(i) The validation results shall be included when submitting a PSCAD model to ERCOT.

(ii) Results for the following unit model validation tests shall be provided to demonstrate model accuracy. Additional details about each test are included in the Dynamics Working Group Procedure Manual.

(A) Step change in voltage;

(B) Large voltage disturbance (voltage ride-through tests);

(C) System strength test;

(D) Phase angle jump test; and

(E) Subsynchronous test.

(6) Dynamics data for a planned Facility will be updated by the Facility owner upon completion of the design for the Facility.

(7) Updated dynamics data for an existing Facility shall be provided to ERCOT when field tests, inspections, or other information demonstrates that the dynamics data should be changed to accurately represent the dynamic characteristics of the Facility.

(8) Dynamics Data is considered Protected Information pursuant to Protocol Section 1.3, Confidentiality.

(9) Dynamics data shall be provided with the legal authority to provide the information to all TSPs. If any of the information is considered Protected Information, the Facility owner shall indicate as such.

6.2.1 Dynamics Data Requirements for Generation Resources, Energy Storage Resources, and Settlement Only Generators

(1) A Resource Entity shall submit new or updated dynamics data in accordance with Section 5, Generator~~/Energy Storage System~~ Interconnection or Modification. The Resource Entity shall provide all dynamics data as described in paragraph (5) of Section 6.2, Dynamics Model Development, and the Dynamics Working Group Procedure Manual.

(2) A Resource Entity is responsible for tuning and validating the parameters that go into their models to ensure that the models produce an accurate representation of a device's capability and response. If ERCOT, the interconnecting TSP, or the Dynamics Working Group (DWG) identifies inappropriate or incomplete dynamics data, ERCOT, in its sole discretion, may reject the submitted dynamics data and will provide the Resource Entity an explanation for the rejection. The Resource Entity shall take action to resolve discrepancies and provide updated dynamics data to ERCOT and the interconnecting TSP within 30 days.

Board Report

6.3 Process for Developing Short Circuit Cases

(1) This Section describes the process for the development of the short circuit cases used for planning purposes. Nodal Operating Guide Section 6, Disturbance Monitoring and System Protection, describes other non-planning aspects relating to system protection and disturbance monitoring requirements.

(a) ERCOT shall collect the short circuit data sets or data updates developed by each Transmission Service Provider (TSP) and shall compile and maintain the short circuit cases.

(b) During the first quarter of each calendar year, ERCOT shall compile and distribute the Current Year (CY) short circuit case to the System Protection Working Group (SPWG).

(c) During the second quarter of each calendar year, ERCOT shall compile and distribute the Future Year (FY) short circuit cases for years two through five to the SPWG.

(d) The transmission and generation systems of each Facility owner in ERCOT shall be represented completely including positive and zero sequence data. Generation Resource and ~~Energy Storage Resource (~~ESR~~)~~ data shall be provided by the Resource Entity.

(e) Each common bus within both the short circuit case and the corresponding steady-state load flow case shall have a matching bus name and matching bus number. Each additional bus added to the short circuit case as necessary to perform short circuit studies shall be assigned a name and bus number that does not conflict with pre-existing names and bus numbers used in the current set of load flow cases.

(f) The positive sequence impedance of Transmission Elements used in both the load flow and short circuit cases shall be the same.

(g) Zero sequence data shall include mutual impedance of multi-circuit transmission lines and of adjacent circuits within the same right-of-way, unless the TSP considers such impedance to be insignificant for studies made from this data.

6.8 Resource Registration Procedures

(1) In accordance with Protocol Sections 3.7, Resource Parameters, 3.10, Network Operations Modeling and Telemetry, and 16.5, Registration of a Resource Entity, a Resource Entity shall register each Generation Resource, Energy Storage Resource (ESR), Settlement Only Generator (SOG), or Load Resource with ERCOT. The Resource Entity shall submit Resource Registration data and information through the Resource Registration process pursuant to Section 6.8.2, Resource Registration Process, and made available on the ERCOT website.

