LARGE-LOAD RULES BY REGION, OCTOBER 2026: THE RIDE-THROUGH RULES ARE CONVERGING ON THE IBR TEMPLATE.

Every region is writing two sets of rules for data-center-scale loads at once: **reliability requirements** the grid imposes on the load (ride-through, data, models, PMUs, ramp limits) and **flexible or non-firm service** the load can elect to connect sooner. The same facility must satisfy both. This brief compares the three ride-through rules in effect, on file or proposed, then sets out where each region stands and the dates that matter through mid-2027. Compiled from public filings and stakeholder materials, checked October 8, 2026; several rows are proposals, not approved tariff.

PARAMETER	ERCOT NOGRR 282 (IN EFFECT AUGUST 1, 2026)	MISO ER26-3650 (FILED AUGUST 28; CURVE PER JUNE DRAFT)	PJM PROPOSAL (REVISED OCTOBER 6, 2026)
Applies to	Large loads of 75 MW or more, half or more power-electronic	Computational part of large loads of 50 MW or more (25 MW or more of IT-equipment demand)	Large computational loads, 50 MW or more with 25 MW or more power-electronic
Continuous range	0.90 to 1.10 pu and 58.8 to 61.2 Hz	0.90 to 1.20 pu, no power reduction; 58.8 to 61.2 Hz	0.90 to 1.10 pu and 58.8 to 61.2 Hz
Frequency bands	299 s at 57.5 to 58.8 and 61.2 to 63.0 Hz	57.0 to 58.8 and 61.2 to 61.8 Hz; RoCoF to 5 Hz/s	299 s at 57.0 to 58.8 and 61.2 to 61.8 Hz
Deep voltage sag	0.25 s at 0.35 to 0.50 pu; 0.15 s below 0.35; cooling may trip below 0.35	Draft curve allows tripping below 0.25 pu	Reduce as needed below 0.50 pu; cooling may trip below 0.35
Recovery	90% of pre-disturbance within 2 s of voltage above 0.9 pu	Back to 90% within 1 s	Back to 90% within 2 s
Protection	No unfiltered instantaneous trips; counter schemes only where equipment-limited, and then six sags or swells in 90 s; overcurrent cap 150% for 0.5 s	Three events in 10 s; 1.1 pu V/Hz for 45 s	No counter schemes; overcurrent cap 150%

Ramp limits follow the same pattern: ERCOT drafts 10 MW per 5 s, MISO sets limits in its BPM, PJM sets a ramp rate in 2027. MISO's filed tariff puts the ride-through criteria in its BPM; the values shown are its June draft. PRC-024 became PRC-029 for inverter-based generators; these load curves share that shape, and NERC's Large Loads Working Group is drafting a separate disturbance-performance SAR with a national envelope.

TRACK 1 · RELIABILITY REQUIREMENTS

What the grid requires of the load. Ride-through curves, modeling data, PMU and disturbance monitoring, ramp limits and protection coordination. ERCOT's NOGRR 282 is in effect; MISO's ER26-3650 is on file (data, models, PMU, ramp, ride-through at 50 MW); PJM's ride-through design is revised and heads to FERC. NERC's Project 2026-02 standards and companion registry criteria would register computational loads of 50 MW and more at 100 kV and above as Computational Load Owners and Operators.

RM26-4, the DOE-directed large-load rulemaking, stays open. A nationwide rule reaching non-RTO regions is still possible.

TRACK 2 · FLEXIBLE OR NON-FIRM SERVICE

What the load can elect. SPP CHILLS (accepted subject to condition June 5, effective July 1), MISO FLITS (in design), CAISO FILI (interim; FLIP deferred), ISO-NE interim and non-firm contract demand service, and PJM IRAS, which attaches by default to a new large load without new capacity from June 1, 2027 (ER26-3515, pending).

In GridStrong's client work, most developers are tracking one track. A facility that satisfies its ride-through rule and signs up for conditional service still owes the data, model and monitoring requirements of its region.

