

AUGUST 31, 2022

24-Hour Slice of Day LSE Showing Flexibility



Resource Showing Flexibility

Storage resources can discharge in any hour

- Assuming sufficient excess capacity during the 24-hour period to meet the charging needs of storage resources, LSEs have discretion to allocate energy storage discharge in the LSE's 24-hr slice-of-day showing.

LSEs have flexibility in showing generation (or discharge) from use-limited resources

- Within a resource's operating or contractual restraints (e.g., generate 5 hours per day, unspecified when), LSEs have discretion to allocate generation in any hour of the 24-hour showing.

Storage can charge from co-located energy only generation

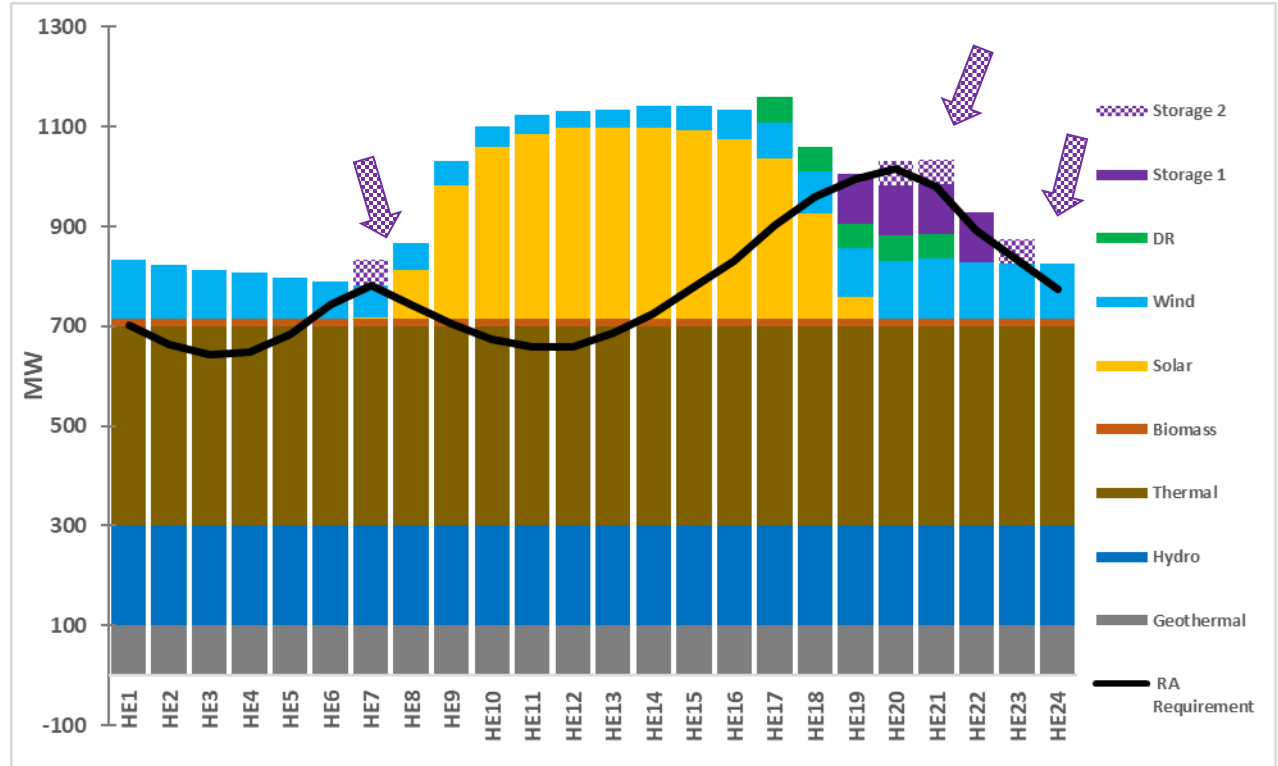
- 24-hr showing should count generation from energy-only (e.g., intermittent renewable) generation for co-located hybrid storage resources in determining sufficient excess capacity for storage resources.

Example 24-Hour Slice of Day LSE Showing

Example LSE RA Portfolio

Resource	Shown NQC MW	Duration	Available Hours
Geothermal	100	24	24
Hydro	200	24	24
Thermal	400	24	24
Biomass	15	24	24
Solar	400	24	24
Wind	300	24	24
DR	50	5	16-21
Storage 1	100	4	24
Storage 2	50	4	24

N.B. Generation portfolio and load shape are illustrative but not meant to represent the position of any specific LSE



Representing LSE RA Portfolios in the 24-Hr Showing

Resource Type	RA Showing Characteristic
Dispatchable Resources	Capacity shown to maximum capability of the resource in each hour
Solar and Wind Resources	Capacity shown to maximum generation shape in each hour as determined using an exceedance methodology
Storage Resources	Generation available up to maximum discharge capacity and duration, provided sufficient excess capacity to charge. LSE has discretion to allocate hours of storage discharge up to maximum capability of the resource, continuously or non-continuously
Use-limited Resources	Capacity shown to maximum capability of the resource within use limitations (e.g., operating hours, maximum daily run time)

Thank you

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