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(Austin, TX) – As part of continued efforts to increase transparency into grid operations, ERCOT today announced the new Energy Storage Resources (ESR) dashboard and Integration Report that provides Texans with a view of charging and discharging battery production on the grid.

“Energy Storage Resources (batteries) are connecting to the grid at an incredible rate and becoming a significant part of our resource mix,” said ERCOT Vice President of System Operations Dan Woodfin. “This new dashboard provides Texans with a real-time status of connected batteries’ aggregate charging and production output.”

The Energy Storage Resources dashboard displays previous and current day real-time battery storage discharging, charging, and net output information within the ERCOT system. The new daily ESR Integration Report includes aggregated installed capacity, percentage of contribution to total system load, and statistics on production during peak load for the ERCOT system.

The ESR dashboard is accessible from the Grid and Market Conditions page, and the ESR Integration Report is located here. Read the Market Notice for more information.

In addition to the ESR dashboard, ERCOT plans to add a new Outages dashboard showing planned and forced real-time generation outages to its current suite of dashboards in mid-December.

June wasn"t only the largest-ever increase in rated power and energy capacity in ERCOT. It also saw the commissioning of the largest-ever battery projects - both in terms of rated power and energy capacity.

This means that Plus Power systems now make up 20% of ERCOT"s total installed battery energy storage capacity (MWh). Plus Power overtook Jupiter Power with the installation of these two new systems.

As an aside, Eolian"s Madero Unit 1 and Unit 2 are located at the same site, and if aggregated as one single site, would be the largest site in ERCOT by energy capacity at 500 MWh. However, as these two units operate independently of one another (as per the ERCOT data that Modo uses to populate the ERCOT BESS Index), they are therefore counted as two separate assets in this analysis.

Elsewhere, Hunt Energy Network continued to add to their network of one-hour, 9.9 MW resources. In June, Farmersville West 1 and Mainland became commercially operational. This brings Hunt"s total number of battery energy storage systems in commercial operations up to 24.

Longer-duration systems can better capture revenues from Energy arbitrage. They"re also more suited to some Ancillary Service markets - like the ERCOT Contingency Reserve and Non-Spinning Reserve Services.

This explains the shift toward two-hour systems. The proportions of revenues earned via Regulation and Responsive Reserve will decrease - as more batteries coming online saturate those markets.

Modo subscribers can read the rest of the report below - to learn more about what we expect to happen in the next 18 months. You can also download the data behind this report.

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