6.8.1 Resource Registration

(1) A Resource Entity shall submit complete Resource Registration data pursuant to Section 6.8.2, for each Generation Resource, ESR, SOG, or Load Resource prior to inclusion in applicable ERCOT systems.

(2) All data elements requested in the Resource Registration process will be contained in the Resource Registration Glossary. Changes, deletions or additions to the data elements in the Resource Registration Glossary will be made in accordance with the revision process specified for the Resource Registration Glossary.

(3) ERCOT shall post the Resource Registration Glossary on the ERCOT website.

(4) ERCOT shall post a detailed Resource Registration Guide on the ERCOT website that provides detailed instructions and explanations required for Resource Registration data and shall conform to the Resource Registration Glossary.

(5) ERCOT shall make available related documents for Resource Registration on the ERCOT website and shall notify Market Participants when changes are made to the Resource Registration process and requirements, including Resource Registration forms, the Resource Registration Glossary, and the Resource Registration Guide.

(6) As required by Section 5, Generator Interconnection or Modification, Generation Resources shall provide accurate initial data for inclusion in the ERCOT Network Operations Model. The data will be used to model future generation ~~and energy storage~~ for Steady State Working Group (SSWG), Dynamics Working Group (DWG), and System Protection Working Group (SPWG) base cases.

6.8.2 Resource Registration Process

(1) A Resource Entity shall submit the Resource Registration data for Generation Resources, ESRs, SOGs, or Load Resources as described in the Resource Registration Glossary.

(2) Upon receipt of the Resource Registration data, ERCOT shall review the completeness and accuracy of the data submission. ERCOT shall provide notice of acceptance and/or deficiencies to the Resource Entity.

(3) ERCOT shall provide notice to the Resource Entity if the Resource Registration data is accepted, which is not the same as an approved Network Operations Model Change Request (NOMCR). The acceptance of the Resource Registration data only means that the registered data moves to the next step of being converted to a NOMCR. After acceptance and/or approval, the data is still subject to various and continuous validation processes.

(4) If ERCOT's notice reports deficiencies through the data submission process or through subsequent validation processes, the Resource Entity shall make necessary changes specified and re-submit the Resource Registration data as necessary, until acceptance of the total set of registered data is granted.

(5) Upon acceptance of the Resource Registration data, ERCOT shall provide the Resource Entity with the model ready date on which the Resource Registration data will be implemented in production. Although a model ready date has been provided, subsequent data corrections may be required as a result of validation processes.

(6) If a Resource Entity desires that the submitted Resource Registration data become effective earlier than the schedule established in Protocol Section 3.10.1, Time Line for Network Operations Model Changes, it may submit a request for interim update as described in the Resource Registration Guide.

(7) ERCOT shall notify each Resource Entity when applicable changes to the model are processed and implemented in accordance with Protocol Section 3.10.1.

(8) A Resource Entity shall revise the Resource Registration data as required by this Section to reflect changes in any data related to a Generation Resource, ESR, SOG, or Load Resource.

(9) The Resource Entity must submit updated Resource Registration data containing changes made for the reasons below for a Generation Resource, ESR, SOG, or Load Resource:

(a) Within ten Business Days of ERCOT approval of a Net Dependable Capability test to reflect the results of the test;

(b) Within ten Business Days of ERCOT approval of a reactive capability test to reflect the results of the test;

(c) Within ten Business Days of a request by ERCOT to check or update specific Resource Registration data; and

(d) Within ten Business Days of a known change to any Resource Registration data.

