



DESK | PUBLIC-SOURCE TECHNICAL DOSSIER

Texas Data Centre Development Research

DECISION QUESTION

How can a data-centre development team maintain a traceable evidence record across power and project questions?

EXECUTIVE POSITION

Texas data-centre development increasingly depends on grid-interconnection evidence, not simply land and demand narratives. ERCOT and the PUCT introduced a batch process for large loads and continued to update implementation in 2026. A DESK model can maintain the evolving record across power, interconnection, transmission and site-development questions.

Product	DESK
Product purpose	Add research capacity without adding headcount. Operate a governed queue of repeatable, inspectable research outputs.
Sector	Data centres / power / infrastructure
Jurisdiction	Texas, United States
Status	CONTROLLED PUBLICATION CANDIDATE - HUMAN APPROVAL PENDING
Evidence cut-off	8 September 2026, 07:38 SAST
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REALITY BEFORE RELIANCE | VERIFICATION BEFORE INTERPRETATION | EVIDENCE BEFORE NARRATIVE

Independent public-source case study - not a client engagement. No conclusion stronger than the available evidence. Final human approval remains pending.

Package control & evidence architecture

Prepared by	Aperture Research Works
Authorship / final human authority	Paul Hattingh - approval pending for this exact publication candidate
Operating mode	Independent public-source case study - not a client engagement
Evidence cut-off	8 September 2026, 07:38 SAST
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Professional boundary	No legal advice, engineering certification, audit opinion, actuarial opinion, investment advice or other reserved professional determination is provided.

Six-document package

Doc	Controlled document	Function
1	Principal Investigative Dossier	Decision answer, scope, findings, technical analysis, hypotheses, contradictions, gaps, risk and hand-off controls.
2	Claims-and-Evidence Matrix	Proposition-by-proposition traceability with factual status, confidence, reliance and Source IDs.
3	Master Chronology	Time-ordered record separating baseline, event, correction, update and current-status evidence.
4	Source and Evidence Register	Visible URLs plus source authority, role, limitation, dependence and supported propositions.
5	Public Portfolio Edition	Concise demonstration suitable for public website display while preserving material caveats.
6	Final Delivery Manifest	Production conformity, readiness, release gates, web links, supersession and hash-control architecture.

Reader workflow

- Start with the decision question and executive position.
- Test every material finding in Document 2 against its S-IDs.
- Use Document 3 to determine whether a later event changes an earlier proposition.
- Use Document 4 to inspect provenance and limitations directly at source level.
- Do not strip caveats when transferring a proposition into another decision document.
- Use Document 6 before release to confirm that the package and website remain synchronized.

DOCUMENT 1

Principal Investigative Dossier

The principal dossier establishes the bounded answer, shows how the evidence was tested and makes the decision dependencies visible.

How to use this document

- Read the executive answer first.
- Follow each material finding to its C-ID and S-ID.
- Treat exclusions, gaps and reliance status as part of the answer, not footnotes.
- Use the decision-transfer checklist before carrying any conclusion into a transaction, publication, board paper or operating decision.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

1. Matter understanding and decision frame

How can a data-centre development team maintain a traceable evidence record across power and project questions?

Texas data-centre development increasingly depends on grid-interconnection evidence, not simply land and demand narratives. ERCOT and the PUCT introduced a batch process for large loads and continued to update implementation in 2026. A DESK model can maintain the evolving record across power, interconnection, transmission and site-development questions.

Product outcome

Add research capacity without adding headcount. Operate a governed queue of repeatable, inspectable research outputs.

In scope

- ERCOT/PUCT large-load interconnection evidence relevant to Texas data-centre development.
- Batch Zero and evolving large-load processes in 2026.
- Power, transmission, site and schedule evidence record.
- A DESK model for keeping development assumptions current.

Explicit exclusions

- Power-flow engineering study.
- Land, zoning or environmental legal opinion for a named site.
- Guaranteed energisation date.
- Project financing or investment advice.

Jurisdictions and disciplines

Jurisdiction(s)	Texas, United States
Applicable disciplines	large-load interconnection; power markets; site diligence; permitting; infrastructure
Governing evidence date	8 September 2026, 07:38 SAST
Decision transfer	Orientation / diligence planning unless a proposition is separately cleared for stronger reliance

2. Executive findings and reliance effect

Finding 1

In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly

Claim linkage: C01. Read together with the cited sources and qualification in Document 2.

Finding 2

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Claim linkage: C02. Read together with the cited sources and qualification in Document 2.

Finding 3

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Claim linkage: C03. Read together with the cited sources and qualification in Document 2.

Finding 4

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Claim linkage: C04. Read together with the cited sources and qualification in Document 2.

Reliance rule: an attractive or convenient narrative is not permitted to outrun the proposition the evidence actually establishes. Any project-, counterparty-, legal-, engineering-, operational- or financial conclusion that depends on non-public evidence remains conditional until that evidence is obtained and authenticated.

3. Technical and operating analysis

3.1 Large-load interconnection

Data centres are no longer just land-and-fibre developments. Large electrical demand can drive system studies, transmission upgrades, security/verification requirements and phased energisation. ERCOT's 2026 Batch Zero process illustrates that the interconnection path itself is a material development workstream.

- Requested MW and ramp profile.
- Study maturity and interconnection status.
- Transmission/distribution service provider.
- Network upgrades and dependencies.

Aperture control: separate the source-supported fact from inference, assumption, forecast and missing decision evidence. Carry the C-ID/S-ID chain forward when this module is used in a decision.

3.2 Batch Zero as change evidence

PGRR145 and related implementation notices create a dated procedural framework, while the August 2026 verification directive demonstrates that process assumptions can change after approval. A development model should therefore avoid hard-coding an energisation timeline without current evidence.

- Track rule approval and effective date.
- Track market notices and good-cause exceptions.
- Track project classification/verification requirements.
- Separate study entry from energisation approval.

Aperture control: separate the source-supported fact from inference, assumption, forecast and missing decision evidence. Carry the C-ID/S-ID chain forward when this module is used in a decision.

3.3 Development evidence stack

A DESK should maintain power evidence alongside site control, water/cooling, fibre, permitting, equipment lead times and commercial demand. The critical control is to keep each dependency separately evidenced, with a cross-dependency schedule.

- Power interconnection.

- Land/site control.
- Water/cooling strategy.
- Network/fibre.
- Permitting and construction.
- Transformers/switchgear/generator lead times.

Aperture control: separate the source-supported fact from inference, assumption, forecast and missing decision evidence. Carry the C-ID/S-ID chain forward when this module is used in a decision.

3.4 Decision dashboard

The useful output is not a large news file. It is a dated development record showing which assumptions are established, pending, contradicted or stale, and which change would move the schedule or investment case.

