



ADER Pilot Phase 4: ADESR

ERCOT Market Design

DSWG | October 19, 2026

Posted

The draft Phase 4 Governing Document is posted on the DSWG page – a redline against the approved Phase 3.3, and a clean version.

Developed

Through internal ERCOT review and a series of stakeholder sessions over recent months.

Today

1. A summary of the Phase 4 revisions
2. Stakeholder process and timeline

Key Takeaway

The draft is posted and open for stakeholder feedback.

Summary of Phase 4 Governing Document revisions – the ADESR

Phase 4 adds one participation option. Participation as an ALR or NCLR is unchanged. The detail is in the posted redline.

What changed	Explanation
The ADESR	An aggregation of distribution-connected energy storage devices that map to the same CIM Load (substation transformer). ADESRs will be modeled in substantially the same manner as a DESR and are dispatched through SCED using nodal shift factors.
Size and limits	The nameplate capacity must have a minimum aggregate injection capability of 1 MW, with no cap imposed by the Governing Document unless established by the DSP or TSP. There are no ERCOT-level participation limits for ADESRs – the Pilot Program’s energy, Non-Spin and ECRS limits do not apply. There may be TSP or DSP location-based limits.
Pilot characteristics and exceptions	A non-biddable Resource Node where newly created; not currently eligible to provide Ancillary Services; an ADESR-specific DOTA form covering one CIM Load per form; and not currently subject to Protocols § 3.8.6 or the ride-through requirements in Nodal Operating Guide Sections 2.6 and 2.9 – the DSP’s requirements apply instead.

Summary of revisions – registration, telemetry and Settlement

Phase 4 adds one participation option. Participation as an ALR or NCLR is unchanged. The detail is in the posted redline.

What changed	Explanation
Registration	The Resource Entity must register the Resource through the RIOO application using the process designated by ERCOT for an ADESR, and must identify the Resource as an aggregation. Existing TSP and DSP studies and registration reviews applicable to a DESR continue to apply.
Telemetry	ADESR telemetry must be derived from device-level data for all approved devices identified in the DOTA form. A two-step validation process gives ERCOT operations assurance that Resource-level telemetry, including State of Charge, reasonably represents the aggregate behavior and capability of the devices.
Settlement	No single physical meter at a Point of Interconnection; energy from ADESRs will be settled at the applicable Load Zone price.
New evaluation objectives	Evaluate the dispatch of ADESRs at a nodal level using nodal shift factors, including the effects on transmission congestion; develop and evaluate options of metering approaches and nodal Settlement processes; and the DSPs, in coordination with ERCOT, will evaluate how routine changes to distribution system connectivity impact the capability and mapping of ADESRs.

A large part of the redline is editorial. Historical narrative has been consolidated into a phase progression table, provisions have been scoped to the participation option they apply to, defined terms aligned, and sections restructured for readability.

Stakeholder process and timeline

The draft is posted and open for stakeholder feedback.

October 12	October 19	November 4	November 18	December 7
Draft posted	DSWG	WMS	TAC	ERCOT Board

Written comments to pilotprojects@ercot.com by October 26 so they can be reflected ahead of WMS on November 4. ERCOT will continue to take feedback after WMS and ahead of TAC, and is available to meet individually with stakeholders on the draft.

Questions

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