6.9 Addition of Proposed Generation to the Planning Models

(1) For large generators meeting the conditions of paragraph (1) of Section 5.2.1, Applicability, ERCOT will include applicable generation in the base cases created and maintained by the Steady State Working Group (SSWG) once each of the following has occurred:

(a) The Interconnecting Entity (IE) has posted to the online Resource Integration and Ongoing Operations (RIOO) systems all data required in the Security Screening Study, if the Full Interconnection Study (FIS) has not started, or the FIS, if the FIS has started;

(b) The IE has posted to the online RIOO system documentation that it has received all necessary Texas Commission on Environmental Quality (TCEQ)-approved air permits or that no such permits are required and ERCOT has accepted the IE's submission;

(c) The IE has submitted via the online RIOO system a completed Declaration of Adequate Water Supplies (Section 8, Attachment B, Declaration of Adequate Water Supplies; ~~generation~~resource~~,~~eneration types exempt from this requirement are cited in Attachment B); and

(d) ERCOT receives one of the following via the online RIOO system:

(i) A signed Standard Generation Interconnection Agreement (SGIA) from the Transmission Service Provider (TSP) and a written notice from the TSP that the IE has provided:

(A) A notice to proceed with the construction of the interconnection; and

(B) The financial security required to fund the interconnection facilities; or

(ii) A public, financially binding agreement between the IE and the TSP under which the interconnection for the applicable generation will be constructed along with:

(A) A written notice from the TSP that the IE has provided notice to proceed with the construction of the interconnection; and

(B) The required financial security; or

(iii) A letter from a duly authorized official from a Municipally Owned Utility (MOU) or Electric Cooperative (EC) confirming the Entity's intent to construct and operate applicable generation ~~or energy storage~~ and interconnect such generation ~~or energy storage~~ to its own transmission system.

(2) Upon receiving notice from ERCOT that the large generator ~~or ESS~~ has met the requirements of paragraph (1) above, the IE shall provide within 60 days the remaining required data as specified in the Resource Registration Glossary, Planning Model column, using the applicable Resource Registration process. The purpose of submitting the data is for modeling of the applicable generation ~~or energy storage~~ in the base cases created and maintained by the System Protection Working Group (SPWG) and the Dynamics Working Group (DWG).

(3) For small generators ~~or ESSs~~ meeting the conditions of paragraph (1) of Section 5.2.1, ERCOT will include applicable generation ~~or energy storage~~ in the base cases created and maintained by the SSWG, SPWG, and DWG once ERCOT has determined that the IE has submitted all data required on the Resource Registration form and after inclusion of the generator ~~or ESS~~ in the Network Operations Model.

(4) Once the IE has met these requirements, ERCOT will notify the SSWG, SPWG, and DWG that the applicable generation ~~and energy storage~~ will be included in the base cases created and maintained by these working groups.

6.11 Process for Developing Geomagnetically-Induced Current (GIC) System Models

(1) To adequately simulate Geomagnetic Disturbance (GMD) events, it is necessary to establish and maintain Geomagnetically-Induced Current (GIC) system models and conduct geomagnetic disturbance vulnerability assessments to determine whether the ERCOT System can meet the performance requirements of the benchmark and supplemental geomagnetic disturbance event described in North American Electric Reliability Corporation (NERC) Reliability Standards. These GIC system models shall contain appropriate system data, and shall represent projected system conditions that provide a starting point for the required year(s).

(a) ERCOT, in collaboration with Transmission Service Providers (TSPs) and Resource Entities, shall develop and maintain the GIC system models. The GIC system models are derived from the steady-state base cases developed by Steady State Working Group (SSWG) for the near-term transmission planning horizon to ensure consistency between the system topology in the SSWG base cases and GIC system models.

(b) ERCOT, in collaboration with TSPs and Resource Entities, may set a Generation Resource or Energy Storage Resource (ESR) to out of service prior to receiving a Notification of Suspension of Operations (NSO) if the Resource Entity notifies ERCOT of its intent to retire/mothball the ~~Generation~~ Resource and/or makes a public statement of its intent to retire/mothball the ~~Generation~~ Resource.

(i) ERCOT will post and maintain the current list of Generation Resources and ESRs that will be set to out of service pursuant to paragraph (1)(b) above on the ERCOT website.

(c) Each TSP, or its Designated Agent, shall provide its respective transmission network GIC model data in accordance with the GIC System Model Procedure Manual.

