190605.xlsx TAB CILT-Subsidies Cells Line No.13
12	HTH Income from 11% Fuel and PP Clauses	\$ 151,933	\$ 131,561	\$ 171,511	\$ 455,005	Reconciliations Supporting File 1-20190605.xlsx TAB CILT-Subsidies Cells Line No.11
13	NHTH Income from 11% Fuel and PP Clauses	\$ 13,710	\$ 10,375	\$ 14,225	\$ 38,310	Reconciliations Supporting File 1-20190605.xlsx TAB CILT-Subsidies Cells Line No.12
14	Total 11% Fuel and PP Clauses Income	\$ 237,424	\$ 196,154	\$ 264,000	\$ 697,578	L8+L9+L10
15						
16	Adjusted Public Lighting Revenues Fuel and PP 11% offset due PL due infrastructure damage after María Hurricane	\$ -	\$ (3,132)	\$ (1,776)	\$ (4,908)	Reconciliations Supporting File 1-20190605.xlsx TAB CILT-Subsidies Cells Line No.2+Line No.5
17	Adjusted HTH Subsidy Income from 11% Fuel and PP Clauses due PL due infrastructure damage after María Hurricane	\$ 151,933	\$ 128,430	\$ 169,735	\$ 459,913	L12+L16
18	CILT Cost to be recovered (returned) to Customers	11,343	16,242	(9,744)	17,841	L3-L11
19	HTH Subsidy Cost to be recovered (returned) to Customers	24,009	39,412	(21,353)	42,068	L4-L12
20	NHTH Subsidy Cost to be recovered (returned) to Customers	2,166	3,108	(1,771)	3,504	L5-L13
21	Total CILT & Subsidies Cost to be recovered (returned) to Customers	37,518	58,762	(32,867)	63,414	L18+L19+L20
22						
23	Adjusted HTH Subsidy Cost to be recovered (returned) to Customers due PL due infrastructure damage after María Hurricane	\$ 24,009	\$ (24,839)	\$ (58,282)	\$ (59,113)	L9-L17
24	Total CILT & Subsidies Cost to be recovered (returned) to Customers	\$ 37,518	\$ (5,489)	\$ (69,797)	\$ (37,768)	
25						
26	Forecasted Retail kWh sales for FY2020 (12 months)	15,831,930				Reconciliations Supporting File 1-20190605.xlsx TAB kWh Forecast
27						
28	CILT Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.001127				L18(Total)/L25
29	HTH Subsidy Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.002657				L19(Total)/L25
30	NHTH Subsidy Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.000221				L20(Total)/L25
31	Total CILT and Subsidies Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.004005				L28+L29+L30
32						
33	CILT Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.001127				L18(Total)/L25
34	Adjusted HTH Subsidy Reconciliation Adjustment F(FY 2020) due PL due infrastructure damage after María Hurricane (\$/kWh)	\$ (0.003734)				L23(Total)/L25
35	NHTH Subsidy Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ 0.000221				L20(Total)/L25
36	Adjusted CILT and Subsidies Reconciliation Adjustment (FY 2020) (\$/kWh)	\$ (0.002386)				L33+L34+L35

* As per requested by the PREB in the April 23, 2019 Public Hearing.

