Other regions may refer to these resources as Distributed Energy Resources (DERs). In some cases, Demand Response (DR) is also included.

### Demand Response (DR) in ERCOT

**Load reduction in response to an economic or reliability signal**

#### Operational DR
- Paid and dispatched by ERCOT
  - Load Resources providing Responsive Reserve Services (RRS)
  - Emergency Response Service (ERS)

#### Economic DR
- May be initiated by electricity provider or customer (i.e., smart thermostats under direct load control)

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### Distributed Generation (DG) in ERCOT*

<table>
<thead>
<tr>
<th>Registration</th>
<th>Compensation</th>
<th>Dispatchable</th>
<th>Unit Size</th>
<th>Technologies</th>
<th>2020 Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unregistered Distributed Generation</td>
<td>Not registered with ERCOT</td>
<td>No (but customers may be compensated by their electric providers)</td>
<td>N/A</td>
<td>Systems typically less than 1 MW (connected to the grid but may or may not inject into the grid) • Systems greater than 1 MW (connected to the grid but do not inject into the grid)</td>
<td>Estimated at 1,120 MW; of that, 990 MW is rooftop solar <strong>Exact number of projects unknown and some capacity may not be accounted for</strong></td>
</tr>
<tr>
<td>Settlement-Only Distributed Generation (SODG)</td>
<td>Registered with ERCOT (systems that are 1 MW or greater and inject into the grid are required to register)</td>
<td>Yes (compensated for energy)</td>
<td>Self-dispatched</td>
<td>Each unit is typically less than 10 MW</td>
<td>931 MW <strong>Representing 292 projects</strong></td>
</tr>
<tr>
<td>Distribution Generation Resources (DGR)</td>
<td>Registered with ERCOT</td>
<td>Yes (compensated for energy and/or Ancillary Services)</td>
<td>Dispatched by ERCOT</td>
<td>Each unit is typically less than 10 MW</td>
<td>123 MW operational; additional 237 MW in interconnection queue <strong>Representing 41 projects</strong></td>
</tr>
</tbody>
</table>

*Distribution level is <60 kV

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Distributed Generation (DG)

- Unregistered
  - Typically <1 MW
  - Rooftop solar
  - Fossil-fuel units (Natural gas-fired and diesel)
  - Small commercial solar

- Registered
  - Typically <10 MW
  - Settlement-Only Distributed Generation (SODG)
  - Distribution Generation Resources (DGR)
    - Compensated for energy
    - Batteries
    - Other technologies

Demand Response (DR)

- Operational
  - Responsive Reserve Services (RRS)
  - Emergency Response Service (ERS)

- Economic
  - Electric Provider Program
  - Customer-driven