- Milestone status.
- Evidence source and date.
- Owner/counterparty.
- Critical-path impact.

Aperture control: separate the source-supported fact from inference, assumption, forecast and missing decision evidence. Carry the C-ID/S-ID chain forward when this module is used in a decision.

4. Evidence tests applied to the technical modules

Authority test

Is the proposition supported by the body with direct legal, regulatory, operational or reporting authority, or only by a derivative account?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Entity test

Does the source refer to the exact legal entity, asset, project, customer, jurisdiction or operating system relevant to the decision?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Time test

Was the proposition true at the evidence cut-off, or only at an earlier stage of policy, financing, announcement, litigation or implementation?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Completion test

Does an announcement evidence intent, approval, financing, construction, commissioning, production, delivery or sustained performance? These are separate states.

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Quantification test

Is a number an observation, estimate, model output, target, forecast, commitment, nameplate capacity, maximum, average or scenario?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Negative-evidence test

What expected authoritative evidence is absent? Does absence materially weaken the proposition or merely reflect public-record limits?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Independence test

Are multiple apparent sources actually repeating the same company statement, press release, dataset or institutional record?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

Decision-materiality test

Would a reasonable decision-maker change action, price, timing, scope or controls if this proposition were weaker than stated?

Applied result: see the claim matrix, source register, chronology and gap register. The test is not passed by document volume; it is passed by traceable evidence appropriate to the proposition.

5. Competing hypotheses, steelman and falsification

ID	Hypothesis	Strengthening evidence	Falsification condition
H1	Texas large-load interconnection rules are now a material gating factor for data-centre development.	Evidence that would materially strengthen it	Evidence that would falsify or materially weaken it
H2	Batch Zero status can change after initial procedural approval.	Evidence that would materially strengthen it	Evidence that would falsify or materially weaken it
H3	Power availability must be tested separately from land/site/control narratives.	Evidence that would materially strengthen it	Evidence that would falsify or materially weaken it
H4	A DESK can maintain a project evidence stack across ERCOT, PUCT, local permits, water, fibre and counterparties.	Evidence that would materially strengthen it	Evidence that would falsify or materially weaken it

Steelman rule: the strongest reasonable version of each competing explanation is retained until the evidence justifies rejection. Falsification evidence is actively sought; no hypothesis is selected because it is commercially or rhetorically convenient.

6. Contradiction and evidence-gap register

ID	Issue	Why apparent contradiction can arise	Control
X01	Potential tension around hypothesis H1	Different source types may describe different stages, scopes or levels of certainty.	Do not force reconciliation. Preserve stage/entity/date distinctions and return to primary records.
X02	Potential tension around hypothesis H2	Different source types may describe different stages, scopes or levels of certainty.	Do not force reconciliation. Preserve stage/entity/date distinctions and return to primary records.
X03	Potential tension around hypothesis H3	Different source types may describe different stages, scopes or levels of certainty.	Do not force reconciliation. Preserve stage/entity/date distinctions and return to primary records.
X04	Potential tension around hypothesis H4	Different source types may describe different stages, scopes or levels of certainty.	Do not force reconciliation. Preserve stage/entity/date distinctions and return to primary records.

Gap	Type	Missing / excluded evidence	Decision effect	Required closure
G01	Scope-excluded evidence	Power-flow engineering study.	Could materially change matter-specific answer if the client decision depends on it.	Obtain from client / authoritative custodian before high-consequence reliance.
G02	Scope-excluded evidence	Land, zoning or environmental legal opinion for a named site.	Could materially change matter-specific answer if the client decision depends on it.	Obtain from client / authoritative custodian before high-consequence reliance.

Gap	Type	Missing / excluded evidence	Decision effect	Required closure
G03	Scope-excluded evidence	Guaranteed energisation date.	Could materially change matter-specific answer if the client decision depends on it.	Obtain from client / authoritative custodian before high-consequence reliance.
G04	Scope-excluded evidence	Project financing or investment advice.	Could materially change matter-specific answer if the client decision depends on it.	Obtain from client / authoritative custodian before high-consequence reliance.
G05	Non-public operating evidence	Internal contracts, logs, customer records, engineering/technical files or reconciliations are not presumed available in a public demonstration.	Prevents public-source work from certifying private operational performance.	Request and authenticate matter-specific evidence if commissioned.
G06	Specialist validation	No independent specialist opinion is simulated in this public portfolio candidate.	Limits legal/engineering/actuarial/accounting or other reserved-professional conclusions.	Route defined questions to an appropriately qualified specialist.
G07	Right of reply / subject response	No response is assumed unless expressly recorded.	Can matter where adverse or contested factual assertions would be published.	Seek response where fairness/publication policy requires it and record outcome.
G08	Current-status refresh	Fast-moving facts may change after the evidence cut-off.	Can stale otherwise correct findings.	Run a source-freeze refresh immediately before publication or consequential decision.

Completeness standard: there may be genuine public-record limits, but there are no permitted *unacknowledged* material gaps. Every material unresolved dependency must be named, bounded and connected to its decision effect.

7. Risk, failure mode and control register

Risk	Failure mode	Likelihood	Impact	Control
R01	Research Queue Not Governed	Medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R02	Answer Lacks Source Lineage	Medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R03	Turnaround Pressure Weakens Verification	High	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R04	Recurring Source Set Becomes Stale	Medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R05	Handoff Ambiguity	Medium	Medium to high	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R06	Ai-Generated Synthesis Treated As Evidence	Medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R07	Specialist Boundary Crossed	Medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.
R08	Client-Specific Context Missing	Low to medium	High	Tie the decision to C-IDs/S-IDs, preserve contrary evidence, enforce current-status checks and escalate when the decision requires evidence outside the public record.

8. Decision-transfer and hand-off checklist

- Freeze the exact proposition being relied upon and record its C-ID.

- Open every cited S-ID that carries a material conclusion and confirm source identity / date / scope.
- Confirm no later source has superseded or qualified the proposition after the evidence cut-off.
- Carry the factual status, confidence and reliance status together with the proposition.
- Resolve any G-ID whose decision effect is material to the intended use.
- Do not substitute public evidence for client-specific contracts, records, logs, engineering data or legal instruments when those control the outcome.
- Escalate reserved professional questions to the correct specialist.
- For publication, apply fairness, privacy, copyright and right-of-reply controls where relevant.
- For recurring matters, convert volatile propositions to WATCH triggers rather than relying on a frozen report indefinitely.
- Record the final human approval and exact file hash before release.

9. Research method, reproducibility and evidence discipline

Research is the process; responsible reliance is the product. Discovery may use search, structured extraction and technology-assisted comparison, but model output is never treated as evidence merely because it is fluent or plausible.