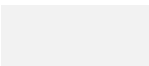
Attachment 3

Puerto Rico Electric Power Authority

**Fuel and Purchased Power Reconciliation - Irma and María Hurricane Period
For the Months of August 2017 to May 2018**

DRAFT

Line No.	Item	Amount	Reference
1	Calculation Purchased Power and PP Reconciliation for August 2017 to May 2018		
2	THD. \$		
3	Actual Fuel Cost	\$ 956,927	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Costo Mensual Barriles (Fis)
4	FEMA Reimbursement	\$ (140,631)	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB FEMA
5	Adjusted Total Fuel Cost	\$ 816,297	L3+L4
6			
7	Fuel Adjustment Revenue	\$ 952,275	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB María Storm Recovery Cell M12
8	Public Lighting Adjustment	\$ (18,024)	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Alumbrado
9	Prior Period Accounting Adjustment	\$ (12,977)	Reconciling Clause Reconciliations (v1).xlsx TAB María Storm Recovery Cell M13
10	Total Fuel Adjustment Revenue	\$ 921,274	L7+L8+L9
11	11% Reduction Fuel Adjustment Revenue	\$ 819,934	L10*0.89
12			
13	Fuel Cost to be recovered (returned) to Customers	\$ (3,637.40)	L5-L11
14			
15	Fuel Adjustment for July 2019 to April 2020 (\$/kWh)	\$ (0.000278)	L13/L29
16			
17	Purchased Power Actual Cost	\$ 468,993	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB María Storm Recovery Cell M21
18			
19	Purchased Power Revenue	\$ 450,476	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Purchased Power
20	Public Lighting Adjustment	\$ (8,472)	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Alumbrado
21	Prior Period Accounting Adjustment	\$ 3,466	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB María Storm Recovery Cell M25
22	Total Purchased Power Revenue	\$ 445,470	L19+L20+L21
23	11% Reduction Revenue	\$ 396,469	L22*0.89
24			
25	Purchased Power Cost to be recovered (returned) to Customers	\$ 72,524.85	L17-L23
26			
27	Purchased Power Adjustment for July 2019 to April 2020 (\$/kWh)	\$ 0.005540	L25-L29
28			
29	Estimated Retail kWh sales for July 2019-April 2020	13,091,652	Reconciling Clause Reconciliations (v1).xlsx TAB kWh Forecast
30			
31	Total to be recover from Fuel and PP Costs	\$ 0.005262	L15+L27



Attachment 4
Puerto Rico Electric Power Authority
Fuel and Purchased Power Reconciliation - March and April 2019
For the Months of August 2017 to May 2018

DRAFT

Line No.	Item	Mar-19	Apr-19	Total	
1	Calculation Fuel and Purchased Power Reconciliation				
2	THD, \$				
3	Actual Fuel Cost	\$ 103,336	\$ 116,675	\$ 220,011	Attachment 5
4					
5	Fuel Adjustment Revenue	\$ 108,894	\$ 125,635	\$ 234,529	Attachment 5
6	Public Lighting (PL) Adjustment	\$ (624)	\$ (581)	\$ (1,205)	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Alumbrado CELL M43 and M44
7	Adjusted Total Fuel Adjustment Revenue	\$ 108,270	\$ 125,054	\$ 233,324	L5+L6
8					
9	11% Reduction Fuel Adjustment Revenue	\$ 96,916	\$ 111,815	\$ 208,731	L5*0.89
10	Adjusted 11% Reduction Fuel Adjustment Revenue due to PL sales reduction	\$ 96,360	\$ 111,298	\$ 207,658	L7*0.89
11	Prior Period Accounting Adjustment	\$ (14,038)	\$ (12,358)	\$ (26,396)	Attachment 5
12	Total Revenues	\$ 82,878	\$ 99,457	\$ 182,335	L9+L11
13	Adjusted Revenues	\$ 82,322	\$ 98,940	\$ 181,262	L10+L11
14					
15	Fuel Cost to be recovered (returned) to Customers	20,458	17,218	37,676	L3-L12
16	Adjusted Fuel Cost to be recovered (returned) to Customers	21,013	17,735	38,749	L3-L13
17					
18	Fuel Adjustment for July -Sept 19 (\$/kWh)	\$ 0.008896			L15 (Total) /L33
19	Adjusted Fuel Adjustment for July -Sept 19 (\$/kWh)	\$ 0.009149			L16 (Total) /L33
20					
21	Purchased Power Actual Cost	\$ 59,163	\$ 55,074	\$ 114,238	Attachment 5
22					
23	Purchased Power Revenue	\$ 64,422	\$ 63,607	\$ 128,029	Attachment 5
24	Public Lighting Adjustment	\$ (369)	\$ (294)	\$ (664)	Storm Recovery Totals María - FINAL (Public Lighting Adjustment) 20190605.xlsx TAB Alumbrado CELL N43 and N44
25	Total Purchased Power Revenue	\$ 64,053	\$ 63,312	\$ 127,365	L23+L24
26					
27	11% Reduction Purchased Power Adjustment Revenue	\$ 57,336	\$ 56,610	\$ 113,946	L20*0.89
28	Adjusted 11% Reduction Purchased Power Adjustment Revenue	\$ 57,007	\$ 56,348	\$ 113,355	L22*0.89
29	Prior Period Accounting Adjustment	\$ (1,747)	\$ (4,043)	\$ (5,790)	Attachment 5
30	Total Revenues	\$ 55,589	\$ 52,567	\$ 108,155	L27+L29
31	Adjusted Revenues	\$ 55,260	\$ 52,305	\$ 107,565	L28+L29
32					
33	Purchased Power Cost to be recovered (returned) to Customers	3,575	2,508	6,082	L21-L30
34	Adjusted Purchased Power Cost to be recovered (returned) to Customers	3,903	2,769	6,673	L21-L31
35					
36	Purchased Power Adjustment for July -Sept 19 (\$/kWh)	\$ 0.001436			L30 (Total) /L42
37	Adjusted Purchased Power Adjustment for July -Sept 19 (\$/kWh)	\$ 0.001576			L31 (Total) /L42
38					
39	Total Reconciliation Adjustments	\$ 0.010332			L18+L36
40	Adjusted Reconciliation Adjustments	\$ 0.010725			L19+L37
41					
42	Estimated Retail kWh sales for July - Sept 2019	4,235,225			Reconciling Clause Reconciliations (v1).xlsx TAB kWh Forecast

PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT

FUEL ADJUSTMENT CLAUSE COMPUTATION FOR THE MONTH OF

Mar-19

FUEL	
BARRELS USED	1,439,381.61
COST OF BARRELS	\$ 103,258,833.54
PRICE PER BARREL BEFORE AUTHORITY USE	\$ 71.7383304

AUTHORITY USE	
BARRELS	(3,158.17)
COST	\$ (226,561.62)
TOTAL BARRELS AFTER AUTHORITY USE	1,436,223.44
BBL FOR SHIPPING COST (TOTAL-NATURAL GAS)	758,484.71
COST AFTER AUTHORITY USE	103,032,271.92

SHIPPING COST	
SHIPPING COST (40 CENTS PER BARREL AFTER AUTHORITY USE)	303,393.89

FUEL COST FOR MONTH	\$ 103,335,665.81
BARRELS USED FOR MONTH	1,436,223.44
COST PER BARREL	\$ 71.9495746
PRIOR PERIOD AMOUNT INCLUDED IN RATES (FROM January 2019)	\$ 14,037,812.70
FUEL COST TO BE RECOVERED (FUEL COST/0.89)	\$ 131,880,312.93

FUEL ADJUSTMENT CLAUSE REVENUES		
BILLED - FUEL ADJUSTMENT CLAUSE	\$	108,894,040.90
OTHER ADJUSTMENTS (explain with comments)	\$	-
REVENUES FOR	\$	108,894,040.90
FUEL ADJUSTMENT CLAUSE		
COST TO BE RECOVERED FOR	\$	22,986,272.03
Mar-19		
OTHER CORRECTIONS		
TOTAL AMOUNT TO BE RECOVERED OR (RETURNED) TO CLIENTS FOR FEBRUARY 2019	\$	22,986,272.03



14 de mayo de 2019

Efran Parides Maisonet
Director de Planificación y Protección Ambiental


Nelson Morales
Director de Finanzas

CANTIDADES A INCLUIRSE EN LA FACTURACIÓN DE JUNIO 2019

A continuación, presentamos las cantidades a recobrar o devolver por concepto del ajuste de combustible y compra de energía para abril 2019.

Recobro o (Devolución)

Mes	Total
AJUSTE DE COMBUSTIBLE	
Abril	\$ 19,346,345.31
COMPRA DE ENERGÍA	
Abril	\$ 2,817,513.62



PUERTO RICO ELECTRIC POWER AUTHORITY
 ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT

FUEL ADJUSTMENT CLAUSE COMPUTATION FOR THE MONTH OF
 Apr-19

FUEL		
BARRELS USED		1,549,282.06
COST OF BARRELS	\$	116,529,542.17
PRICE PER BARREL BEFORE AUTHORITY USE	\$	75.2151885

AUTHORITY USE		
BARRELS		(3,239.12)
COST	\$	(243,630.82)
TOTAL BARRELS AFTER AUTHORITY USE		1,546,042.94
BBLS FOR SHIPPING COST (TOTAL-NATURAL)		973,928.97
COST AFTER AUTHORITY USE	\$	116,285,911.35

