Distributed Energy Resources in the ERCOT Region

Draft Outline

* Participation in ERCOT wholesale markets
	+ DER minimal
		- Passive participation
		- Settled at Load Zone SPP
		- Separate metering of load and generation not required (net metering allowed)
		- For the most part, business as usual for current registered and unregistered DG
	+ DER light
		- Supports aggregations
		- Passive participation
		- Settled at applicable electrical bus LMP, or weighted LMP average for multiple buses
		- Separate metering of gross load and gross generation required
		- Requires Real-Time or near Real-Time information to ERCOT
	+ DER heavy
		- Supports aggregations
		- Active participation (energy and ancillary services)
		- Settled at “Logical” Resource Node assigned to DER
		- Separate metering of gross load and gross generation required
		- Requires information to ERCOT the same or similar to what traditional Resources provide
* Modeling Requirements
	+ Data from TDSPs
	+ Resource specific operational data (single site or aggregations)
* Registration / Interconnection Requirements
	+ ERCOT
	+ TDSP
* Settlement Mechanisms
* Forecasting tools
* Compliance metrics