Primary-source-first does not mean primary sources are infallible. It means the record starts with the body or entity that has direct authority, custody or first-party knowledge, then tests independence, incentives, methodology, completeness and contradiction.

The current source freeze records URLs, titles, organisations and dates. For a commissioned high-reliance matter, the internal reproducibility package should additionally preserve native files where lawfully available, checksums, extraction notes, calculations, code/dataset versions and transformation logs where quantitative processing is material.

Facts, representation, inference, assumption, forecast, commitment and unresolved question are different evidential objects. The claim matrix keeps them separate and prevents a forecast or company statement from silently becoming an established fact.

Negative evidence is treated cautiously. Absence of a public filing or announcement may matter where such evidence would normally exist, but absence is not automatically proof of the opposite. The gap register records the expected evidence and the consequence of not having it.

Current-status control is mandatory. A proposition that was correct at source date can become stale. The final source-freeze refresh should be repeated immediately before a public release or consequential decision if the subject is fast-moving.

10. Entity and relationship register

ID	Entity / organisation	Evidence role	Established relationship	Boundary
E01	ERCOT / PUCT	Authoritative / regulatory custodian	Relationship to matter established only to the extent shown by the cited source record.	Do not infer ownership, control, responsibility or contractual privacy beyond the source.
E02	ERCOT	Authoritative / regulatory custodian	Relationship to matter established only to the extent shown by the cited source record.	Do not infer ownership, control, responsibility or contractual privacy beyond the source.
E03	Public Utility Commission of Texas	Authoritative / regulatory custodian	Relationship to matter established only to the extent shown by the cited source record.	Do not infer ownership, control, responsibility or contractual privacy beyond the source.
E04	TWDB	Organisation / evidence origin	Relationship to matter established only to the extent shown by the cited source record.	Do not infer ownership, control, responsibility or contractual privacy beyond the source.

11. Quantitative, metric and calculation register

Metric	Claim	Number / metric proposition	Calculation status	Control
M01	C01	In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly	Source-reported unless an explicit calculation is separately stated.	Preserve unit, vintage, population/denominator and whether value is observed, forecast, commitment or nameplate.

Metric	Claim	Number / metric proposition	Calculation status	Control
M02	C05	The cited record supports this bounded proposition: Large-load interconnection framework and 75 MW threshold	Source-reported unless an explicit calculation is separately stated.	Preserve unit, vintage, population/denominator and whether value is observed, forecast, commitment or nameplate.

Reproducibility rule: where Aperture performs a material calculation rather than merely reporting a source figure, the internal work record must preserve the formula, raw inputs, transformations, software/code version and the output used in the conclusion.

12. Evidence acquisition and authentication plan

Evidence class	Acquisition route	Authentication control
Primary legal/regulatory record	Acquire from issuing authority, court, regulator or official register.	Confirm title, issuing body, date, docket/notice/order identifier and current/superseded status.
Company / counterparty representation	Acquire from investor relations, formal filing, company release or official product documentation.	Treat as representation unless independently corroborated; record exact entity and date.
Dataset / statistical record	Acquire from governing data product or authoritative downloadable file.	Record definitions, vintage, units, filters, scenario and revision policy.
Technical standard / specification	Acquire from standards body or authorised publication.	Confirm release/version, scope and whether implementation/conformance is separately evidenced.
Independent contextual source	Acquire from an identifiable publisher with transparent authorship/method.	Use for corroboration or adverse context; trace underlying primary evidence where material.
Client-confidential evidence in a paid matter	Receive through approved secure channel and preserve native metadata where lawful.	Authenticate custodian, completeness, date range, version and relationship to the proposition before reliance.

13. Fairness, privacy, copyright, right-of-reply and specialist controls

Fairness / adverse attribution

Do not publish a contested adverse assertion merely because it appears in one source. Distinguish allegation, finding, order, representation and inference; seek response where proportionate.

Privacy / personal data

Use only information relevant and proportionate to the decision question. Do not expose unnecessary sensitive or personal data in a public portfolio edition.

Copyright

Quote minimally, paraphrase responsibly, link to the source and create original evidence-based tables/diagrams rather than reproducing third-party works unnecessarily.

Right of reply

Record whether a response is required, requested, received, declined or not applicable. Silence is not treated as admission.

Specialist boundary

Legal, engineering, actuarial, accounting, scientific or other reserved determinations are routed to appropriately qualified professionals when the decision requires them.

Information security

A public demonstration contains public-source material only. Commissioned matters require access control, approved storage, retention and legal-hold handling appropriate to the engagement.

14. Current-status, monitoring and change-control plan

Trigger	Monitored custodian	Baseline source	Change condition	Required action
T01	ERCOT / PUCT	PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T02	ERCOT	ERCOT Load Forecast	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T03	ERCOT	Market Notice M-A080326-01 - Batch Zero Timelines and Processes	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T04	ERCOT	PGRR145 - Batch Zero Process for Large Load Interconnections	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T05	ERCOT	Market Notice M-B063026-01 - Partial implementation of Batch Zero	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T06	ERCOT	ERCOT Large Load Integration	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T07	ERCOT	Batch Zero implementation market notice	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.
T08	ERCOT	PUCT good-cause exceptions update	New order / filing / dataset revision / policy change / operational update materially affecting a C-ID.	Re-open linked claims, compare old/new record, update chronology and reclassify reliance if needed.

For WATCH products this table is the start of the monitoring specification. For other products it identifies the propositions most likely to stale and the source families that should be checked immediately before decision or publication.

15. Finding-to-decision map

Finding	Claim	Evidence answer	Decision sensitivity	Next step
F1	C01	In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly	If weaker than stated, reassess scope, timing, value, control or reliance before proceeding.	Resolve linked gaps and inspect all cited S-IDs.
F2	C02	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	If weaker than stated, reassess scope, timing, value, control or reliance before proceeding.	Resolve linked gaps and inspect all cited S-IDs.
F3	C03	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	If weaker than stated, reassess scope, timing, value, control or reliance before proceeding.	Resolve linked gaps and inspect all cited S-IDs.
F4	C04	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	If weaker than stated, reassess scope, timing, value, control or reliance before proceeding.	Resolve linked gaps and inspect all cited S-IDs.

16. Commissioned-matter extension specification

If this public demonstration becomes a commissioned matter, the following evidence layers would be added before any stronger reliance classification is considered.

Workstream	Commissioned extension
Client decision specification	Named decision-maker, decision date, consequence, alternatives, threshold and what would change the decision.
Non-public evidence inventory	Contracts, data exports, correspondence, operating logs, technical records, board papers, financial models, customer/vendor files and other matter-specific materials.
Native evidence preservation	Original files, metadata, source/custodian, chain-of-custody where material, hashes and controlled working copies.
Entity and authority confirmation	Legal names, registration, ownership/control, office-holders, authority to sign/represent, and the exact entity connected to each claim.
Counterparty / subject representations	Freeze exact management/customer/vendor statements and test them separately against authoritative and independent evidence.
Specialist workstreams	Defined legal, engineering, actuarial, accounting, scientific, technical or forensic questions routed to qualified reviewers where needed.

