

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

~~NEPR~~

**Received:**

Jan 26, 2021

6:25 PM

**IN RE:** THE PERFORMANCE OF THE  
PUERTO RICO ELECTRIC POWER  
AUTHORITY

**CASE NO.:** NEPR-MI-2019-0007

**SUBJECT:** Supplemental Information to  
Performance Metrics Reporting Requirements

**MOTION TO SUBMIT SUPPLEMENTAL INFORMATION  
DISCUSSED DURING TECHNICAL CONFERENCE**

TO THE HONORABLE PUERTO RICO ENERGY BUREAU

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

1. On January 19, 2021, Energy Bureau of the Puerto Rico Service Regulatory Board (the “Energy Bureau”) held a Technical Conference to discuss the Puerto Rico Power Authority’s (PREPA) Performance Metrics.<sup>1</sup>

2. During the Technical Conference, Eng. Jose L. Sepulveda, Director of the Transmission and Distribution Directorate, informed that, even though it is not required by the Order, the Authority could make available to the Energy Bureau a breakdown of the common causes registered during an electrical service interruption/outage. The report with data of the past 18 months is submitted with this motion as Attachment A.

3. Similarly, Mrs. Shehaly Rosado, Director of the Occupational Safety Division offered to provide the annual ledger of registered injury and illness reported to Occupational Safety and

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<sup>1</sup> In compliance with the *Resolution and Order* dated May 14, 2020 (the “Order”), the Authority tracks certain key performance indicators/metrics on a monthly basis and submits the gathered information at the end of every quarter.

Health Administration, including a breakdown of security incident indicators. The report is attached as Attachment B.

WHEREFORE, PREPA respectfully requests the Energy Bureau to note the filing of the attached supplemental information.

In San Juan, Puerto Rico, this 26<sup>th</sup> day of January 2021.

s/ Katuska Bolaños Lugo  
Katuska Bolaños Lugo  
TSPR 18,888  
[kbolanos@diazvaz.law](mailto:kbolanos@diazvaz.law)

s/ Joannely Marrero Cruz  
Joannely Marrero Cruz  
TSPR 20,014  
[jmarrero@diazvaz.law](mailto:jmarrero@diazvaz.law)

DÍAZ & VÁZQUEZ LAW FIRM,  
P.S.C.  
290 Jesús T. Piñero Ave.  
Oriental Tower, Suite 1105  
San Juan, PR 00918  
Tel. (787) 395-7133  
Fax. (787) 497-9664

**CERTIFICATE OF SERVICE**

It is hereby certified that, on this same date, I have filed the above motion using the Energy Bureau's Electronic Filing System, at the following address: <http://radicacion.energia.pr.gov>.

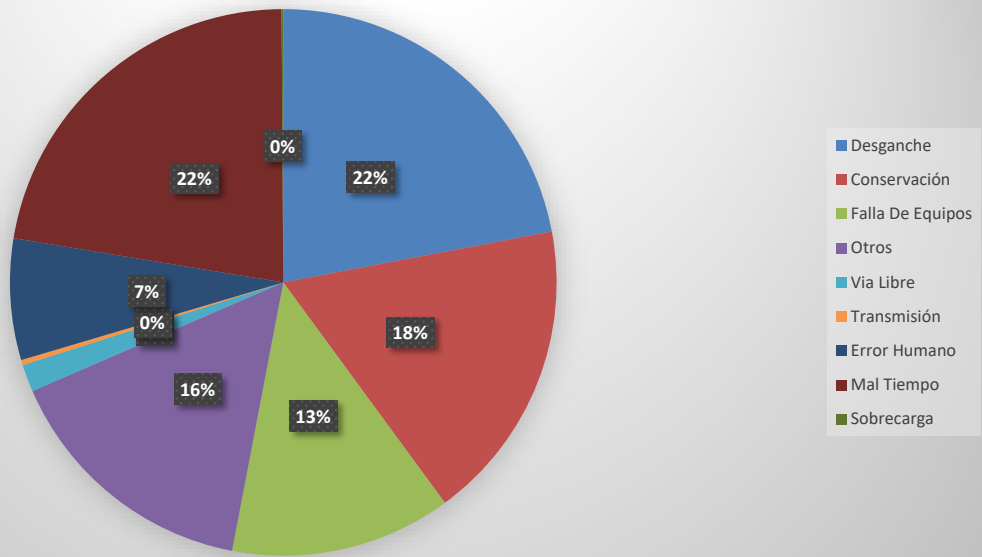
In San Juan, Puerto Rico, this 26<sup>th</sup> day of January 2021.

