

Distributed Generation (DG) in ERCOT*

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

	Registration	Compensation	Dispatchable	Unit Size	Technologies	EOY 2022 Totals
Unregistered Distributed Generation	Not registered with ERCOT	No (but customers may be compensated by their electric providers)	N/A	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Rooftop solar Gas-fired generators Diesel generators 	<p>Estimated at 2,470 MW (2,100 MW of total is rooftop solar)</p> <p><i>Exact number of sites and capacity unknown; quarterly data provided by market participants</i></p>
Settlement Only Distribution Generators (SODGs)	Registered with ERCOT (systems that are 1 MW or greater and inject into the grid are required to register)	Yes (compensated for energy)	Self-dispatched	Each unit is typically less than 10 MW	<ul style="list-style-type: none"> Utility-scale solar Commercial solar Gas-fired generators Diesel generators 	<p>1,004 MW</p> <p><i>(374 SODGs)</i></p>
Distribution Generation Resources (DGRs)	Registered with ERCOT	Yes (compensated for energy and/or Ancillary Services)	Dispatched by ERCOT	Each unit is typically less than 10 MW	Currently all batteries	373 MW

Demand Response (DR) in ERCOT

Load reduction in response to an economic or reliability signal

Operational DR

Paid and dispatched by ERCOT

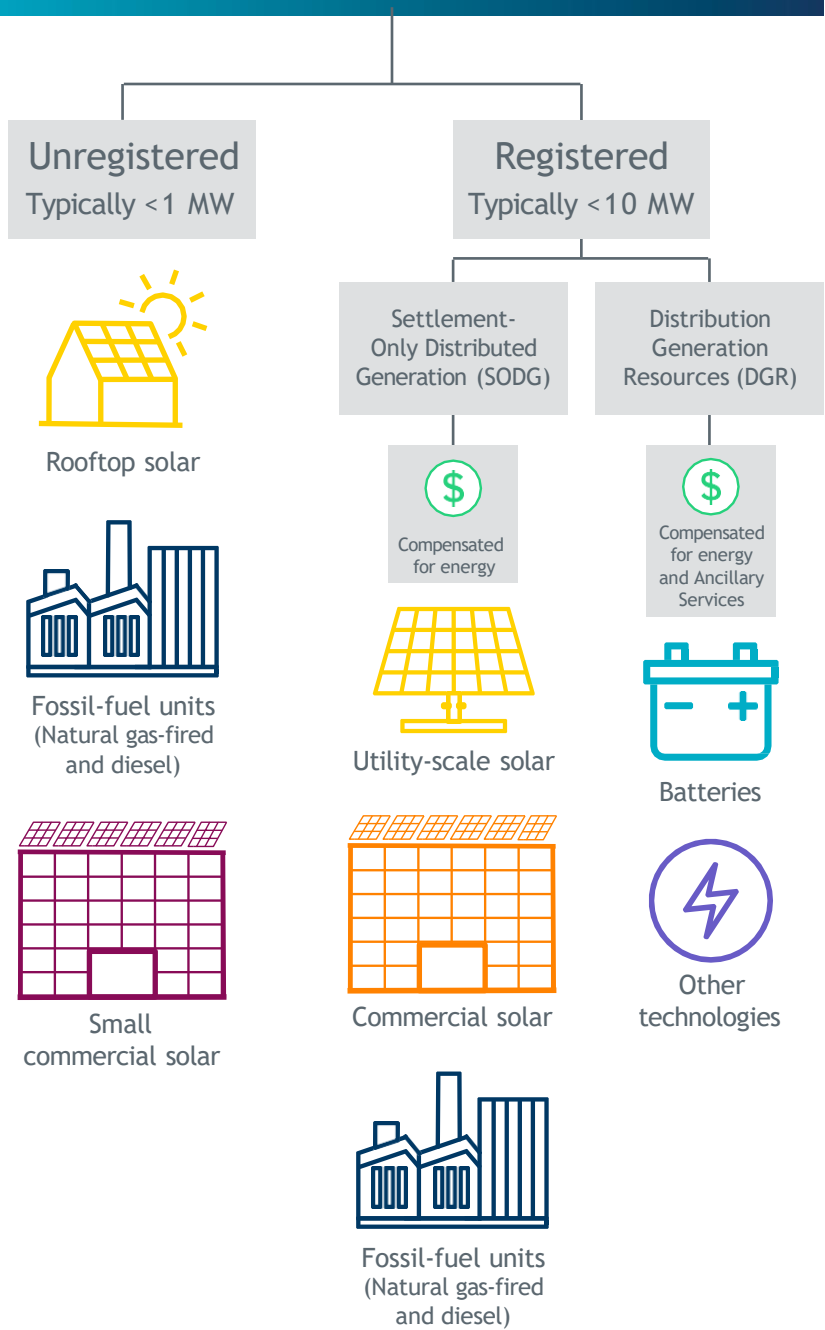
- Load Resources providing Responsive Reserve Services (RRS)
- Emergency Response Service (ERS)

Economic DR

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

*Distribution level is <60 kV

Distributed Generation (DG)



Demand Response (DR)