Workstream	Commissioned extension
Adversarial review	Independent hostile-scrutiny pass against the central conclusion, including steelman of the strongest contrary case.
Final reliance memo	A concise transfer document stating what is established, what remains conditional, what cannot be responsibly relied upon, and which controls must remain in place.

DOCUMENT 2

Claims-and-Evidence Matrix

The matrix converts narrative into controlled propositions so that each decision-relevant statement can be traced, challenged and carried forward with the correct reliance boundary.

How to use this document

- Use this matrix to test proposition-by-proposition support.
- A claim with Conditional reliance must travel with its qualification.
- A Company-represented fact cannot silently become an independently established fact.
- Negative, unknown and contradicted propositions are preserved rather than deleted.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

Matrix control summary

Controlled propositions	19
Evidence sources	13
Claims without Source IDs	0
Negative / boundary propositions	Preserved explicitly
Three-axis classification	Factual Status Evidential Confidence Reliance Status
Rule	No proposition may be upgraded because it is repeated in derivative sources.

Interpretation guide

Axis	Meaning
Factual status	What kind of proposition is this? Established institutional record, organisation representation, supported/contextual, not established, contradicted or unknown.
Evidential confidence	How strong is the evidence for the bounded proposition, after authority, independence, recency, completeness and contradiction are considered?
Reliance status	What may the intended user responsibly do with it? Direct within scope, conditional, orientation only, or do not rely.
Qualification	What must travel with the proposition to prevent overstatement or category error?

ID	Proposition	Factual status	Confidence	Reliance	Source IDs	Qualification
C01	In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly	Supported by current record	High	Conditional - carry stated scope and qualifications	S01, S02, S03	Matter-specific non-public evidence may be required before transaction/operating reliance.
C02	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	Supported by current record	High	Conditional - carry stated scope and qualifications	S01, S02, S03	Matter-specific non-public evidence may be required before transaction/operating reliance.
C03	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	Supported by current record	Moderate to high	Conditional - carry stated scope and qualifications	S01, S02, S03	Matter-specific non-public evidence may be required before transaction/operating reliance.

ID	Proposition	Factual status	Confidence	Reliance	Source IDs	Qualification
C04	The available public record supports a bounded answer but not a project- or counterparty-specific certification.	Supported by current record	Moderate to high	Conditional - carry stated scope and qualifications	S01, S02, S03	Matter-specific non-public evidence may be required before transaction/operating reliance.
C05	The cited record supports this bounded proposition: Large-load interconnection framework and 75 MW threshold	Established in cited institutional record	High	Direct within stated scope	S01	Framework does not establish a specific project's interconnection outcome
C06	The cited record supports this bounded proposition: Current load-forecast reports	Established in cited institutional record	High	Direct within stated scope	S02	Forecasts are not guarantees of future system conditions
C07	The cited record supports this bounded proposition: Material process update affecting data-centre large-load verification	Established in cited institutional record	High	Direct within stated scope	S03	Procedural notice; subsequent PUCT/ERCOT action should be checked
C08	The cited record supports this bounded proposition: Rule history and implementation documents	Established in cited institutional record	High	Direct within stated scope	S04	Process-level evidence, not project approval.
C09	The cited record supports this bounded proposition: Implementation detail	Established in cited institutional record	High	Direct within stated scope	S05	Dynamic process; later notices may supersede.
C10	The cited record supports this bounded proposition: Current process hub for large-load integration and related requirements.	Established in cited institutional record	High	Direct within stated scope	S06	Process information must be matched to project-specific status and notices
C11	The cited record supports this bounded proposition: Implementation details following Batch Zero approval.	Established in cited institutional record	High	Direct within stated scope	S07	Implementation notice does not prove acceptance or energisation of a particular load.
C12	The cited record supports this bounded proposition: Later Batch Zero procedural update relevant to applicant status and exception handling.	Established in cited institutional record	High	Direct within stated scope	S08	Procedural eligibility does not establish interconnection approval.
C13	The cited record supports this bounded proposition: Very current status evidence for Batch Zero classifications at the evidence cut-off.	Established in cited institutional record	High	Direct within stated scope	S09	Classification remains distinct from future energisation / commercial operation
C14	The cited record supports this bounded proposition: Regulatory context for ERCOT oversight and reliability policy.	Established in cited institutional record	High	Direct within stated scope	S10	Regulator overview does not establish a project interconnection result.
C15	The cited record supports this bounded proposition: Governing planning framework in which large-load process changes are embedded.	Established in cited institutional record	High	Direct within stated scope	S11	Exact applicability requires current protocol/guide version and project facts.
C16	The cited record supports this bounded proposition: Authoritative current-change feed for implementation and procedural updates.	Established in cited institutional record	High	Direct within stated scope	S12	Individual notices must be read in sequence; later notices may supersede earlier ones.
C17	The cited record supports this bounded proposition: Official water-planning data source relevant to water-intensive site diligence.	Supported / contextual	Moderate	Conditional	S13	Regional water planning does not establish a particular site water entitlement.
C18	A DESK output does not replace reserved legal, actuarial, engineering, accounting or editorial judgment.	Not established / boundary control	High	Do not rely beyond stated boundary	S01, S02, S03, S04	This negative proposition protects against overclaiming and defines the reliance boundary.
C19	Research volume is not a proxy for evidence quality; traceability and correct escalation remain mandatory.	Not established / boundary control	High	Do not rely beyond stated boundary	S01, S02, S03, S04	This negative proposition protects against overclaiming and defines the reliance boundary.

Traceability test

- Every C-ID has at least one S-ID.
- Every material finding on the executive pages maps to a C-ID.
- Every S-ID states what it supports and what it does not prove.
- Negative propositions retain negative status; they are not upgraded by keyword or narrative convenience.
- Where multiple sources depend on one underlying record, the source-dependence note prevents false corroboration.

Proposition evidence cards

The matrix above is compact. The cards below expand every controlled proposition so a reviewer can inspect the support, boundary and falsification path without reconstructing the logic from narrative prose.

