Monthly Highlights

• The maximum demand in May 2020 was 64,396 MW*, which was 3,564 MW more than the May 2019 demand of 60,832 MW.

• ERCOT issued 5 notifications:
  – 5 Advisories issued for delay in clearing DAM and posting DAM solution.

* Preliminary value from June release of Demand and Energy 2020 report.
Monthly energy generation decreased by 2% year-over-year to 31,272 GWh in May 2020, compared to 32,042 GWh in May 2019.

Data for latest two months are based on preliminary settlements.
Generation Interconnection activity by project phase
(excludes capacity associated with Projects designated as Inactive per Planning Guide Section 5.7.6)

<table>
<thead>
<tr>
<th>Project Count</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td># Signed Interconnect Agreement</td>
<td># Completed Full Study</td>
</tr>
<tr>
<td># in Full Study</td>
<td># Screening Study Complete</td>
</tr>
<tr>
<td># Initial Screening study</td>
<td>Planned Capacity</td>
</tr>
</tbody>
</table>

A break out by fuel type can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: [http://www.ercot.com/gridinfo/resource](http://www.ercot.com/gridinfo/resource)
Interconnection Queue Capacity by Fuel Type

Queue totals: Solar 72 GW (62%), Wind 26 GW (22%), Gas 5 GW (4%), Battery 12 GW (11%), Coal 0.4 GW (0.4%)
(excludes capacity associated with Projects designated as Inactive per Planning Guide Section 5.7.6)

A break out by zone can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: [http://www.ercot.com/gridinfo/resource](http://www.ercot.com/gridinfo/resource)
Planning Summary

• ERCOT is currently tracking 595 active generation interconnection requests totaling 116,528 MW. This includes 72,191 MW of solar, 25,958 MW of wind, and 12,381 MW of battery projects as of May 2020.

• ERCOT is currently reviewing proposed transmission improvements with a total estimated cost of $1,314.67 Million as of May 31, 2020.

• Transmission Projects endorsed in 2020 total $319.10 Million as of May 31, 2020.

• All projects (in engineering, routing, licensing and construction) total approximately $7.45 Billion as of February 1, 2020.

• Transmission Projects energized in 2020 total about $122 Million as of February 1, 2020.
ERCOT set a maximum peak demand of 64,396 MW* in May 2020, which is 3,564 MW more than the May 2019 demand of 60,832 MW.

*Based on the maximum net system hourly value from June release of Demand and Energy 2020 report.

**Based on the minimum net system 15-minute interval value from June release of Demand and Energy 2020 report.

Data for latest two months are based on preliminary settlements.
The Mid-Term Load Forecast is an hourly forecast that looks 7 days into the future.
The Short-Term Wind Power Forecast (STWPF) is an ERCOT produced hourly 50% probability of exceedance forecast of the generation in MWh per hour from each Wind Generation Resource.
ERCOT’s performance based payment structure for Wind Forecasts with both vendors incentivizes improvements in forecast performance during hours that are of more importance to operational reliability. This approach is a paradigm shift from the “traditional” methodology of measuring wind forecast performance as a singular monthly average metric.

Forecast performance during large down ramp (wind ramp > 2000 MW) hours and high risk hours (historic risk of load ramping up and wind ramping down is high) is focused upon. Note that for the purposes of forecast performance measurement every hour in a month is classified as either a large down ramp hour or a high risk hour or something else. Any hour that is a high risk hour wherein a large down ramp was experienced will be tracked as a large down ramp hour.
Current Operating Plan (COP) Performance

- COPs for IRRs are derived from wind and solar forecasts from ERCOT with any adjustments from Qualified Scheduling Entities.
- The installed capacity of approved Wind Units is 27,973 MW (as of May 31, 2020).
- The installed capacity of approved Solar Units is 3,800 MW (as of May 31, 2020).
The most significant constraints in May include DJEWSNG5: JK_TOKSW_1 and DHCKSAG8: 6265__A in the North Zone and DCC3_NED: NEDIN_138H and XNED258: NEDIN_138H in the South Zone.