(d) Each Resource Entity, or its Designated Agent, shall provide its respective Resource Entity-owned generating units, ~~ESSs,~~ plants, transmission lines, shunt devices, Main Power Transformers (MPTs), and Generator Step-Ups (GSUs) connected to the ERCOT System in accordance with the GIC System Model Procedure Manual and the Resource Registration Glossary.

(e) ERCOT shall aggregate the GIC system model data supplied by each TSP and Resource Entity and shall compile the data to form the GIC system models. Upon completion of compiling the data for the GIC system models, ERCOT and the TSPs shall review and finalize the GIC system models. Upon completion of the review of the GIC system models, ERCOT shall post these models on the ERCOT

Market Information System (MIS) Certified Transmission Service Provider Information page.

(f) Guidelines and formats for the GIC system model data and model maintenance can be found in the GIC System Model Procedure Manual.

(g) GIC data is considered Protected Information pursuant to Protocol Section 1.3, Confidentiality.

(2) Each TSP and Resource Entity shall provide ERCOT for use in the GMD vulnerability assessments as outlined in Section 3.1.8, Planning Geomagnetic Disturbance (GMD) Activities:

(a) A list of equipment potentially removed from service as a result of protection system operation or misoperation due to harmonics that could result from the benchmark GMD event.

(b) A list of equipment potentially removed from service as a result of protection system operation or misoperation due to harmonics that could result from the supplemental GMD event.

(3) TSPs and Resource Entities may refer to a Reliability and Operations Subcommittee (ROS)-approved methodology for developing the equipment lists described in paragraph (2) above. TSPs and Resource Entities are not required to submit the equipment lists described in paragraph (2) above until 30 days after ROS approves a methodology.

7.1 Planning Data and Information

(1) The information available on the ERCOT website or applicable Market Information System (MIS) (i.e., Secure or Certified Areas) includes, but is not limited to, planning information pertaining to the following:

(a) Long-term planning;

(b) Regional transmission planning;

(c) Steady state data;

(d) Resource integration;

(e) Case studies and files used in planning;

(f) Model information; and

(g) Data and information available to specific groups of Market Participants.

(i) Market Participants with a nondisclosure agreement with ERCOT have designated sections on the MIS that allow access to the certified posting of group information.

(ii) Market Participants may access the artifacts posted for their respective groups on the MIS Secure Area.

[PGRR116: Insert paragraph (h) below upon system implementation of NPRR1240:]

(h) Information on the ERCOT website pertaining to energy and demand shall include monthly reports with 15-minute interval data.

(2) The list below includes both data set and designated classification of the available planning data and information. Where the information is classified as "Certified," the appropriate Market Participant category or group is "(all TSPs)" to indicate all Transmission Service Providers (TSPs) or "(PDCWG members)" to indicate members of the Performance, Disturbance, Compliance Working Group (PDCWG).

Board Report

Data Set	Classification
Aggregated Wind Output	ERCOT website
Annual Planning Model Data Submittal Schedule	Secure
Demand and Energy Monthly Reports	Secure
Dynamic Data Information	Certified (all TSPs)
Economic Studies of Transmission Projects for New Generation	Secure
ERCOT Long-Term System Assessment (LTSA) (except for Protected Information)	Secure
ERCOT LTSA	Certified (all TSPs)
ERCOT Steady State Planning Contingency Files	Secure
ERCOT System Operating Limit (SOL) Methodology	ERCOT website
Generation Data Forms	Secure
Generator Interconnection Status (GIS) Report	ERCOT website
Geomagnetically-Induced Current (GIC) Flow Information	Secure
Geomagnetic Disturbance (GMD) Vulnerability Assessment Postings (except for Protected Information) – includes ERCOT Critical Energy Infrastructure Information (ECEII)	Secure
GMD Vulnerability Assessment Postings – includes ECEII and Protected Information	Certified (all TSPs)
GMD Vulnerability Assessment Postings (redacted) – excludes ECEII and Protected Information	ERCOT website
Documents Initiating a Generation Interconnection or Change Request (GINR)	Certified (all TSPs)
GINR Security Screening Studies and Supporting Documents	Secure
Sub-synchronous Oscillation Studies and Supporting Documents	Certified (all TSPs)
Full Interconnection Study (FIS): Steady-State, System Protection, Stability, and Facility Studies and Supporting Documents (except for Protected Information)	Secure
FIS: Draft Steady-State, System Protection, Stability, and Facility Studies and Supporting Documents	Certified (all TSPs)
Independent Market Monitor (IMM) and Topology Processor Supporting Documents	Certified (all TSPs)
Performance, Disturbance, Compliance Working Group (PDCWG) Group Documents and Project Files	Certified (PDCWG members)
Public Generation Information	ERCOT website
Remedial Action Plan (RAP) Review Cases	Certified (all TSPs)