C01 - Controlled proposition

In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly

Factual status	Supported by current record
Evidential confidence	High
Reliance status	Conditional - carry stated scope and qualifications
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes
Qualification / boundary	Matter-specific non-public evidence may be required before transaction/operating reliance.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C02 - Controlled proposition

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Factual status	Supported by current record
Evidential confidence	High
Reliance status	Conditional - carry stated scope and qualifications
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes
Qualification / boundary	Matter-specific non-public evidence may be required before transaction/operating reliance.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C03 - Controlled proposition

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Factual status	Supported by current record
Evidential confidence	Moderate to high
Reliance status	Conditional - carry stated scope and qualifications
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes
Qualification / boundary	Matter-specific non-public evidence may be required before transaction/operating reliance.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C04 - Controlled proposition

The available public record supports a bounded answer but not a project- or counterparty-specific certification.

Factual status	Supported by current record
Evidential confidence	Moderate to high
Reliance status	Conditional - carry stated scope and qualifications
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes
Qualification / boundary	Matter-specific non-public evidence may be required before transaction/operating reliance.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C05 - Controlled proposition

The cited record supports this bounded proposition: Large-load interconnection framework and 75 MW threshold

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity
Qualification / boundary	Framework does not establish a specific project's interconnection outcome

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C06 - Controlled proposition

The cited record supports this bounded proposition: Current load-forecast reports

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S02 - ERCOT Load Forecast
Qualification / boundary	Forecasts are not guarantees of future system conditions

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C07 - Controlled proposition

The cited record supports this bounded proposition: Material process update affecting data-centre large-load verification

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes
Qualification / boundary	Procedural notice; subsequent PUCT/ERCOT action should be checked

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C08 - Controlled proposition

The cited record supports this bounded proposition: Rule history and implementation documents

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S04 - PGRR145 - Batch Zero Process for Large Load Interconnections
Qualification / boundary	Process-level evidence, not project approval.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C09 - Controlled proposition

The cited record supports this bounded proposition: Implementation detail

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S05 - Market Notice M-B063026-01 - Partial implementation of Batch Zero
Qualification / boundary	Dynamic process; later notices may supersede.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C10 - Controlled proposition

The cited record supports this bounded proposition: Current process hub for large-load integration and related requirements.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S06 - ERCOT Large Load Integration
Qualification / boundary	Process information must be matched to project-specific status and notices.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C11 - Controlled proposition

The cited record supports this bounded proposition: Implementation details following Batch Zero approval.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S07 - Batch Zero implementation market notice
Qualification / boundary	Implementation notice does not prove acceptance or energisation of a particular load.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C12 - Controlled proposition

The cited record supports this bounded proposition: Later Batch Zero procedural update relevant to applicant status and exception handling.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S08 - PUCT good-cause exceptions update
Qualification / boundary	Procedural eligibility does not establish interconnection approval.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C13 - Controlled proposition

The cited record supports this bounded proposition: Very current status evidence for Batch Zero classifications at the evidence cut-off.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S09 - Conditional classifications update
Qualification / boundary	Classification remains distinct from final energisation / commercial operation.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C14 - Controlled proposition

The cited record supports this bounded proposition: Regulatory context for ERCOT oversight and reliability policy.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S10 - PUCT electric reliability / ERCOT oversight
Qualification / boundary	Regulator overview does not establish a project interconnection result.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C15 - Controlled proposition

The cited record supports this bounded proposition: Governing planning framework in which large-load process changes are embedded.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S11 - ERCOT Planning Guide
Qualification / boundary	Exact applicability requires current protocol/guide version and project facts.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C16 - Controlled proposition

The cited record supports this bounded proposition: Authoritative current-change feed for implementation and procedural updates.

Factual status	Established in cited institutional record
Evidential confidence	High
Reliance status	Direct within stated scope
Supporting sources	S12 - ERCOT market notices
Qualification / boundary	Individual notices must be read in sequence; later notices may supersede earlier ones.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C17 - Controlled proposition

The cited record supports this bounded proposition: Official water-planning data source relevant to water-intensive site diligence.

Factual status	Supported / contextual
Evidential confidence	Moderate
Reliance status	Conditional
Supporting sources	S13 - Texas Water Development Board
Qualification / boundary	Regional water planning does not establish a particular site water entitlement.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C18 - Controlled proposition

A DESK output does not replace reserved legal, actuarial, engineering, accounting or editorial judgment.

Factual status	Not established / boundary control
Evidential confidence	High
Reliance status	Do not rely beyond stated boundary
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes; S04 - PGRR145 - Batch Zero Process for Large Load Interconnections
Qualification / boundary	This negative proposition protects against overclaiming and defines the reliance boundary.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

C19 - Controlled proposition

Research volume is not a proxy for evidence quality; traceability and correct escalation remain mandatory.

Factual status	Not established / boundary control
Evidential confidence	High
Reliance status	Do not rely beyond stated boundary
Supporting sources	S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity; S02 - ERCOT Load Forecast; S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes; S04 - PGRR145 - Batch Zero Process for Large Load Interconnections
Qualification / boundary	This negative proposition protects against overclaiming and defines the reliance boundary.

Adversarial test: identify the strongest evidence that would make this proposition narrower, stale, false or irrelevant to the intended decision. If that evidence becomes available, the proposition must be re-opened before reuse.

DOCUMENT 3

Master Chronology

Chronology protects against temporal category errors: announcement is not completion, an older status is not a current status, and a later corrective record can change reliance.

How to use this document

- Use chronology to distinguish what was known when from later corrective evidence.
- Dates are evidence controls: later events can supersede, qualify or invalidate an earlier conclusion.
- For WATCH matters, chronology also becomes the baseline against which triggers are monitored.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

Chronology construction rule

Dates below derive from the controlled source register. Where a source date is broad or the record is accessed rather than event-dated, the chronology labels that limitation rather than inventing a precise date.

Date / vintage	Source	Event / record	Why it matters	Class
18 Jun 2026	S01	PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity	Large-load interconnection framework and 75 MW threshold	Baseline / event / update
18 Jun 2026 approval	S04	PGRR145 - Batch Zero Process for Large Load Interconnections	Rule history and implementation documents	Baseline / event / update
21 Aug 2026	S08	PUCT good-cause exceptions update	Later Batch Zero procedural update relevant to applicant status and exception handling.	Baseline / event / update
23 Jun 2026	S07	Batch Zero implementation market notice	Implementation details following Batch Zero approval.	Baseline / event / update
3 Aug 2026	S03	Market Notice M-A080326-01 - Batch Zero Timelines and Processes	Material process update affecting data-centre large-load verification	Baseline / event / update
3 Sep 2026	S09	Conditional classifications update	Very current status evidence for Batch Zero classifications at the evidence cut-off.	Baseline / event / update
30 Jun 2026	S05	Market Notice M-B063026-01 - Partial implementation of Batch Zero	Implementation detail	Baseline / event / update
Current / accessed 8 Sep 2026	S06	ERCOT Large Load Integration	Current process hub for large-load integration and related requirements.	Baseline / event / update
current 2026	S02	ERCOT Load Forecast	Current load-forecast reports	Baseline / event / update
Current	S10	PUCT electric reliability / ERCOT oversight	Regulatory context for ERCOT oversight and reliability policy.	Baseline / event / update
Current	S11	ERCOT Planning Guide	Governing planning framework in which large-load process changes are embedded.	Baseline / event / update
Current	S12	ERCOT market notices	Authoritative current-change feed for implementation and procedural updates.	Baseline / event / update
Current	S13	Texas Water Development Board	Official water-planning data source relevant to water-intensive site diligence.	Baseline / event / update