Congestion Rent is determined using the shadow prices and MW flows for individual constraints in SCED as well as the length in time of SCED intervals.

The “Cross Zone” category consists of cases in which the substations on either end of the constraint are in different zones.
“Effective Resource-hours” excludes any period during a Reliability Unit Commitment hour when the RUC-committed Resource was starting up, shutting down, off-line, or otherwise not available for dispatch by SCED.
Net Allocation to Load in May 2020 was $-18.8 Million

This information is available in tabular form in the Settlement Stability Report presented quarterly to the Wholesale Market Subcommittee.

[Diagram showing net allocation to load over time with specific months and amounts for each category, such as Ancillary Service, ERCOT Administrative Fee, Real-Time Revenue Neutrality, Balancing Account Payout to Load, CRR Auction Distribution, Real-Time Ancillary Service Imbalance, and Other Settlements.]

- Ancillary Service
- ERCOT Administrative Fee
- Real-Time Revenue Neutrality
- Balancing Account Payout to Load
- CRR Auction Distribution
- Real-Time Ancillary Service Imbalance
- Other Settlements
- Total Allocation to Load
Real-Time Revenue Neutrality Allocated to Load was $15.15M for May 2020

<table>
<thead>
<tr>
<th>May 2020 ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Real-Time Energy Imbalance</td>
</tr>
<tr>
<td>Real-Time Point-to-Point Obligation</td>
</tr>
<tr>
<td>Real-Time Congestion from Self-Schedules</td>
</tr>
<tr>
<td>DC Tie &amp; Block Load Transfer</td>
</tr>
<tr>
<td>Load Allocated Revenue Neutrality</td>
</tr>
</tbody>
</table>
Ancillary Services for May 2020 totaled $19.09M
Day-Ahead and Real-Time Market Price Differences

Averages are weighted by Real-Time Market Load.

The dotted lines represent the bounds for major outliers.

* Averages are weighted by Real-Time Market Load.
Percentage of Real-Time Load Transacted in the Day-Ahead Market

The dotted lines represent the bounds for major outliers.
CRR Value and Cost Differences

The chart illustrates the differences between value and cost over time. The blue bars represent costs, while the dark bars represent values. The y-axis on the left shows costs in millions of dollars, ranging from $0 to $250 million, and the y-axis on the right shows value differences in millions of dollars, ranging from -$50 million to $150 million. The data is presented monthly from May 2018 to May 2020.
The CRR Balancing Account was fully funded and excess amounts were allocated to Load
Available Credit by Type Compared to Total Potential Exposure (TPE)

*Numbers are as of month end except for Max TPE
# Retail Transaction Volumes – Summary – May 2020

<table>
<thead>
<tr>
<th>Transaction Type</th>
<th>Year-To-Date May 2020</th>
<th>Year-To-Date May 2019</th>
<th>Transactions Received May 2020</th>
<th>Transactions Received May 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switches</td>
<td>424,265</td>
<td>561,018</td>
<td>99,776</td>
<td>145,059</td>
</tr>
<tr>
<td>Acquisition</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Move - Ins</td>
<td>1,059,835</td>
<td>1,183,475</td>
<td>208,903</td>
<td>253,622</td>
</tr>
<tr>
<td>Move - Outs</td>
<td>517,407</td>
<td>547,632</td>
<td>108,513</td>
<td>123,888</td>
</tr>
<tr>
<td>Continuous Service Agreements (CSA)</td>
<td>242,135</td>
<td>533,293</td>
<td>25,369</td>
<td>67,292</td>
</tr>
<tr>
<td>Mass Transitions</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>2,243,642</td>
<td>2,825,418</td>
<td>442,561</td>
<td>589,861</td>
</tr>
</tbody>
</table>