Sources (page 1): ERCOT Nodal Operating Guide Sections 2.6.4 and 2.15, August 1, 2026 text (NOGRR 282) · MISO filing in Docket No. ER26-3650 (August 28, 2026) and the MISO Large Loads Working Group compendium of June 29, 2026 · PJM Planning Committee materials of September 8 and October 6, 2026 · PJM filing in Docket No. ER26-3515 · NERC Project 2026-02 Computational Loads postings · FERC Docket No. RM26-4. Checked October 8, 2026. Educational material, not compliance advice.

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WHERE EACH REGION STANDS, AND THE NEXT EIGHT MONTHS.

REGION	RELIABILITY REQUIREMENTS	FLEXIBLE OR NON-FIRM SERVICE	NEXT DATE
ERCOT	NOGRR 282 ride-through in effect August 1 (75 MW, half electronic). PGRR 144 model quality recommended for approval by the ERCOT Board September 15, now at the PUCT. Draft 10 MW per 5 s variation limit.	SB 6 curtailment authority; the PUCT adopted the interconnection rule (16 TAC 25.194) September 18, effective October 8. Batch Zero: 362 loads conditionally classified, about 192 GW.	Variation NOGRR, not yet filed (ERCOT targeted September or October)
MISO	ER26-3650 filed August 28: data, models, PMU, ramp, ride-through at 50 MW.	FLITS non-firm service in design. Zero-injection GIA filed August 18 (ER26-3552). LARS paired-study queue filed October 2 (ER27-25).	Show-cause answer November 16; December 2 and December 4 requested
PJM	Ride-through proposed September 8, revised October 6 (50 MW with 25 MW power-electronic; no voltage test). Ramp design in 2027.	IRAS (ER26-3515, pending): loads without new capacity cut first, from June 1, 2027.	FERC filing November 16
SPP	HILL study process, accepted January 14, 2026.	CHILLS accepted subject to condition June 5, effective July 1: up to seven years conditional.	Show-cause in abeyance to November 20
CAISO	50 MW definition, no voltage test.	FILI (interim) in the September 24 draft final; FLIP (permanent) deferred. Board October 28.	Section 205 filing November 16
ISO-NE	50 MW above 60 kV. 90-day studies, EMT where needed.	Bring your own new capacity; firm, interim and non-firm service.	Section 205 filing November 16

NYISO is in abeyance with a firm and non-firm split under design; its Section 205 filing is slated for about March 2027. FERC's show-cause orders of June 18, 2026 (EL26-67 to EL26-72) are the clock behind the November dates.

Oct 15 and Oct 28, 2026
CAISO comments close on the draft final; CAISO Board acts on FILI.

Nov 16 and Nov 20, 2026
PJM, CAISO and ISO-NE Section 205 filings; MISO's show-cause answer (EL26-70); SPP show-cause abeyance ends.

Dec 2 and Dec 4, 2026
MISO's requested effective dates for LARS and for ER26-3650.

Dec 31, 2026
NERC's deadline to file the Project 2026-02 computational-load standards, set by FERC in RD26-7.

Jun 1, 2027
PJM IRAS attaches to new large loads without new capacity, if FERC accepts ER26-3515.

Sources (page 2): ERCOT Board materials of September 15 and the September 3, 2026 Batch Zero classification; PUCT 16 TAC 25.194 (adopted September 18, 2026); Texas SB 6 Section 37.0561 · MISO Dockets ER26-3650, ER26-3552, ER27-25 · PJM Docket ER26-3515 and Planning Committee materials · SPP HILL (accepted January 14, 2026) and CHILLS (accepted June 5, 2026) · CAISO draft final proposal of September 24, 2026 · ISO-NE large-load design materials · FERC show-cause orders EL26-67 to EL26-72 (June 18, 2026) and Docket RD26-7. Checked October 8, 2026. Educational material, not compliance advice.

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