

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

NEPR

Received:

Sep 8, 2021

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IN RE:

MANEJO DEL MANTENIMIENTO Y
REPARACIONES DE LAS UNIDADES DE
GENERACIÓN UTILIZADAS POR LA
AUTORIDAD DE ENERGÍA ELÉCTRICA
DE PUERTO RICO PARA SUPLIR
SERVICIO ELÉCTRICO

CASE NO.: NEPR-MI-2021-0014

SUBJECT: Submission of Slides Projected by
LUMA during Technical Conference of September
3, 2021.

**MOTION SUBMITTING SLIDES PROJECTED BY LUMA DURING TECHNICAL
CONFERENCE OF SEPTEMBER 3, 2021**

TO THE PUERTO RICO ENERGY BUREAU:

COMES NOW, LUMA ENERGY SERVCO, LLC (“LUMA”), through the undersigned legal counsel and respectfully submit the following:

1. In a Resolution and Order dated September 3, 2021, this honorable Puerto Rico Energy Bureau (“Energy Bureau”) convened a technical conference for September 3, 2021, to discuss load shed events of August 29th, 30th and 31st, 2021.
2. On September 3, 2021, LUMA representatives appeared before the Energy Bureau for the Technical Conference that was held via videoconference.
3. With leave from the Energy Bureau, Mr. Raphael Gignac, Director, System Operations, projected four slides on generation capacity and generation availability, *see Exhibit 1*, slides 2 and 3, and an illustrative example of load shedding on August 30, 2021, *see id.*, slide 4.
4. During the Technical Conference, the honorable Energy Bureau requested that LUMA file for the record a copy of the slides that were projected during the proceedings.

5. In compliance with the verbal order given by the Energy Bureau during the Technical Conference, LUMA hereby submits a copy of the slides that LUMA projected and discussed on September 3, 2021. *See Exhibit 1.* The slides are submitted in pdf format.

WHEREFORE, it is respectfully requested that the Energy Bureau **accept** the filing of the four slides, in pdf format, that LUMA projected and discussed on September 3, 2021 and **deem** that LUMA complied with the verbal order issued by the Energy Bureau during the Technical Conference.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this 8th day of September 2021.

I hereby certify that I filed this motion using the electronic filing system of the Puerto Rico Energy Bureau and that on this date, I will send an electronic copy of this motion to counsel of record for the Puerto Rico Electric Power Authority, Joannely Marrero-Cruz, jmarrero@diazvaz.law; and Katuska Bolaños-Lugo, kbolanos@diazvaz.law.

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Exhibit 1



Discussion of Load Shed Events

NEPR-MI-2021-0014

September 3, 2021



Significant Portion of Generating Capacity Offline

		Units	August										September								Notes
			22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	
Expected System Capacity		<i>MW</i>	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	
Capacity Offline																					
Plant	Unit																				
Aguirre	1	<i>MW</i>	450	80	80	95	120	120	120	330	450	450	450	450	270	270	270	270	270	270	Offline from Aug 30 to Sept 2
Aguirre	2	<i>MW</i>	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	270	Planned outage expected to be completed on Aug 7, outage extended to Aug 30, expected online on Sept 8
Costa Sur	5	<i>MW</i>	60	60	60	60	60	60	60	60	35	35	30	30	30	30	30	30	30	30	
Costa Sur	6	<i>MW</i>	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	410	Costa Sur Unit 6 offline
Palo Seco	3	<i>MW</i>	6	6	6	6	6	6	146	216	81	216	6	6	6	6	6	6	6	6	
San Juan	9	<i>MW</i>	10	10	10	10	10	10	10	50	45	45	45	45	45	45	45	10	10	10	San Juan limited to Sept 3
Other		<i>MW</i>	1,102	1,102	1,072	1,072	1,022	1,022	972	972	972	922	922	887	887	837	817	817	817	817	
Total Capacity Offline		<i>MW</i>	2,488	2,118	2,088	2,103	2,078	2,078	2,168	2,488	2,443	2,528	2,313	2,278	2,098	2,048	2,028	1,993	1,993	1,813	
Available Capacity		<i>MW</i>	2,570	2,940	2,970	2,955	2,980	2,980	2,890	2,570	2,615	2,530	2,745	2,780	2,960	3,010	3,030	3,065	3,065	3,245	
Percent of System Capacity Offline		%	49%	42%	41%	42%	41%	41%	43%	49%	48%	50%	46%	45%	41%	40%	40%	39%	39%	36%	

