

# **Decision Brief - DC\_ONCOR\_100MW\_Single\_2027 Q4**

Operator: ERCOT; TDSP: ONCOR; Load: 100 MW; COD target: 2027Q4.

1) Current conclusion: Screening status is conditional. Energization is not requested.

2) Blocking now: the following items must be provided to proceed:

- Load Commissioning Plan Provided
- Application Fee Paid
- Load Projection 5y

3) Next actions (this week):

- Interconnecting Large Load must provide a preliminary Load Commissioning Plan specifying load increments and timeline to peak demand. Action: provide Load Commissioning Plan Provided. Owner: Customer. Deliverable: Evidence artifact for Load Commissioning Plan Provided.

- Large Load must pay an ERCOT application fee in addition to TSP fees. Action: provide Application Fee Paid. Owner: Customer. Deliverable: Evidence artifact for Application Fee Paid.

- Customer must provide initial and five-year load projections including peak load power factor. Action: provide Load Projection 5y. Owner: Customer. Deliverable: 5-year load projection (spreadsheet/PDF).

- Customer must provide initial and five-year load projections including peak load power factor. Action: provide Peak Power Factor. Owner: Customer. Deliverable: Evidence artifact for Peak Power Factor.

- Customer must submit a one-line electrical diagram of proposed facilities (initial and ultimate). Action: provide One Line Diagram. Owner: Customer. Deliverable: One-line diagram (PDF).

4) Recommendation (bounded): keep baseline.

Reason (bounded, v0): missing\_inputs\_count: 8 -> 8

5) Main risks & external dependencies:

- Timeline signals (qualitative): <=12=down, 12-24=up, >24=up. Exposure: upgrade=high, ops=low.
- Top drivers: PG9\_006\_LLIS\_PREINIT\_WRITTEN\_EN\_ACK\_REQUIRED; LL\_QA\_004\_LOAD\_COMMISSIONING\_PLAN; ONC\_003\_LOAD\_PROJECTION
- Note: final requirements may depend on ERCOT/TSP/TDSP discretion, studies, and site verification.

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## **Options comparison (bounded)**

Curated options for decision-makers. Timeline uses qualitative signals (not probabilities).

### **baseline**

Config summary: plan=single; voltage=138 kV; load=100 MW; POIs=1

Path changed vs baseline: same | Blocking missing count: 8

Risk signals: <=12=down, 12-24=up, >24=up; upgrade=high, ops=low

### **poi\_topology\_multi**

Config summary: plan=single; voltage=138 kV; load=100 MW; POIs=1

Path changed vs baseline: same | Blocking missing count: 8

Risk signals: <=12=down, 12-24=up, >24=up; upgrade=high, ops=low

### **co\_located\_true**

Config summary: plan=single; voltage=138 kV; load=100 MW; POIs=1

Path changed vs baseline: same | Blocking missing count: 8

Risk signals: <=12=down, 12-24=up, >24=up; upgrade=high, ops=high

### **export\_planned**

Config summary: plan=single; voltage=138 kV; load=100 MW; POIs=1

Path changed vs baseline: same | Blocking missing count: 8

Risk signals: <=12=down, 12-24=up, >24=up; upgrade=high, ops=high

### **energization\_plan\_phased**

Config summary: plan=single; voltage=138 kV; load=100 MW; POIs=1

Path changed vs baseline: same | Blocking missing count: 9

Risk signals: <=12=down, 12-24=up, >24=up; upgrade=high, ops=low

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## Action checklist (to drive progress)

### Blocking now (focus here)

These are the concrete deliverables required to move the request forward.

- Interconnecting Large Load must provide a preliminary Load Commissioning Plan specifying load increments and timeline to peak demand. Action: provide Load Commissioning Plan Provided. Owner: Customer. Deliverable: Evidence artifact for Load Commissioning Plan Provided.
- Large Load must pay an ERCOT application fee in addition to TSP fees. Action: provide Application Fee Paid. Owner: Customer. Deliverable: Evidence artifact for Application Fee Paid.
- Customer must provide initial and five-year load projections including peak load power factor. Action: provide Load Projection 5y. Owner: Customer. Deliverable: 5-year load projection (spreadsheet/PDF).
- Customer must provide initial and five-year load projections including peak load power factor. Action: provide Peak Power Factor. Owner: Customer. Deliverable: Evidence artifact for Peak Power Factor.
- Customer must submit a one-line electrical diagram of proposed facilities (initial and ultimate). Action: provide One Line Diagram. Owner: Customer. Deliverable: One-line diagram (PDF).
- Prior to initiation of LLIS, written acknowledgement from the ILLE of obligations (including notification of project changes per Section 9.... Action: provide Ack Change Notification Obligation. Owner: Customer. Deliverable: Signed acknowledgement of change-notification obligation (letter/email).
- Prior to initiation of LLIS, a formal request to initiate the LLIS process is required (Planning Guide Section 9.2.2(1)(d)). Action: provide LLIS Formal Request Submitted. Owner: Customer. Deliverable: Formal LLIS initiation request (email/letter + confirmation).

### Later gates (prepare, not blocking today)

Shown for planning only (energization not requested in this evaluation).

- (no later gates listed)

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## Audit & provenance (short)

Evaluated at: 2026-02-15T03:22:18+00:00

Graph: graph/process\_graph.yaml | sha256=a7da4e11d22f2f3288f 0fd9f3dc0e96672e733ed750d3e1d5b717a2a25419ff5

Rules: rules/published.jsonl | sha256=823be13bfec04240272 65210bb5c218d9c002baae74611365a24fcfa26b0d2574

### Referenced docs (subset)

#### **ERCOT\_LARGE\_LOAD\_QA - ERCOT Large Load Interconnection Process Q&A**

artifact: docs/raw/ERCOT\_LARGE\_LOAD\_QA\_2025-06-01.pdf | sha256=e1fba2a7986a8de346331fb6dbc28897b3371d96e621e 0a3e69ca90fc14d22f0

#### **ERCOT\_LLI\_ENERGIZATION\_REQ\_QUEST - ERCOT Large Load Integration - Standalone Energization Request**

artifact: docs/raw/ERCOT\_LLI\_ENERGIZATION\_REQUEST\_2025-07-07.pdf | sha256=86f5154a132c060ae9164d0dacf327f8a2b3daead289c 9e03c2f099ddd66d87e

#### **ERCOT\_PLANNING\_GUIDE - ERCOT Planning Guide**

artifact: docs/raw/ERCOT\_PLANNING\_GUIDE\_2025-12-15.pdf | sha256=bc7cc96c6937ef96345c0f2c1dda1033864f4ccb225b0 0e7d2ca9c2f4d1164e4

#### **ONCOR\_STD\_520\_106 - Oncor Standard 520-106 (Retail Customer Connection Requirements)**

artifact: docs/raw/ONCOR\_STD\_520\_106\_2023-01-01.pdf | sha256=eca927c9faad4bd6d77 bcf95b5179e7b00ec42f24ed28c38b0e9782977dc022d

Full evidence chain (rule\_id -> doc\_id/loc -> artifact sha256) is available in the HTML memo.