DAILY GENERATION AVAILABILITY REPORT

LUMA is not responsible for generation and is providing this report as part of service to our customers.
The report shows the availability generation as reported daily by PREPA and other generators.

3/12/2023

Projected System Availability and Reserves

2,203	710	36
PEAK DEMAND	REQUIRED RESERVES	RESERVES SHORTFALL
2,877	**674**	**49%**
AVAILABLE SUPPLY	AVAILABLE RESERVES	AVAILABILITY RATE

*all units are shown in MW

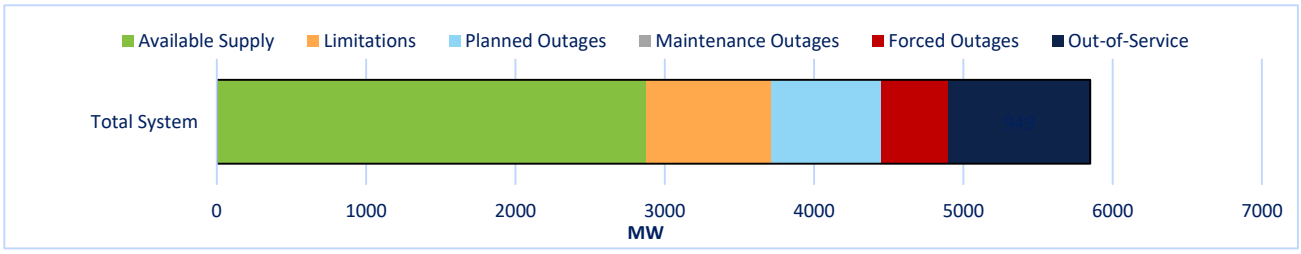
Previous Day 3/11/2023

Min. Demand	Time:
1,666 MW	12:30 PM

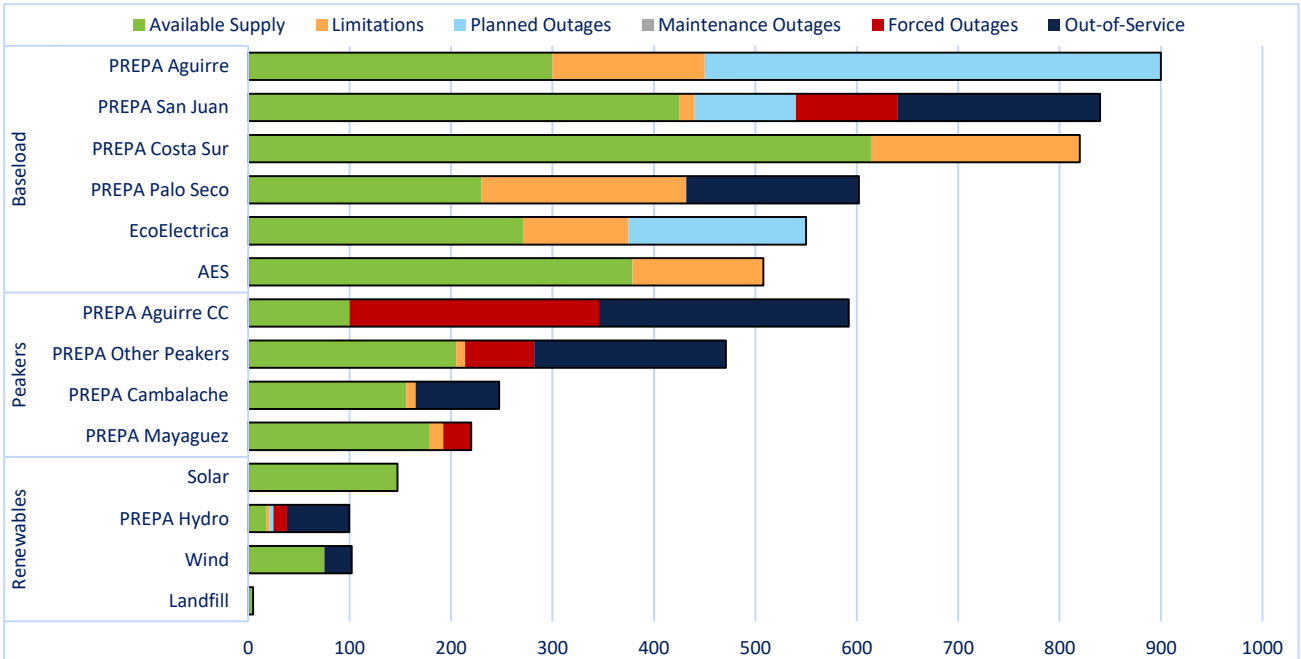
Peak Demand	Time:
2,167 MW	7:13 PM

Total Generation
44,284 MWh

System Availability and Status



Availability and Status as reported by PREPA and other generators



	Renewables				Peakers				Baseload					