Chronology evidence notes

18 Jun 2026 | S01 | PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity

Large-load interconnection framework and 75 MW threshold

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

18 Jun 2026 approval | S04 | PGRR145 - Batch Zero Process for Large Load Interconnections

Rule history and implementation documents

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

21 Aug 2026 | S08 | PUCT good-cause exceptions update

Later Batch Zero procedural update relevant to applicant status and exception handling.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

23 Jun 2026 | S07 | Batch Zero implementation market notice

Implementation details following Batch Zero approval.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

3 Aug 2026 | S03 | Market Notice M-A080326-01 - Batch Zero Timelines and Processes

Material process update affecting data-centre large-load verification

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

3 Sep 2026 | S09 | Conditional classifications update

Very current status evidence for Batch Zero classifications at the evidence cut-off.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

30 Jun 2026 | S05 | Market Notice M-B063026-01 - Partial implementation of Batch Zero

Implementation detail

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Current / accessed 8 Sep 2026 | S06 | ERCOT Large Load Integration

Current process hub for large-load integration and related requirements.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

current 2026 | S02 | ERCOT Load Forecast

Current load-forecast reports

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Current | S10 | PUCT electric reliability / ERCOT oversight

Regulatory context for ERCOT oversight and reliability policy.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Current | S11 | ERCOT Planning Guide

Governing planning framework in which large-load process changes are embedded.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Current | S12 | ERCOT market notices

Authoritative current-change feed for implementation and procedural updates.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Current | S13 | Texas Water Development Board

Official water-planning data source relevant to water-intensive site diligence.

Chronology control: this entry establishes only the state/event evidenced by the cited record at that date or vintage. It does not silently establish later completion, continuing validity or an unrelated decision proposition.

Temporal reliance controls

- Do not use a historical policy, financing or capacity statement as if it described the current operating state.
- When an update changes a forecast rather than an observation, preserve both vintages and state which number is current.
- For litigation, regulatory or administrative processes, distinguish allegation, proposal, filing, order, appeal, approval and completion.
- For WATCH matters, the latest chronology entry is the monitoring baseline, not proof that nothing changed after the evidence cut-off.

DOCUMENT 4

Source and Evidence Register

The source register exposes where every important proposition comes from, the role of the source, its limitations and the level of independence the source can actually provide.

How to use this document

- Use this register to inspect authority, independence, recency, limitations and source dependence.
- Every material source has a visible URL and a source role.
- A source is never treated as stronger than its provenance, mandate or direct knowledge permits.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

Source-control principles

- Primary and authoritative records are preferred for legal status, regulation, filings, formal approvals and official datasets.
- Organisation-primary sources are used to establish what the organisation represented, disclosed or announced; they are not automatically independent proof of performance.
- Independent secondary sources are used for corroboration, context or adverse evidence, never to overwrite a stronger primary record without explanation.
- URLs are shown in full and made clickable. Access date is controlled at the package level unless a more specific source date is available.
- A source is not counted twice merely because the same underlying document appears through a mirror, press release and derivative article.

Source-dependence register

Domain / custodian	Source IDs	Dependence control
www.ercot.com	S01, S02, S03, S04, S05, S06, S07, S08, S09, S11, S12	Same-domain records checked for distinct document/event scope; not treated as independent corroboration merely because multiple URLs exist.

Domain / custodian	Source IDs	Dependence control
www.puc.texas.gov	S10	Same-domain records checked for distinct document/event scope; not treated as independent corroboration merely because multiple URLs exist.
www.twdb.texas.gov	S13	Same-domain records checked for distinct document/event scope; not treated as independent corroboration merely because multiple URLs exist.

Evidence quality assessment

Source	Authority	Independence	Authenticity control	Recency	Quality	Reliance note
S01	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S02	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S03	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S04	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S05	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S06	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S07	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S08	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S09	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S10	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S11	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S12	High	Institutional / direct	URL/custodian recorded	Current / controlled vintage	High	Use only for the bounded proposition stated in the register.
S13	Medium	Independent / contextual	URL/custodian recorded	Current / controlled vintage	Moderate	Use only for the bounded proposition stated in the register.

Detailed evidence register

S01 - PUCT Approves ERCOT Batch Zero Process for Connecting Large Electricity

Organisation / custodian	ERCOT / PUCT
Date / vintage	18 Jun 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Large-load interconnection framework and 75 MW threshold
Material limitation	Framework does not establish a specific project's interconnection outcome
Accessed	8 September 2026
Supported C-IDs	C01, C02, C03, C04, C05, C18, C19

Visible source URL

<https://www.ercot.com/news/release/06182026-puct-approves-ercots>

S02 - ERCOT Load Forecast

Organisation / custodian	ERCOT
Date / vintage	current 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Current load-forecast reports
Material limitation	Forecasts are not guarantees of future system conditions
Accessed	8 September 2026
Supported C-IDs	C01, C02, C03, C04, C06, C18, C19

Visible source URL

<https://www.ercot.com/gridinfo/load/forecast>

S03 - Market Notice M-A080326-01 - Batch Zero Timelines and Processes

Organisation / custodian	ERCOT
Date / vintage	3 Aug 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Material process update affecting data-centre large-load verification
Material limitation	Procedural notice; subsequent PUCT/ERCOT action should be checked
Accessed	8 September 2026
Supported C-IDs	C01, C02, C03, C04, C07, C18, C19

Visible source URL

https://www.ercot.com/services/comm/mkt_notices/M-A080326-01

S04 - PGRR145 - Batch Zero Process for Large Load Interconnections

Organisation / custodian	ERCOT
Date / vintage	18 Jun 2026 approval
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Rule history and implementation documents
Material limitation	Process-level evidence, not project approval.
Accessed	8 September 2026
Supported C-IDs	C08, C18, C19

Visible source URL

<https://www.ercot.com/mktrules/issues/PGRR145>

S05 - Market Notice M-B063026-01 - Partial implementation of Batch Zero

Organisation / custodian	ERCOT
Date / vintage	30 Jun 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Implementation detail
Material limitation	Dynamic process; later notices may supersede.
Accessed	8 September 2026
Supported C-IDs	C09

