

ERCOT Grid Operations
ESR Integration Report: mm/dd/yyyy

Current Daily Values:

Installed ESR Discharge Capacity*	#### MW
Total ESR Discharge Capacity**	#### MW
Installed ESR Charge Capacity+	#### MW
Total ESR Charge Capacity++	#### MW

Peak Load	#### MW
Peak Load Hour (HE)	##
ESR Discharge at Peak Load Hour	#### MW
ESR Charge at Peak Load Hour	#### MW
ESR Net Charge/Discharge at Peak Load Hour^	#### MW

Max ESR Discharge Generation	#### MW
Max ESR Discharge Time	mm/dd/yyyy hh:mi
Penetration at Max ESR Discharge Time	##.## %

Max ESR Charge Load	#### MW
Max ESR Charge Time	mm/dd/yyyy hh:mi
Penetration at Max ESR Charge Time	##.## %

Max ESR Discharge Penetration	##.## %
Max ESR Discharge Penetration Time	mm/dd/yyyy hh:mi
ESR Discharge Generation at Max ESR Discharge Penetration Time	#### MW

Max ESR Charge Penetration	##.## %
Max ESR Charge Penetration Time	mm/dd/yyyy hh:mi
ESR Charge Load at Max ESR Charge Penetration Time	#### MW

*Sum of maximum capacity (i.e. seasonal max. reasonability limit in RARF) of all ESR Generators that are modeled in ERCOT's Network Operations Model and are commercially operable (estimated based on Commercial Operations Date in RARF).

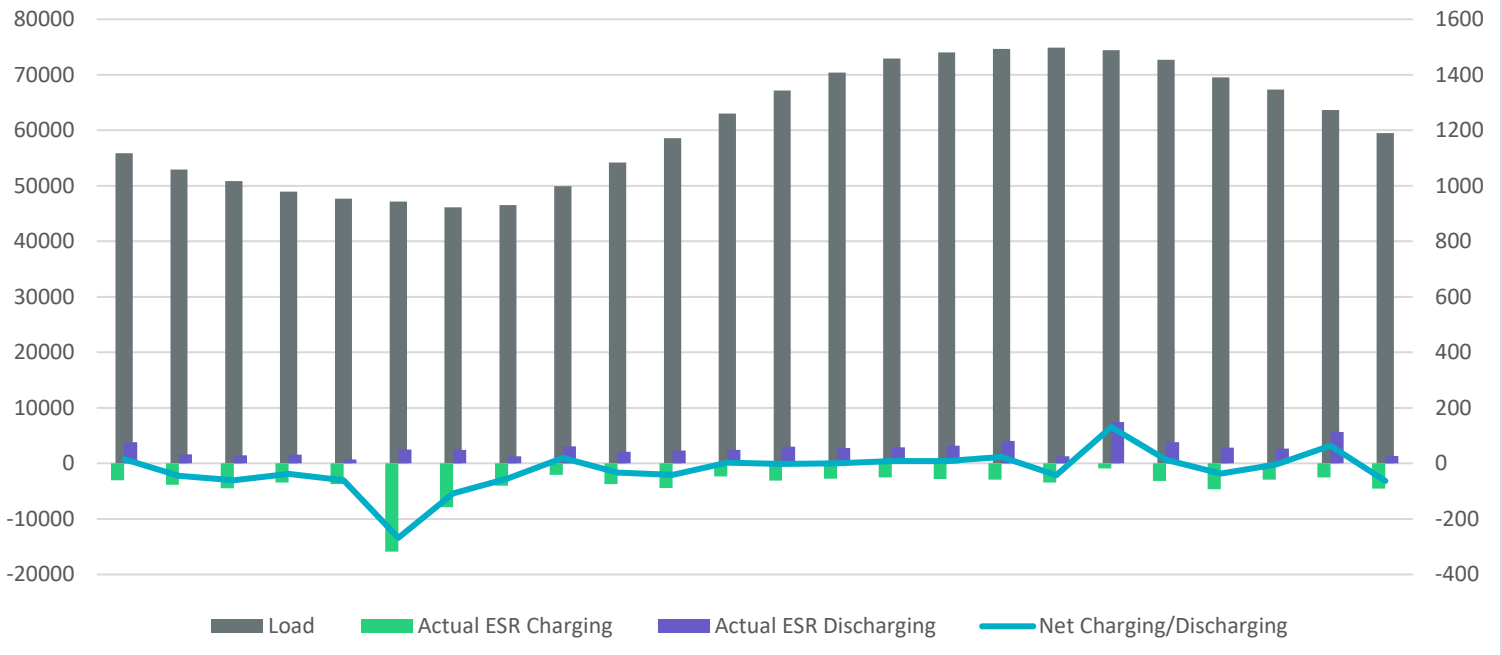
**Sum of maximum capacity (i.e. seasonal max reasonability limit in RARF) of all ESR Generators that are modeled in ERCOT's Network Operations Model.

+Sum of maximum capacity (i.e. max. power consumption in RARF) of all ESR CLRs that are modeled in ERCOT's Network Operations Model and are commercially operable (estimated based on Commercial Operations Date in RARF).