	Landfill	Wind	PREPA Hydro	Solar	PREPA Mayaguez	PREPA Cambalache	PREPA Other Peakers	PREPA Aguirre CC	AES	EcoElectrica	PREPA Palo Seco	PREPA Costa Sur	PREPA San Juan	PREPA Aguirre
Available Supply	5	75	18	147	179	156	205	100	379	271	230	614	425	300
Limitations	0	0	3	0	14	9	9	0	129	104	202	206	15	150
Planned Outages	0	0	4	0	0	0	0	0	0	175	0	0	100	450
Maintenance Outages	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forced Outages	0	0	14	0	28	0	68	246	0	0	0	0	100	0
Out-of-Service	0	27	61	0	0	83	189	246	0	0	170	0	200	0
Installed Capacity	5	102	100	147	220	248	471	592	508	550	602	820	840	900

MW

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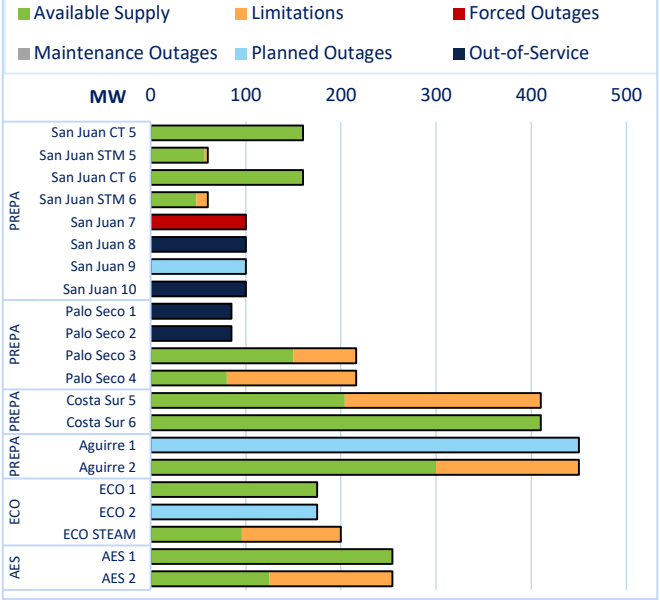
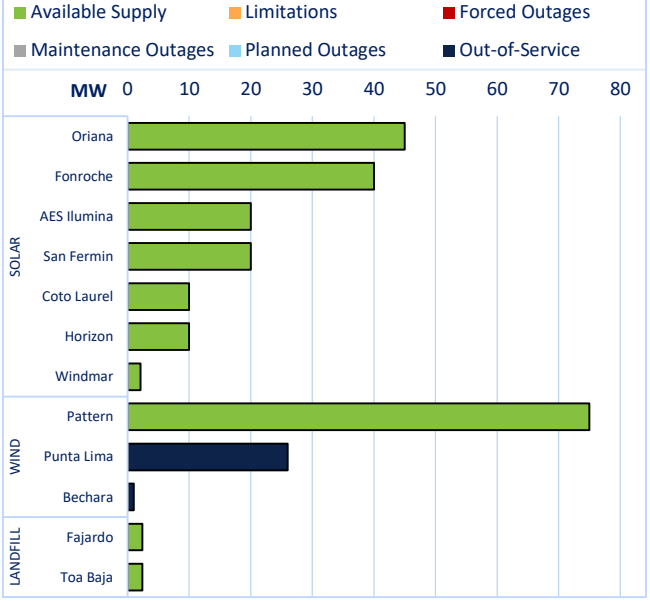
AVAILABILITY AND STATUS BY UNIT AS REPORTED BY EACH FACILITY