Resource Registration Data	Certified (all TSPs)
Regional Planning Group Projects	Secure
Regional Transmission Plan Postings (except for Protected Information) – includes ERCOT Critical Energy Infrastructure Information (ECEII)	Secure
Regional Transmission Plan Postings – includes ECEII and Protected Information	Certified (all TSPs)
Regional Transmission Plan Postings (redacted) – excludes ECEII and Protected Information	ERCOT website
Seasonal Voltage Profile Studies	Certified (all TSPs)
Special Planning Studies (except for Protected Information)	Secure
Special Planning Studies	Certified (all TSPs)
Steady State Power Flow Base Cases	Secure
Steady State Power Flow Case Data	Certified (all TSPs)
Steady State Topology Processor Files	Secure
Steady State Transmission Project and Information Tracking (TPIT) Procedures	Secure
System Protection Short Circuit Data	Secure
Transient Stability Screening Study for ERCOT System	Certified (all TSPs)
TSP Planning Criteria and Procedures	Secure
Voltage Stability Screening Study for ERCOT System	Certified (all TSPs)

[PGRR116: Replace paragraph (2) above with the following upon system implementation of NPRR1240:]

(2) The list below includes both data set and designated classification of the available planning data and information. Where the information is classified as "Certified," the appropriate Market Participant category or group is "(all TSPs)" to indicate all Transmission Service Providers (TSPs) or "(PDCWG members)" to indicate members of the Performance, Disturbance, Compliance Working Group (PDCWG). "RIOO-RS" indicates information in Resource Integration and On-going Operations–Resource Services. Information classified as "Public" is available on the ERCOT website. The list below is intended to be only a general guide and not controlling language, and any conflict between this list and another section of the Planning Guide is controlled by the other section.

Board Report

Data Set	Classification
Aggregated Wind Output	Public
Annual Planning Model Data Submittal Schedule	Secure
Demand and Energy Monthly Reports	ERCOT website
Dynamic Data Information	Certified (all Transmission Service Providers (TSPs))
Economic Studies of Transmission Projects for New Generation	Secure
ERCOT Long-Term System Assessment (LTSA) (except for Protected Information) – includes ERCOT Critical Energy Infrastructure Information (ECEII)	Secure
ERCOT LTSA – includes ECEII and Protected Information	Certified (all TSPs)
ERCOT LTSA (redacted) – excludes ECEII and Protected Information	ERCOT website
ERCOT Steady State Planning Contingency Files	Secure
ERCOT System Operating Limit (SOL) Methodology	Public
Generator Interconnection Status (GIS) Report	Public
Geomagnetically-Induced Current (GIC) Flow Information	Secure
Geomagnetic Disturbance (GMD) Vulnerability Assessment Postings (except for Protected Information)	Secure
GMD Vulnerability Assessment Postings	Certified (all TSPs)
Documents Initiating a Generation Interconnection or Change Request	Secure (RIOO-RS)
Security Screening Studies and Supporting Documents	Secure (RIOO-RS)
Sub-synchronous Oscillation Studies and Supporting Documents	Certified (all TSPs)
Full Interconnection Study (FIS): Steady-State, System Protection, Stability, and Facility Studies and Supporting Documents (except for Protected Information)	Secure
FIS: Draft Steady-State, System Protection, Stability, and Facility Studies and Supporting Documents	Certified (all TSPs)
Independent Market Monitor (IMM) and Topology Processor Supporting Documents	Certified (all TSPs)
Performance, Disturbance, Compliance Working Group (PDCWG) Group Documents and Project Files	Certified (PDCWG members)
Public Generation Information	Public
Remedial Action Plan (RAP) Review Cases	Certified (all TSPs)