*s/ Joannely Marrero Cruz*  
Joannely Marrero Cruz

Attachment A

Periodo de 06-01-2019 a 12-31-2020

### Interrupciones por Causa





**AUTORIDAD DE ENERGÍA ELÉCTRICA DE PUERTO RICO**  
DIRECTORADO DE TRANSMISIÓN Y DISTRIBUCIÓN

**INTERRUPCIONES POR CAUSA**  
(Averías Primarias Sin Relevancia de Carga)

Periodo de 06-01-2019 a 12-31-2020

**ARECIBO**

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Vía Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
ARECIBO	519	324	210	41	24	3	35	512	3	1,671
MANATI	717	336	244	28	21	0	129	719	0	2,194
QUEBRADILLAS	367	273	234	19	67	7	15	448	0	1,430
UTUADO	269	265	119	19	5	2	3	426	0	1,108

<b>Total Región</b>	1,872	1,198	807	107	117	12	182	2,105	3	6,403
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**BAYAMON**

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Vía Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
BAYAMON	426	516	396	1,444	31	14	125	364	0	3,316
COROZAL	323	247	147	579	21	0	55	214	0	1,586
PALO SECO	68	264	396	562	21	8	66	93	0	1,478
VEGA BAJA	300	347	301	1,069	18	7	88	221	0	2,351

<b>Total Región</b>	1,117	1,374	1,240	3,654	91	29	334	892	0	8,731
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**CAGUAS**

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Via Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
BARRANQUITAS	428	351	186	206	48	3	65	626	1	1,914
CAGUAS	955	777	711	529	72	8	488	1,154	5	4,699
CAYEY	561	378	176	146	33	5	100	463	0	1,862
HUMACAO	555	443	418	289	47	9	481	1,008	4	3,254

<b>Total Región</b>	2,499	1,949	1,491	1,170	200	25	1,134	3,251	10	11,729
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**CAROLINA**

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Via Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
CANOVANAS	715	383	392	147	23	0	610	472	0	2,742
CAROLINA	300	301	358	194	12	3	355	289	2	1,814
FAJARDO	443	247	305	124	37	0	305	441	0	1,902

<b>Total Región</b>	1,458	931	1,055	465	72	3	1,270	1,202	2	6,458
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**MAYAGUEZ**

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Via Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
AGUADILLA	497	520	268	50	14	8	34	901	0	2,292

MAYAGÜEZ	1152	550	278	100	9	6	52	571	0	2,718
SAN GERMAN	986	484	219	52	15	4	195	735	1	2,691
SAN SEBASTIAN	521	325	192	23	4	6	18	927	0	2,016

Total Región	3,156	1,879	957	225	42	24	299	3,134	1	9,717
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#### PONCE

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Vía Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
GUAYAMA	86	146	81	36	43	8	198	153	1	752
PONCE	791	484	341	94	153	14	309	610	15	2,811
SANTA ISABEL	91	201	62	54	19	7	116	289	3	842
YAUCO	232	250	141	68	59	19	92	360	0	1,221

Total Región	1,200	1,081	625	252	274	48	715	1,412	19	5,626
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#### SAN JUAN

Distrito	Desganche	Conservación	Falla De Equipos	Otros	Vía Libre	Transmisión	Error Humano Animal Objeto	Mal Tiempo Wet Ash	Sobrecarga	Total
GUAYNABO	422	746	507	1,153	78	19	66	358	14	3,363
MONACILLOS	714	655	505	1,315	12	7	82	246	0	3,536



RIO PIEDRAS	212	480	324	561	41	9	39	220	8	1,894
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Total Región	1,348	1,881	1,336	3029	131	35	187	824	22	8,793
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Attachment B