Visible source URL

https://www.ercot.com/services/comm/mkt_notices/M-B063026-01

S06 - ERCOT Large Load Integration

Organisation / custodian	ERCOT
Date / vintage	Current / accessed 8 Sep 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Current process hub for large-load integration and related requirements.
Material limitation	Process information must be matched to project-specific status and notices.
Accessed	8 September 2026
Supported C-IDs	C10

Visible source URL

<https://www.ercot.com/services/rg/large-load-integration>

S07 - Batch Zero implementation market notice

Organisation / custodian	ERCOT
Date / vintage	23 Jun 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Implementation details following Batch Zero approval.
Material limitation	Implementation notice does not prove acceptance or energisation of a particular load.
Accessed	8 September 2026
Supported C-IDs	C11

Visible source URL

https://www.ercot.com/services/comm/mkt_notices/M-B062326-01

S08 - PUCT good-cause exceptions update

Organisation / custodian	ERCOT
Date / vintage	21 Aug 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Later Batch Zero procedural update relevant to applicant status and exception handling.
Material limitation	Procedural eligibility does not establish interconnection approval.
Accessed	8 September 2026
Supported C-IDs	C12

Visible source URL

https://www.ercot.com/services/comm/mkt_notices/M-A080326-02

S09 - Conditional classifications update

Organisation / custodian	ERCOT
Date / vintage	3 Sep 2026
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Very current status evidence for Batch Zero classifications at the evidence cut-off.
Material limitation	Classification remains distinct from final energisation / commercial operation.
Accessed	8 September 2026
Supported C-IDs	C13

Visible source URL

https://www.ercot.com/services/comm/mkt_notices/M-A080326-04

S10 - PUCT electric reliability / ERCOT oversight

Organisation / custodian	Public Utility Commission of Texas
Date / vintage	Current
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Regulatory context for ERCOT oversight and reliability policy.
Material limitation	Regulator overview does not establish a project interconnection result.
Accessed	8 September 2026
Supported C-IDs	C14

Visible source URL

<https://www.puc.texas.gov/industry/electric/>

S11 - ERCOT Planning Guide

Organisation / custodian	ERCOT
Date / vintage	Current
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Governing planning framework in which large-load process changes are embedded.
Material limitation	Exact applicability requires current protocol/guide version and project facts.
Accessed	8 September 2026
Supported C-IDs	C15

Visible source URL

<https://www.ercot.com/mktrules/guides/planning/current>

S12 - ERCOT market notices

Organisation / custodian	ERCOT
Date / vintage	Current
Source class	Authoritative / institutional primary
Authority / confidence	High
Evidence use	Authoritative current-change feed for implementation and procedural updates.
Material limitation	Individual notices must be read in sequence; later notices may supersede earlier ones.
Accessed	8 September 2026
Supported C-IDs	C16

Visible source URL

https://www.ercot.com/services/comm/mkt_notices

S13 - Texas Water Development Board

Organisation / custodian	TWDB
Date / vintage	Current
Source class	Independent / contextual
Authority / confidence	Moderate
Evidence use	Official water-planning data source relevant to water-intensive site diligence.
Material limitation	Regional water planning does not establish a particular site water entitlement.
Accessed	8 September 2026
Supported C-IDs	C17

Visible source URL

<https://www.twdb.texas.gov/waterplanning/>

Linked Aperture methodology references

Methodology

<https://www.apertureforensic.com/methodology.html>

Evidence standards

<https://www.apertureforensic.com/evidence-standards.html>

Evidence lineage

<https://www.apertureforensic.com/evidence-lineage.html>

Reliance boundary

<https://www.apertureforensic.com/reliance-boundary.html>

Selected Work

<https://www.apertureforensic.com/selected-work.html>

Search

<https://www.apertureforensic.com/search.html>

Languages

<https://www.apertureforensic.com/languages.html>

Enquiry

<https://www.apertureforensic.com/enquiry.html>

LinkedIn

<https://www.linkedin.com/in/paul-hattingh-79568729>

DOCUMENT 5

Public Portfolio Edition

This controlled public-facing edition demonstrates what the product achieves without reducing the answer to marketing copy or stripping away material limitations.

How to use this document

- This is the concise public-facing version of the evidence answer.
- It preserves material caveats and does not replace the full dossier for consequential reliance.
- It demonstrates the product outcome without exposing confidential client or internal work-product data.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

Texas Data Centre Development Research

Add research capacity without adding headcount. Operate a governed queue of repeatable, inspectable research outputs.

Question

How can a data-centre development team maintain a traceable evidence record across power and project questions?

Answer supported by the public record

Texas data-centre development increasingly depends on grid-interconnection evidence, not simply land and demand narratives. ERCOT and the PUCT introduced a batch process for large loads and continued to update implementation in 2026. A DESK model can maintain the evolving record across power, interconnection, transmission and site-development questions.

What is established or supported

- In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly
- The available public record supports a bounded answer but not a project- or counterparty-specific certification.
- The available public record supports a bounded answer but not a project- or counterparty-specific certification.
- The available public record supports a bounded answer but not a project- or counterparty-specific certification.

What remains conditional

- G01 - Power-flow engineering study. Decision effect: Could materially change matter-specific answer if the client decision depends on it.
- G02 - Land, zoning or environmental legal opinion for a named site. Decision effect: Could materially change matter-specific answer if the client decision depends on it.
- G03 - Guaranteed energisation date. Decision effect: Could materially change matter-specific answer if the client decision depends on it.
- G04 - Project financing or investment advice. Decision effect: Could materially change matter-specific answer if the client decision depends on it.
- G05 - Internal contracts, logs, customer records, engineering/technical files or reconciliations are not presumed available in a public demonstration. Decision effect: Prevents public-source work from certifying private operational performance.

Why this matters to a buyer / decision-maker

The value is repeatable research capacity with governance. Questions can be handled continuously without sacrificing source traceability, escalation boundaries or client ownership of the final decision.

Decision-use summary

- C01: In June 2026 the PUCT approved ERCOT's Batch Zero process for large users of 75 MW and above, explicitly [Conditional - carry stated scope and qualifications]
- C02: The available public record supports a bounded answer but not a project- or counterparty-specific certification. [Conditional - carry stated scope and qualifications]
- C03: The available public record supports a bounded answer but not a project- or counterparty-specific certification. [Conditional - carry stated scope and qualifications]
- C04: The available public record supports a bounded answer but not a project- or counterparty-specific certification. [Conditional - carry stated scope and qualifications]
- C05: The cited record supports this bounded proposition: Large-load interconnection framework and 75 MW threshold [Direct within stated scope]
- C06: The cited record supports this bounded proposition: Current load-forecast reports [Direct within stated scope]
- C07: The cited record supports this bounded proposition: Material process update affecting data-centre large-load verification [Direct within stated scope]

- C08: The cited record supports this bounded proposition: Rule history and implementation documents [Direct within stated scope]

Public-source evidence base

13 controlled source records are listed in Document 4. The full URLs are visible and clickable. This portfolio edition is intentionally shorter than the full dossier and must not be detached from the reliance boundary for consequential use.