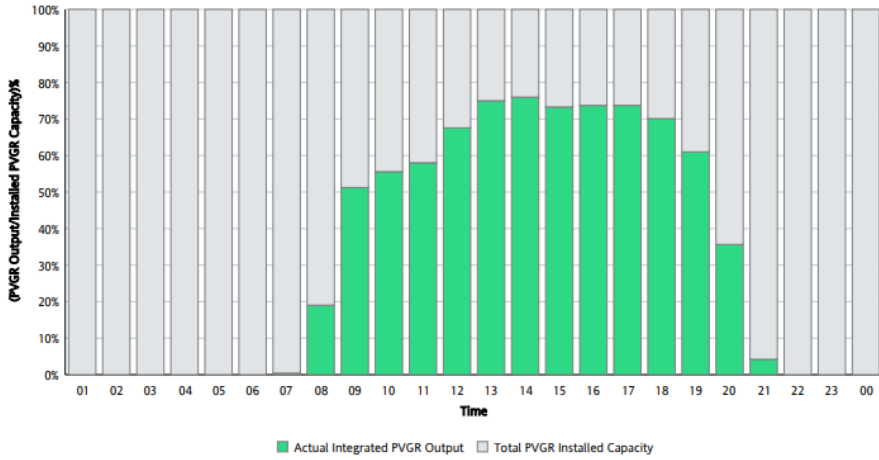
++Sum of maximum capacity (i.e. max. power consumption in RARF) of all ESR CLRs that are modeled in ERCOT's Network Operations Model.

^ESR Net Charge/Discharge = Total Discharging from ESR Generators – Total Charging from ESR CLRs. Positive represents Net Discharge; negative represents Net Charge.

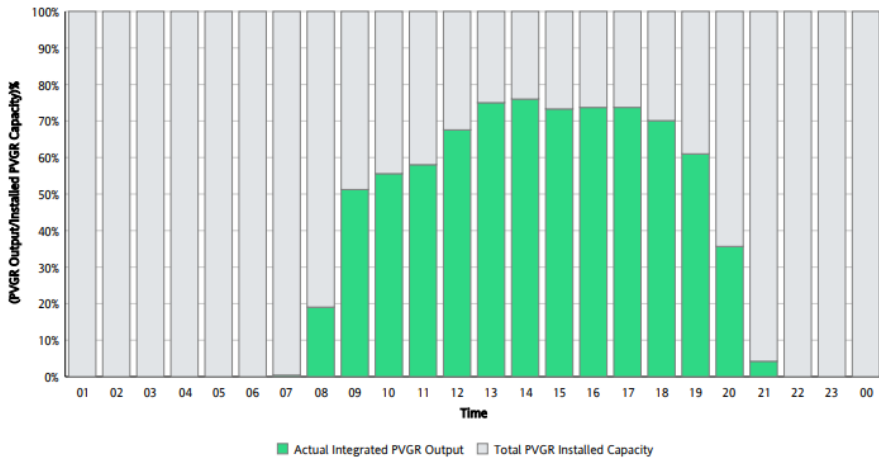
Hourly Average Actual Load vs. Actual ESR Output
6/12/2022



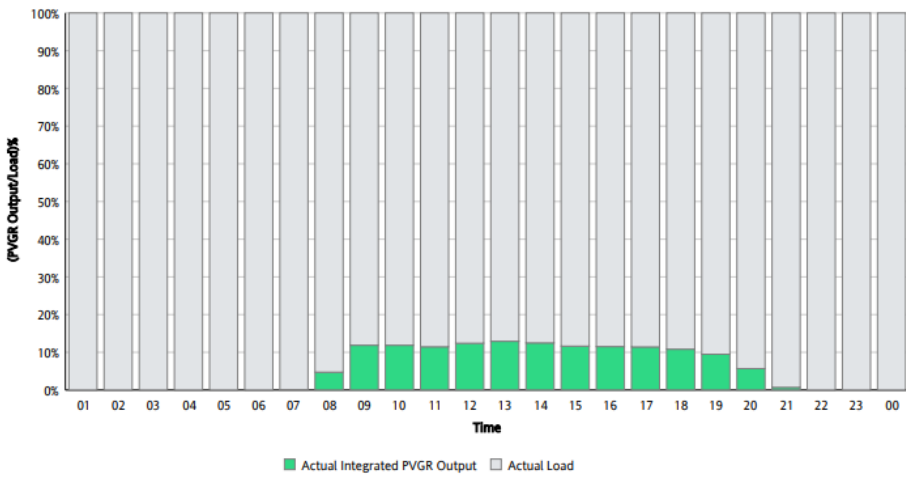
~~ESR Discharging~~ ~~ESR Discharge~~
~~Actual PVGR Output as a Percentage of the Total Installed PVGR Capacity~~
 06/12/2022



~~ESR Charging~~ ~~ESR Charge~~
~~Actual PVGR Output as a Percentage of the Total Installed PVGR Capacity~~
 06/12/2022



~~Net ESR~~
~~Actual PVGR Output as a Percentage of the ERCOT Load~~
 06/12/2022



ERCOT Load vs. Actual ESR Output
06/06/2022 - 06/13/2022