SHIPPING COST		
SHIPPING COST (40 CENTS PER BARREL AFTER AUTHORITY USE)	\$	389,571.59

FUEL COST FOR MONTH	\$	116,675,482.94
BARRELS USED FOR MONTH		1,546,042.94
COST PER BARREL	\$	75.4671683
PRIOR PERIOD AMOUNT INCLUDED IN RATES (FROM January 2019)	\$	12,358,191.81
FUEL COST TO BE RECOVERED (FUEL COST/0.89)	\$	144,981,657.03

FUEL ADJUSTMENT CLAUSE REVENUES		
BILLED - FUEL ADJUSTMENT CLAUSE	\$	125,635,311.72
OTHER ADJUSTMENTS (explain with comments)	\$	-
REVENUES FOR FUEL ADJUSTMENT CLAUSE	\$	125,635,311.72
COST TO BE RECOVERED FOR Apr-19	\$	19,346,345.31
OTHER CORRECTIONS		
TOTAL AMOUNT TO BE RECOVERED OR (RETURNED) TO CLIENTS FOR FEBRUARY 2019	\$	19,346,345.31

PUERTO RICO ELECTRIC POWER AUTHORITY
ECONOMIC AND FINANCIAL ANALYSIS DEPARTMENT

PURCHASED POWER CLAUSE ADJUSTMENT COMPUTATION FOR THE MONTH OF
Apr-19

PURCHASED POWER COST BY FACILITY								PURCHASE POWER COST FOR
	KWH	\$	PRICE PER KWH (in \$)	C.E.R'S AND APX	INVOICE ADJUSTMENTS	LESS: AUTHORITY USE	MONTH	
ECOELECTRICA	300,211,003	\$ 28,851,354.00	0.096	\$ -	-	\$ (59,651.21)	\$ 28,791,702.79	
AES	177,497,216	19,078,916.33	0.107	-	-	(39,446.35)	19,039,469.98	
WINDMAR (CANTERA MARTINO)	469,482	80,750.95	0.172	16,415.00	-	(166.96)	96,998.99	
AES-ILUMINA	3,437,053	580,600.66	0.169	120,295.00	-	(1,200.41)	699,695.25	
PATTERN	18,359,447	2,509,369.18	0.137	501,935.06	-	(5,188.21)	3,006,116.03	
PUNTA LIMA	-	-	#DIV/0!	-	-	-	-	
SAN FERMIN	3,693,371	587,245.99	0.159	128,835.00	-	(1,214.15)	714,866.84	
HORIZON ENERGY	2,153,131	326,845.21	0.152	75,355.00	-	(675.76)	401,524.45	
LANDFILL GAS TECH FAJARDO	882,059	88,205.90	0.100	8.82	-	(182.37)	88,032.35	
ORIANA ENERGY	6,977,471	1,088,485.42	0.156	209,340.00	-	(2,250.48)	1,295,574.93	
COTO LAUREL SOLAR FARM	1,467,328	220,099.20	0.150	51,380.00	-	(455.06)	271,024.14	
HUMACAO SOLAR PROJECT	3,582,658	537,398.71	0.150	89,575.00	-	(1,111.09)	625,862.62	
LANDFILL GAS TOA BAJA	435,834	43,583.40	0.100	4.36	-	(90.11)	43,497.65	
APX	-	-	-	-	-	-	-	
	519,166,052	\$ 53,992,854.95		\$ 1,193,143.24	\$ -	\$ (111,632.17)	\$ 55,074,366.01	

PRIOR PERIOD AMOUNT INCLUDED IN RATES (January 2019)	\$ 4,043,072.56
Other Corrections	\$ -
PURCHASED POWER COST TO BE	\$ 66,424,088.29

AMOUNT TO BE	\$ 2,817,513.62
Apr-19	

(purchased power cost to be recovered - purchased power clause revenues)

PURCHASED POWER ADJUSTMENT CLAUSE REVENUES	
BILLED - PURCHASED POWER CLAUSE	\$ 63,606,574.67
OTHER ADJUSTMENTS (explain with comments)	\$ -
REVENUES FOR FUEL ADJUSTMENT CLAUSE	\$ 63,606,574.67
COST TO BE RECOVERED VS REVENUES	\$ 2,817,513.62