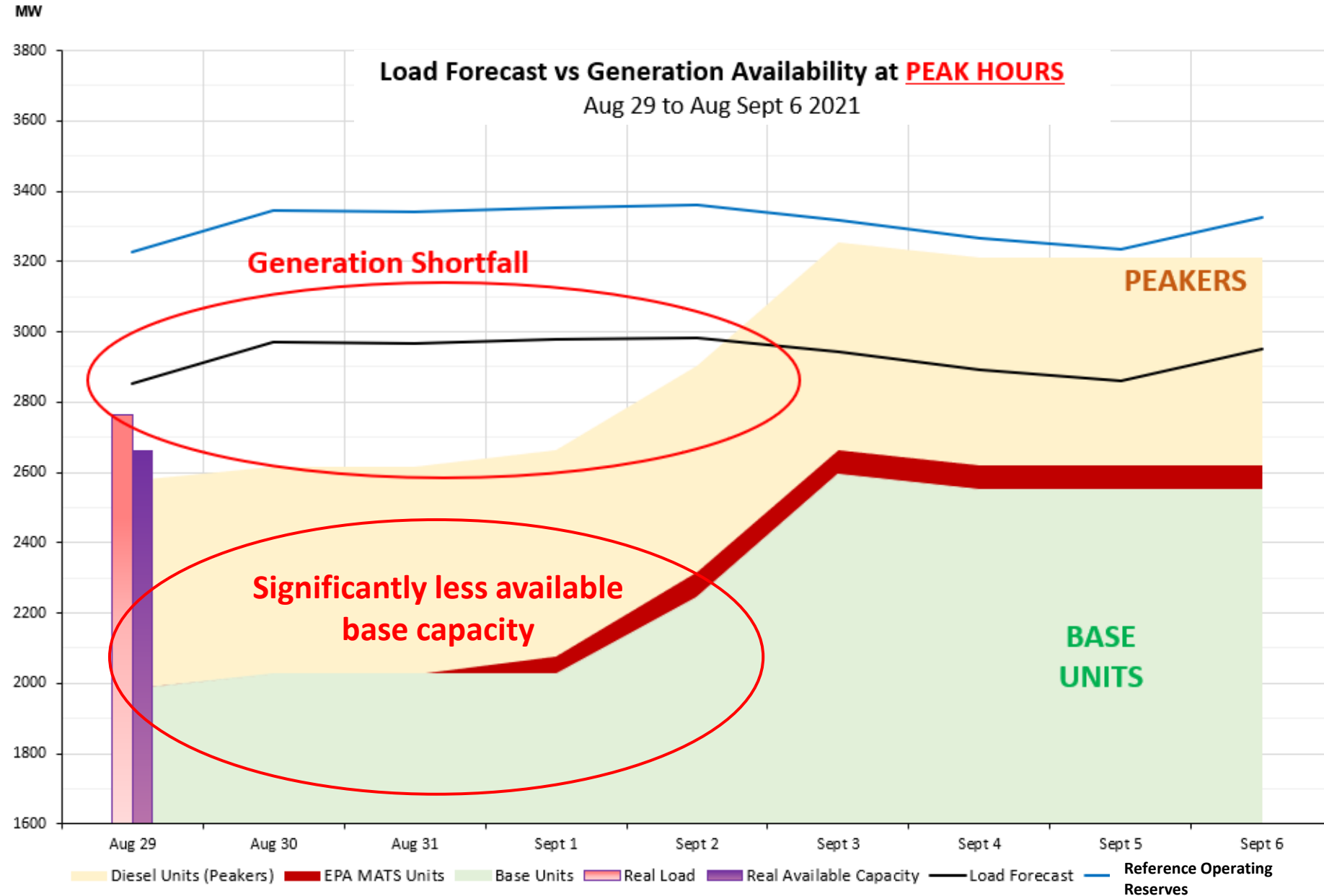
Less than 33% of capacity offline

Between 33% and 67% of capacity offline

More than 67% of capacity offline



As Base Units come online, shortfall will be reduced



An Example: Load Shedding on August 30, 2021

System Demand/Supply - 30 August 2021