Resource Registration Data	Certified (all TSPs)
Regional Planning Group Projects	Secure
Regional Transmission Plan Postings (except for Protected Information)	Secure
Regional Transmission Plan Postings	Certified (all TSPs)
Seasonal Voltage Profile Studies	Certified (all TSPs)
Special Planning Studies (except for Protected Information)	Secure
Special Planning Studies	Certified (all TSPs)
Steady State Power Flow Base Cases	Secure
Steady State Power Flow Case Data	Certified (all TSPs)
Steady State Topology Processor Files	Secure
Steady State Transmission Project and Information Tracking (TPIT) Procedures	Secure
System Protection Short Circuit Data	Secure
Transient Stability Screening Study for ERCOT System	Certified (all TSPs)
TSP Planning Criteria and Procedures	ERCOT website
Voltage Stability Screening Study for ERCOT System	Certified (all TSPs)

ERCOT Planning Guide

Section 8

Attachment B: Declaration of Adequate Water Supplies

~~**January 1, 2019**~~**TBD**

Declaration of Adequate Water Supplies

Board Report

An Interconnecting Entity (IE) must submit this attestation form to notify ERCOT that water rights, contracts or groundwater supplies sufficient for generation of electricity have been obtained or that water supplies are not required for the generation of electricity at each proposed Generation Resource. Section 6.9, Addition of Proposed Generation to the Planning Models, requires an IE to submit this form before ERCOT may include certain proposed Generation Resources in the base cases created and maintained by the Steady State Working Group (SSWG), the System Protection Working Group (SPWG), and the Dynamics Working Group (DWG). Any IE that proposes to interconnect a Generation Resource powered by wind or, photovoltaic solar, or ~~battery e~~an Energy ~~s~~Storage Resources (ESR) does not need to submit this form. However, any IE proposing to interconnect any other type of Generation Resource must submit this form, even if the IE's proposed Resource will not use water.

Each IE should submit this attestation for each unique Generation Resource Interconnection Request (GINR) within ten Business Days of securing the relevant water supply rights, or, for Generation Resources that do not require water supplies to operate, within ten Business Days of executing the Interconnection Agreement with the Transmission Service Provider (TSP). The attestation should be signed by an officer or other individual with authority to bind the IE. The IE should submit the attestation and the necessary attachments to ERCOT via the online Resource Integration and Ongoing Operations (RIOO) system.

ATTESTATION

Name of Interconnecting Entity:

_____

Name and GINR Number of Project:

_____

By signing below, I certify that I am knowledgeable about the above-named project, and hereby represent as follows (check one of the following):

☐ No water rights, contracts or groundwater supplies are needed for the above-named proposed Generation Resource to generate electricity.

☐ The IE, the owner of the proposed Generation Resource, or another similarly situated party has secured water rights, contracts or groundwater supplies sufficient for the generation of electricity at the above-named proposed Generation Resource. A copy of the relevant contract(s), permit(s) and/or groundwater adequacy studies is attached to this declaration. The right(s) or contract(s) allows the Generation Resource owner or operator access to water according to the following terms (describe basic terms, including quantity, duration, and conditions of access):

_____

_____

Board Report

_____

_____

_____

_____

_____
Signature

_____
Name

_____
Title

_____
Date

ERCOT Planning Guide

Section 8

Attachment C: Declaration of Department of Defense Notification

~~**November 1, 2016**~~**TBD**

Declaration of Department of Defense Notification

Board Report

Interconnecting Entity (IE):_____

This declaration applies to the following proposed ~~project~~~~Generation Resource~~Generation Resource or Energy Storage Resource (ESR): _____

Check the below listed attestation(s) which apply to the ~~Generation Resourceproject~~Generation Resource or ESR.