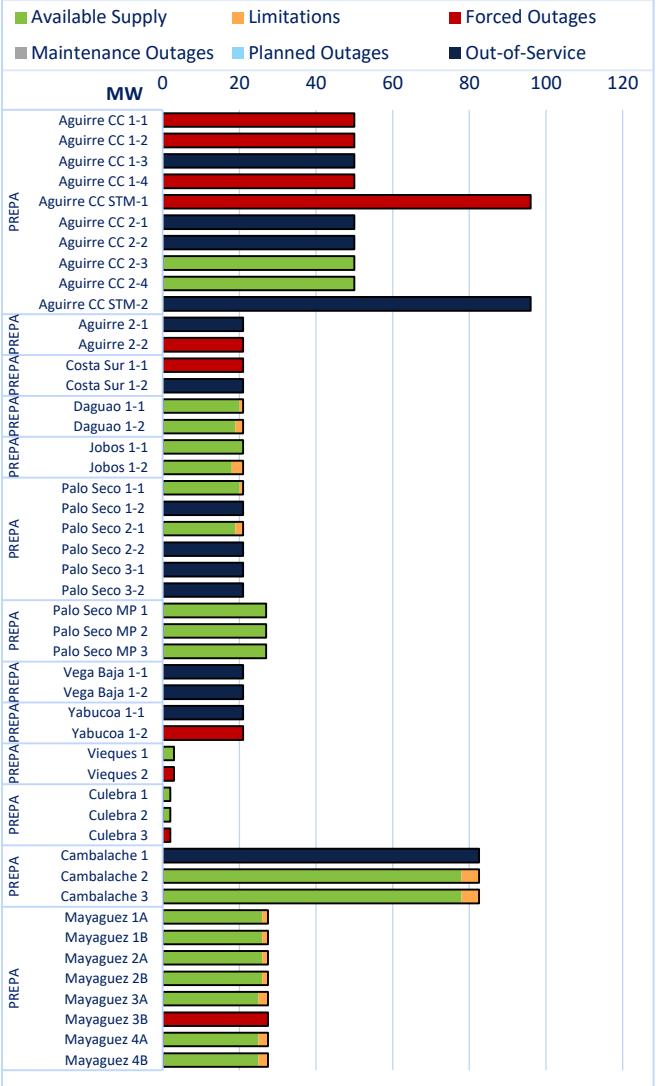
Baseload Units



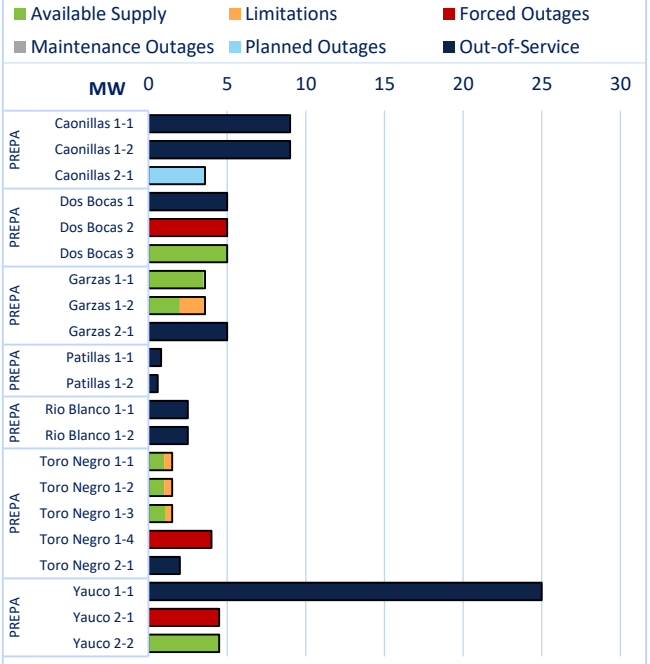
Renewable Facilities



Peaking Units



Hydroelectric Units



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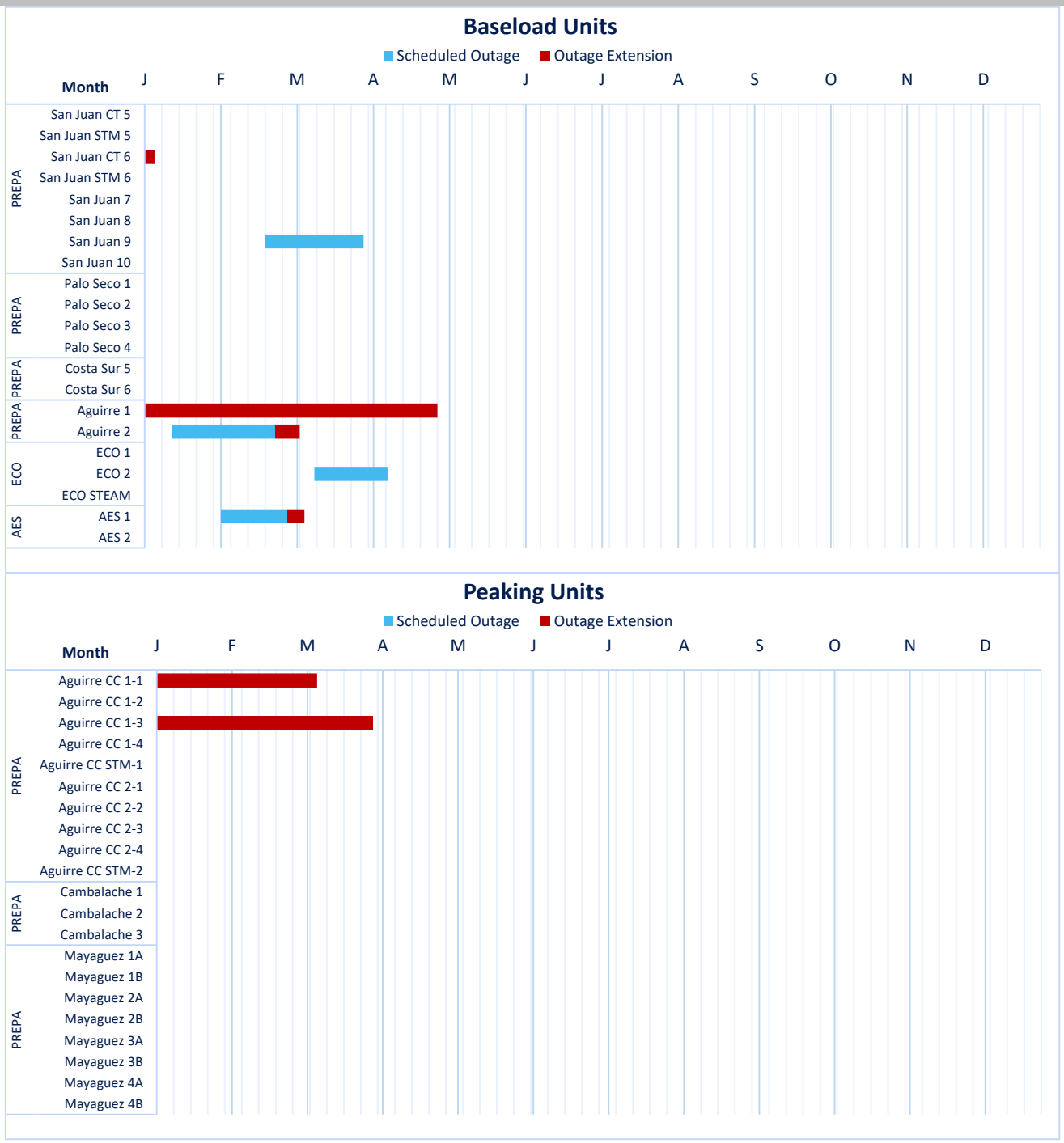
PLANNED AND MAINTENANCE OUTAGES



REFERENCED TERMS:

Peak Demand is the anticipated highest demand at a certain point of the day.

The Required Reserves are determined daily depending on the largest unit in the system.

Available Reserves represent the difference between the total electricity available from PREPA and other generators and the current electricy demand from customers. Reserve levels can change throughout the day as the available electricity from PREPA and other generators increases or decreases, or depending on the amount of electricity customers are using. Green indicates the Required Reserves will be met; orange indicates the reserves will be between 75% and 99% of the Required Reserves; red indicates the reserves will be below 75% of the Required Reserves.

Reserves Shortfall are the difference between the Required Reserves and the Current Reserves.

Available Supply means the available electricity that will be generated by PREPA and other generators. The Available Supply shown in the System Availability Graphs do not include Solar, Wind, or Landfill.

Availability Rate is calculated as Available Capacity / Nameplate Capacity, where Nameplate Capacity is the maximum output of a generator as designed by the manufacturer.

Limitations represent the reduction of electricity that can be generated by PREPA and other generators. These Limitations are established by PREPA and the generators.

Outages represent the reduction of electricity that can be generated by PREPA and other generators due to the unavailability of a unit, or various units. These outages can be scheduled or unscheduled.

Out-of-Service represents units that have been unavailable for a period of 12 months or longer.