## Historial de Lesiones y Enfermedades Registables

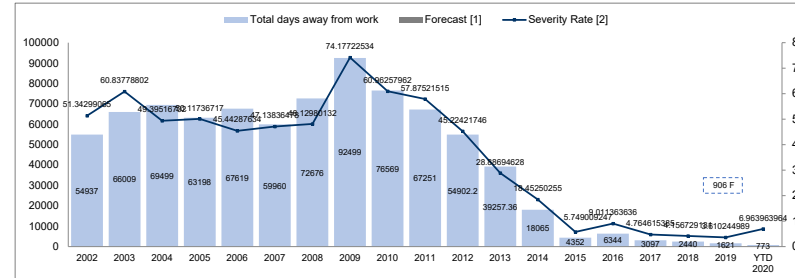
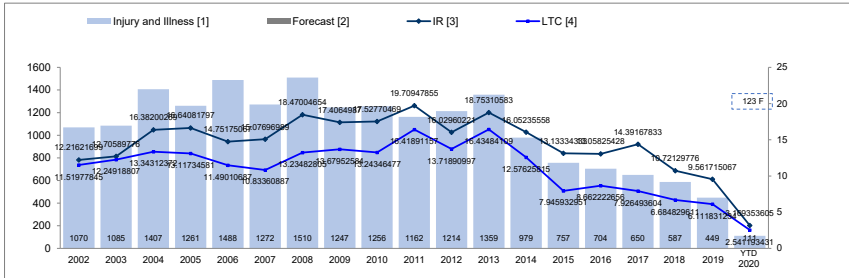
2007	59,960	0	1,272	0	16,873,417	0	15.08	10.8	47.1
2008	72,576	0	1,510	0	16,350,798	0	18.47	13.2	48.1
2009	92,499	0	1,247	0	14,327,982	0	17.41	13.7	74.2
2010	76,569	0	1,256	0	14,331,597	0	17.53	13.2	61.0
2011	67,251	0	1,162	0	11,791,281	0	19.71	16.4	57.9
2012	54,902	0	1,214	0	15,146,976	0	16.03	13.7	45.2
2013	39,257	0	1,359	0	14,493,599	0	18.75	16.4	28.9
2014	18,065	0	979	0	12,197,587	0	16.05	12.6	18.5
2015	4,352	0	757	0	11,527,910	0	13.13	7.9	5.7
2016	6,344	0	704	0	10,782,452	0	13.06	8.7	9.0
2017	3,097	0	650	0	9,032,998	0	14.39	7.9	4.8
2018	2,440	0	587	0	10,950,167	0	10.72	6.7	4.2
2019	1621	0	449	0	9,391,621	0	9.56	6.1	3.6
YTD 2020	906	0	123	0	8,481,103	0	2.90	2.3	7.4
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Number of Incidents and Incident Rates - Forecast

Number of Days Away From Work - Forecast

IR: For every 100 employees, 14.4 have been involved in a recordable injury or illness.  
 LTCR: For every 100 employees, 7.9 have suffered lost time because of a work related injury or illness.

Severity Rate: For every recordable incident at PREPA, an average of 4.8 days will be lost due to those work related injuries and illnesses in 2015



[1] Includes: general injuries, skin disorders, respiratory conditions, poisoning and hearing loss.

[2] Forecast: Maximum monthly injuries and illnesses in 2016. Number of employees is assumed to be constant using 2015 monthly average numbers) throughout the rest of the year.

[3] OSHA Recordable Incident Rate (IR) is calculated by multiplying the number of recordable cases by 200,000, and then dividing that number by the number of total labor hours.

[4] The Lost Time Case Rate (LTCR) is a similar calculation, only it uses the number of cases that contained lost work days.

[1] Forecast: Average monthly number of days away from work from 2014 is used to calculate the remaining 2015 months.

[2] The severity rate is a calculation that gives a company an average of the number of lost days per recordable incident. Please note, that it only provides an average. The calculation is made by dividing the total lost workdays by the number of incidents.