I hereby attest that:

____ This IE has notified the Department of Defense (DOD) Siting Clearinghouse of the above listed proposed ~~Generation Resourceproject~~Generation Resource or ESR and requested that it perform an Informal Review and/or Formal Review as described in 32 C.F.R. § 211.1 (2013);

____ This IE has completed the formal review process for the ~~Generation Resourceproject~~Generation Resource or ESR with the Department of Defense (DOD) Siting Clearinghouse and Federal Aviation Administration (FAA), as described in 14 C.F.R. § 77.7 (2010) and 32 C.F.R. § 211.6 (2013); or

____ The above listed proposed ~~Generation Resourceproject~~Generation Resource or ESR is exempt from the requirement to seek review from the Department of Defense (DOD) and the Federal Aviation Administration (FAA), as described in 14 C.F.R. § 77.7 (2010) and 32 C.F.R. § 211.6 (2013).

By signing below, I certify that I am an officer, executive, or authorized employee with authority to bind the IE listed above, that I am authorized to execute and submit this declaration on behalf of each IE listed above, and that, to the best of my knowledge, the statements contained herein are true and correct.

_____
Signature

_____
Name

_____
Title

_____

Board Report

Date

ERCOT Impact Analysis Report

PGRR Number	118	PGRR Title	Related to NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era
Impact Analysis Date		July 31, 2024	
Estimated Cost/Budgetary Impact		None.	
Estimated Time Requirements		No project required. This Planning Guide Revision Request (PGRR) can take effect upon implementation of Nodal Protocol Revision Request (NPRR) 1246, Energy Storage Resource Terminology Alignment for the Single-Model Era.	
ERCOT Staffing Impacts (across all areas)		Ongoing Requirements: No impacts to ERCOT staffing.	
ERCOT Computer System Impacts		No impacts to ERCOT computer systems.	
ERCOT Business Function Impacts		No impacts to ERCOT business functions.	
Grid Operations & Practices Impacts		No impacts to ERCOT grid operations and practices.	

Evaluation of Interim Solutions or Alternatives for a More Efficient Implementation
None offered.

Comments
There are no additional impacts to this PGRR beyond what was captured in the Impact Analysis for NPRR1246.

Board Report

SCR Number	828	SCR Title	Increase the Number of Resource Certificates Permitted for an Email Domain in RIOO
Date of Decision		February 4, 2025	
Action		Recommended Approval	
Timeline		Normal	
Estimated Impacts		Cost/Budgetary: Between $50k and $70k Project Duration: 4 to 6 months	
Proposed Effective Date		Upon system implementation	
Priority and Rank Assigned		Priority – 2025; Rank - 4550	
Supporting Protocol or Guide Sections/Related Documents		None	
System Change Description		This System Change Request (SCR) increases the number of Resource certificates permitted for an email domain within the Resource Integration and Ongoing Operations (RIOO) system.	
Reason for Revision		☐ Strategic Plan Objective 1 – Be an industry leader for grid reliability and resilience ☐ Strategic Plan Objective 2 - Enhance the ERCOT region's economic competitiveness with respect to trends in wholesale power rates and retail electricity prices to consumers ☐ Strategic Plan Objective 3 - Advance ERCOT, Inc. as an independent leading industry expert and an employer of choice by fostering innovation, investing in our people, and emphasizing the importance of our mission ☒ General system and/or process improvement(s) ☐ Regulatory requirements ☐ ERCOT Board/PUCT Directive *(please select ONLY ONE – if more than one apply, please select the ONE that is most relevant)*	

