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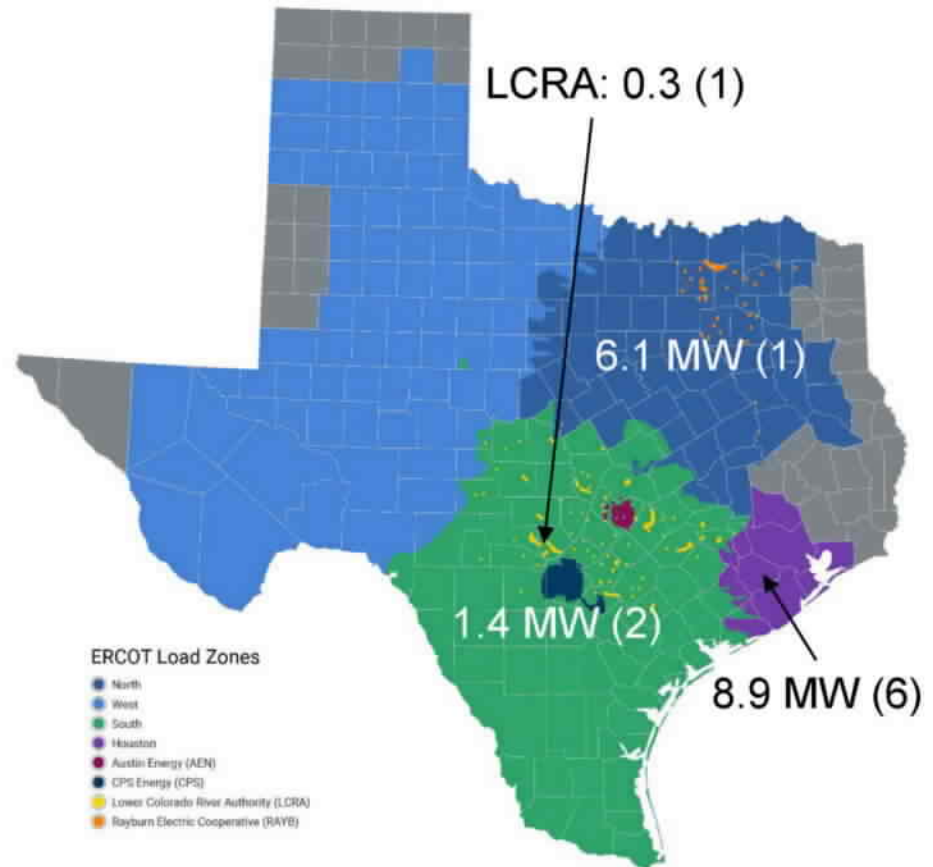
ERCOT –ADER Task Force Quarterly Update

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ADER Task Force Meeting
April 26, 2024

Pilot Project status overview

- There are currently 2 ADERs that have been qualified to participate in the wholesale electric market with participation starting in late August, 2023.
 - 16.7 MW capability for energy
 - 7.1 MW capability for Non-Spinning Reserve Service (Non-Spin)
- ERCOT has accepted 8 additional Details of the Aggregation (DOTA) forms. These potential ADERs are in various stages of registration and qualification and cannot fully participate at this time.
- Following slides will outline further activities and discussions with stakeholders that have taken place this quarter.



*DOTA energy capability and ADER count for
10 ADERs with approved DOTA forms*

Participation limits tracking as of – April 15, 2024

		LZ AEN	LZ CPS	LZ HOUSTON	LZ LCRA	LZ NORTH	LZ RAYBN	LZ SOUTH	LZ WEST	ERCOT-WIDE
Energy	Limit (MW)	2.8	5.3	20.3	3.1	28.7	1.2	10.3	8.2	80.0
	Approved (MW)	0.0	0.0	8.9	0.3	6.1	0.0	1.4	0.0	16.7
	Unused (MW)	2.8	5.3	11.4	2.8	22.6	1.2	8.9	8.2	63.3
	% Full	0%	0%	44%	10%	21%	0%	14%	0%	21%
Non-Spin	Limit (MW)	1.4	2.7	10.1	1.6	14.3	0.6	5.2	4.1	40.0
	Approved (MW)	0.0	0.0	3.7	0.0	3.0	0.0	0.4	0.0	7.1
	Unused (MW)	1.4	2.7	6.4	1.6	11.3	0.6	4.8	4.1	32.9
	% Full	0%	0%	37%	0%	21%	0%	8%	0%	18%
ECRS	Limit (MW)	1.4	2.7	10.1	1.6	14.3	0.6	5.2	4.1	40.0
	Approved (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unused (MW)	1.4	2.7	10.1	1.6	14.3	0.6	5.2	4.1	40.0
	% Full	0%	0%	0%	0%	0%	0%	0%	0%	0%

Q1 Activities

- Review and approval of additional DOTA submissions including in Non Opt-In Entity (NOIE) Territories
 - Clarification/reminder that “Expected Registered Capacity for ADER” value can be less than Maximum Rated Capacity
- Regular stakeholder discussions with interested parties wanting to further understand the pilot, requirements and opportunities to participate
- Initial conversations around the potential framework for the provision RRS by ADERs
- Identified need for further engagement with Task Force and Commission on interoperability and technical standards for DERs

Next Steps

- Continued analysis and engagement with stakeholders in support of Phase 2 Policy Questions:
 - Review of resource participation including ECRS provision when qualified
 - Additional analysis of alternative modelling using a ‘quasi-nodal’ dispatch of resources compared to load zone shift factors to understand impacts/benefits
 - Analysis and evaluation of alternative dispatch compliance metrics for ADERs and smaller <2 MW resources
 - Discussion and investigation of alternative participation models
 - Participation and feedback in discussions on interoperability and standards at the Task Force and in related forums