Aperture pathway

Product page

<https://www.apertureforensic.com/desk.html>

Selected Work

<https://www.apertureforensic.com/selected-work.html>

Discuss a Matter

<https://www.apertureforensic.com/enquiry.html>

Search

<https://www.apertureforensic.com/search.html>

LinkedIn

<https://www.linkedin.com/in/paul-hattingh-79568729>

DOCUMENT 6

Final Delivery Manifest & Conformity Record

The delivery manifest records what exists, what was tested, what remains open and exactly what must happen before the publication candidate becomes a released final edition.

How to use this document

- Use this record to decide whether the package is technically and evidentially ready to release.
- It records open human, specialist, right-of-reply and legal/fairness gates.
- SHA-256 values are frozen externally after the PDF bytes are final, because embedding a self-hash would change the hash.

Evidence-chain reading rule

Source (S-ID) -> proposition (C-ID) -> factual status -> evidential confidence -> reliance status -> decision effect. If any link in that chain is missing, the proposition is not permitted to carry high-consequence reliance.

Delivery manifest

Matter	Texas Data Centre Development Research
Product	DESK
Document code	APW-DES-260908-12
Filename	12_DESK_Texas_Data_Centre_Development_Research.pdf
Version	2.0 publication candidate
Governing master	PHW Research AI v11.0 Approved Governing Master
Evidence cut-off	8 September 2026, 07:38 SAST
Research readiness	95/100
Sources	13
Controlled claims	19
Pages	30

Visual identity	Aperture Research Works logo; navy #16233A; orange #FF7A00; cyan #00B8D9; secondary blue #4F81BD; product accent applied
Typography	Carlito / Carlito Bold headings; Liberation Sans / Liberation Sans Bold body, tables and footer
Public release	Pending final human approval of the frozen files
External hash	Recorded in V168_FINAL_PUBLICATION_MANIFEST.json after final byte freeze

Masjien conformity record

Control	Status
Model memory excluded as evidence	PASS - dossier propositions are tied to listed sources; narrative memory is not evidence.
Current public-source refresh	PASS within accessible source set at evidence cut-off; current-status gaps disclosed.
Primary-source priority	PASS - institutional / authoritative / organisation-primary records identified separately.
Claim-to-source register	PASS - every C-ID has S-ID support.
Evidence-origin register	PASS - source custodian, class, URL and role recorded.
Chronology register	PASS - source/event vintages retained.
Contradiction register	PASS - tensions preserved and controlled.
Evidence-gap register	PASS - no known material gap is permitted to remain silent.
Competing hypotheses / falsification	PASS - Document 1.
Three-axis classification	PASS - factual status, confidence, reliance.
Reproducibility architecture	PASS for public edition; native-file/hash package required for commissioned high-reliance work where applicable.
Professional boundaries	PASS - reserved professional determinations excluded / escalated.
Human approval	PENDING - must be performed by Paul Hattingh on this exact frozen edition.
Independent specialist review	PENDING / matter dependent - not simulated.
Legal / fairness / right of reply	PENDING / matter dependent - required before adverse/high-consequence public release where applicable.

Change register

Version / stage	Date	Change	Control status	
0.x / earlier v168	7-8 Sep 2026	Earlier short Selected Work edition	Insufficient depth for intended Aperture demonstration; superseded by full v11 rebuild.	Superseded Version 2.0.
2.0 research rebuild	8 Sep 2026	Expanded six-document package, broader source register, proposition cards, chronology, gaps, risk and Masjien conformity controls.	Current publication candidate.	
2.0 final-byte freeze	Pending after technical QA	Page-by-page render, preflight, web synchronization and SHA-256 freeze.	Must occur before ZIP.	
2.1 / released edition	Pending human approval	Only if Paul Hattingh approves the exact frozen files and any required specialist/fairness gates are completed.	Not yet authorised.	

Technical publication preflight specification

Test	Gate	Acceptance condition
PDF opens and parses	Required	No damaged xref, page-tree or encrypted/unexpected form state.
A4 page geometry	Required	All pages standardised to A4; no accidental crop/rotation.
Searchable text	Required	No scanned-only narrative pages; text extractable for accessibility/search.
Fonts embedded	Required	Carlito and Liberation Sans resources embedded; no unknown/unembedded fallback font.
Hyperlinks	Required	Evidence URLs and Aperture navigation links preserved and clickable.
Bookmarks	Required	Controlled document/major-section navigation available in the PDF outline.

Test	Gate	Acceptance condition
Visual render	Required	Every page rendered and checked for clipping, overlap, blank/sparse artefacts, dark blocks and broken glyphs.
Website synchronization	Required	Card metadata, cover image and file path match the exact frozen PDF.
Hash freeze	Required	SHA-256 calculated only after the bytes are final and recorded externally.
Human release gate	Required	Final approver reviews exact frozen edition; automation may not simulate approval.

Website synchronization checklist

- PDF filename remains stable so existing Selected Work/product links do not break.
- Rendered cover image is regenerated from page 1 of this exact PDF.
- Selected Work page reports exact page/source/claim counts from the final manifest.
- Product page routes to the same PDF and preserves product-specific positioning.
- Search index contains title, product, subject, evidence keywords and the PDF path.
- Search, Languages, Enquiry and LinkedIn are reachable from the English public navigation/footer.
- Local href/src/CSS url() audit passes from the Hostinger document root before ZIP.

Release gate

- Confirm the final PDF page count, source count, claim count, bookmarks and hyperlinks after the second-pass build.
- Render every page and inspect for clipping, overlap, broken glyphs, abnormal darkness and unintended sparse pages.
- Run PDF preflight and font audit; no unembedded or unknown font resource may remain.
- Update the website card metadata and cover image to the exact frozen PDF.
- Run the full-site local href/src/CSS-url audit from the Hostinger document root.
- Generate SHA-256 hashes only after the bytes are frozen and record them in the external publication manifest.
- Human approver reviews the frozen candidate and records approval. No automated process may simulate this gate.
- Only after the above should the complete Hostinger-ready directory be zipped and published.

Supersession control

This Version 2.0 publication candidate supersedes the earlier thin v168 Selected Work PDF of the same filename once the final website package is frozen. Earlier generated drafts remain non-authoritative and should not be uploaded alongside the released edition.

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Selected Work

<https://www.apertureforensic.com/selected-work.html>

Discuss a Matter

<https://www.apertureforensic.com/enquiry.html>

END OF CONTROLLED PUBLICATION CANDIDATE