Board Report

Justification of Reason for Revision and Market Impacts	This SCR allows Market Participants with larger portfolios to have comprehensive visibility in RIOO, the Resource Services application, to support timely data submissions.
PRS Decision	On 12/12/24, PRS voted unanimously to recommend approval of SCR828 as submitted. All Market Segments participated in the vote. On 1/15/25, PRS voted unanimously to endorse and forward to TAC the 12/12/24 PRS Report and 1/14/25 Impact Analysis for SCR828 with a recommended priority of 2025 and rank of 4550. All Market Segments participated in the vote.
Summary of PRS Discussion	On 12/12/24, participants discussed the need to increase the limit above 50 certificates per email domain. On 1/15/25, participants reviewed the 1/14/25 Impact Analysis for SCR828.
TAC Decision	On 1/22/25, TAC voted unanimously to recommend approval of SCR828 as recommended by PRS in the 1/15/25 PRS Report. All Market Segments participated in the vote.
Summary of TAC Discussion	On 1/22/25, there was no additional discussion beyond TAC review of the items below.
TAC Review/Justification of Recommendation	[X] Revision Request ties to Reason for Revision as explained in Justification [X] Impact Analysis reviewed and impacts are justified as explained in Justification [X] Opinions were reviewed and discussed [X] Comments were reviewed and discussed (if applicable) [ ] Other: (explain)
ERCOT Board Decision	On 2/4/25, the ERCOT Board voted unanimously to recommend approval of SCR828 as recommended by TAC in the 1/22/25 TAC Report.

Opinions	
Credit Review	Not applicable
Independent Market Monitor Opinion	IMM has no opinion on SCR828.

Board Report

ERCOT Opinion	ERCOT supports approval of SCR828.
ERCOT Market Impact Statement	ERCOT Staff has reviewed SCR828 and believes the market impact of increasing the number of Resource certificates permitted for an email domain within RIOO will improve efficiency by allowing Market Participants with larger portfolios to have comprehensive visibility in RIOO and support the timely submission of data.

Sponsor	
Name	Kara Beckmann
E-mail Address	kara.beckmann@nexteraenergy.com
Company	NextEra Energy Resources
Phone Number	(202) 907-9542
Cell Number	(202) 907-9542
Market Segment	Not applicable

Market Rules Staff Contact	
Name	Erin Wasik-Gutierrez
E-Mail Address	erin.wasik-gutierrez@ercot.com
Phone Number	413-886-2474

Comments Received	
Comment Author	**Comment Summary**
None	

Market Rules Notes

None

Proposed System Change

Issue:

Currently, there is a limit of 23 certificates available to an email domain associated with a certificate holder.

The limit creates a challenge for Market Participants, with more than 23 generation assets, to efficiently submit Resource updates in the RIOO Resource Services application.

Resolution:

The limit should be increased to, at least, 50 certificates for an email domain.

The benefits include the following:

- Improved submission quality - Allows Market Participants to support efficient updates on Resource data.
- System enhancement - Improves RIOO system performance.

ERCOT Impact Analysis Report

SCR Number	828	NPRR Title	Increase the Number of Resource Certificates Permitted for an Email Domain in RIOO
Impact Analysis Date		January 14, 2025	
Estimated Cost/Budgetary Impact		Between $50k and $70k See Comments.	
Estimated Time Requirements		The timeline for implementing this System Change Request (SCR) is dependent upon Public Utility Commission of Texas (PUCT) prioritization and approval. Estimated project duration: 4 to 6 months	
ERCOT Staffing Impacts (across all areas)		Implementation Labor: 100% ERCOT; 0% Vendor Ongoing Requirements: No impacts to ERCOT staffing.	
ERCOT Computer System Impacts		The following ERCOT systems would be impacted: • Resource Integration and Ongoing Operations 100%	
ERCOT Business Function Impacts		No impacts to ERCOT business functions.	
Grid Operations & Practices Impacts		No impacts to ERCOT grid operations and practices.	

Evaluation of Interim Solutions or Alternatives for a More Efficient Implementation
None offered.

Comments
If approved, ERCOT plans to combine SCR828 with other projects for increased efficiency.