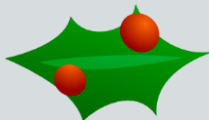




New Template for Submitting Dynamic Models to ERCOT

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Why Update?

- Easier to use
- Eliminate requesting ERCOT to build a Template for new UDM models
- Help REs prepare Parameter Verification Reports (PVR)
- Provide built-in tools to compare models

Why does the Template ask several questions?

- Most questions help the RE self-check that they put together a complete model submission
- Some questions facilitate ERCOT's review (provide more clarity and reduce back-and-forth emails)
- Questions are generally very simple and straightforward
- Not requesting any new information

Question	Owner Response
Date of most recent update to PSSe / TSAT Model -->	
Date of most recent update to the PSCAD model -->	
MOD-026 Date: -->	
MOD-027 Date: -->	
Date when field parameters were confirmed (Verification), if any	

The new NOGRR-245 section

- Purpose is to fulfill NOGRR-245 objectives as they relate to the dynamic model review
 - Not intended to be an exhaustive NOGRR-245 assessment. Only facilitates our model review
 - Not intended to define or interpret the rule written in Nodal Operating Guide 2.9
- ERCOT is currently working on a more robust NOGRR-245 process that involves RIOO
- The new Template questions help ERCOT continue model reviews without interruption and avoid additional emails
- ERCOT will review the questions in the future to see if adjustment is needed

	Unit 1	Unit 2	Unit 3
Name (complete on Home sheet)	UNIT1	UNIT2	UNIT3
Device (complete on Home sheet)	0	0	0
SGIA Date ("IA Date")			
INR#			
NOGRR-245 Applicability	(Select)	(Select)	(Select)
If Legacy, reason not Preferred?	(Select if Legacy)	(Select) Legacy Preferred	(Select if Legacy)
Has protection been maximized?	(Select)		(Select)

SGIA Date and NOGRR-245 Applicability

Generally, Resources with an IA on or after 8/1/2024 or Resources that initiate a GIM (generation interconnection) on or after 8/1/2024 are subject to the Preferred requirements. Refer to NOG Section 2.9 for the precise requirement. If you responded "Legacy" under Applicability then enter the reason.

The new Parameter Verification Section

- Verification reports are required to be submitted within 30 days of your Part 3 Commissioning approval (“COD”) per Planning Guide 5.5
- Rather than preparing a separate Verification report, you can answer the questions and enter the data directly into the Template
 - Template will serve as your required Verification Report
- Expected to speed up the Verification process and provide clarity
- Use of the Verification part of the Template is not required
 - You can still prepare a separate written report if desired
 - Regardless, the requirements are not changing. You must provide supporting evidence / documentation of the field settings.

PVR Report (Fill out this sheet or include your own report.)

1 Name and contact for this report:

2 Date of this report:

3 SITECODE of facility being verified:

4 Does this report cover the whole facility or only a specific part or phase? (Respond in below box.)

(Enter response here.)

5 Describe how field settings were checked for each equipment being verified:

(Conventional Example: On 9/1/2023, technicians accessed and downloaded stabilizer and protection relay settings. Governor and Exciter settings were not checked as a recent MOD-026/027 study is available to use in lieu. Generator inertia and saturation values were confirmed from original documents (attached for reference). Additional photographs of device interface screens showing settings are included.)

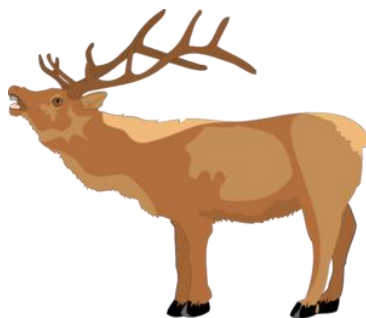
(IBR Example: On 9/1/2023, the turbine OEM logged into 5 turbines and downloaded their settings. On 9/20/2023, technicians accessed the PPC controller settings. Screenshots are included for reference.)

6 Was the owner/technician unable to access any device settings? Why?

(Enter response here.)

Implementation

- The draft (“Beta version”) of the Template is posted on [RIWG](#)
- ERCOT is encouraging everyone to test and provide feedback
 - Email dynamicmodels@ercot.com with “Template Issue” in the email subject line
- During this testing phase, you can continue to use the [old \(existing\) Templates](#) for model submissions
 - **If you find that the new Template works and correctly imports all your data, then you can use it for an official model submission**
 - Answering the new fill-in-the-blank questions is not required while the new Template is in trial testing but will help ERCOT perform a model review
- Because the new Template is expected to improve the efficiency of collecting dynamic models, ERCOT will be looking to fully implement it
 - Perhaps in Q2 of 2025 if it seems to be working well
- ERCOT will request feedback at a Q1 2025 RIWG meeting



Thank you!

dynamicmodels@ercot.com

(Send us an email with “Template Issue” in the subject line)