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| PGRR Number | [134](https://www.ercot.com/mktrules/issues/PGRR134) | PGRR Title | Interconnection Studies Reform for Dispatchable Loads |

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| Date | November 20, 2025 |

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| Cell Number |  |
| Market Segment | Not applicable |

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| Comments |

GridCARE is a leading venture-backed startup solving the most critical bottleneck in AI’s growth trajectory: immediate access to power. GridCARE’s pioneering physics-based generative AI platform — paired with a unique go-to-market strategy in partnership with utilities — unlocks and secures gigawatts of immediate power capacity from today’s grid. Founded at Stanford’s Doerr School, GridCARE has assembled an unmatched team of electric grid and AI experts.

**PGRR 134: An Important Step to Bring Speed to Power and Beneficial Load Growth**

GridCARE supports the Urgent status and consideration of Planning Guide Revision Request (PGRR) 134, which recognizes that flexibility is the fastest path to interconnection for large loads to drive beneficial load growth and maintain system reliability. Allowing Interconnecting Large Load Entities (ILLEs) to be studied as a Controllable Load Resource (CLR) in the Steady State analysis is an important step toward unlocking latent capacity on the grid, and is consistent with Texas SB 6 requirements.

GridCARE believes PGRR134 will deliver four critical benefits to the ERCOT market:

* Speed to Power: Enables the earlier energization of beneficial load growth by mitigating current constraints through the CLR Election Study.
* Accelerated Revenue: Brings new load onto the system sooner, accelerating the economic activity and the funding base for system upgrades.
* Lower Rates: Secures smart load growth through spreading fixed infrastructure costs over more energy sales, decreasing average rates while enabling system investment.
* Preserves Reliability and Resource Adequacy: Enables the system with dispatchable load-reduction capability to preserve reliability and informs an IILE’s investment in on-site back-up power generation, contributing to overall resource adequacy.

**Unlocking ERCOT’s Potential**

Recently published research indicates the ERCOT system could have 6.5 GW - 14.7 GW of load addition available on its system at 0.25% - 1% respective curtailment levels.[[1]](#footnote-1) GridCARE was founded on the premise and potential of partnering with hyperscalers and utilities to unlock existing capacity on the grid to create a win-win-win for data centers, utilities, and electricity consumers.

This potential was realized through a recent partnership with Portland General Electric, where GridCARE’s AI-driven capacity acceleration model recently enabled 400 MW of AI data center projects to be energized beginning in 2026, versus initial utility projected service availability beyond 2030.[[2]](#footnote-2) This approach unlocked capacity within existing infrastructure and improved system utilization, thereby helping to reduce rates for all consumers.

GridCARE’s platform can provide technical assurance for TSPs to gain confidence that an ILLE can reliably and verifiably dispatch down to its Low Power Consumption, as modeled in the CLR Election Study, and economic and operational certainty for ILLE’s to match their flexibility resources and computational workloads to grid availability.

In closing, PGRR 134 is an important step to maintain grid reliability while incorporating flexibility into planning processes, enabling speed to power, and realizing beneficial load growth.

GridCARE stands ready to partner with ERCOT TSPs and ILLEs to deploy this solution and unlock ERCOT system’s capacity potential moving forward.

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| Revised Cover Page Language |

None

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| Revised Proposed Guide Language |

None

1. [Rethinking Load Growth: Assessing the Potential for Integration of Large Flexible Loads in US Power](https://nicholasinstitute.duke.edu/publications/rethinking-load-growth) [Systems.](https://nicholasinstitute.duke.edu/publications/rethinking-load-growth) [↑](#footnote-ref-1)
2. [Oregon Utility Tries Out a Faster, Cheaper Way to Power Data Centers](https://www.canarymedia.com/articles/data-centers/oregon-utility-tries-out-a-faster-cheaper-way-to-power-data-centers) [↑](#footnote-ref-2)