Gen Model Tool – Upcoming Changes

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Reliability Standards and Compliance Subcommittee

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Gen Model – New Paradigm

- Gen Model is an application that allows users to submit generator data for model builds on the planning horizon in order to support NERC MOD-032, TPL-007, and PRC-024 compliance.
- The Gen Model tool is undergoing enhancements to streamline the process and to provide a better user experience
- In the new paradigm, the Generator Owners(GOs) can view and verify data that PJM has on file for accuracy versus entering separately
- If the data aligns, GOs can click on the ‘Certify’ button to complete the submission for each Generator form

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Gen Model – New Paradigm

Action Required	Deadline	Who May Be Affected
Informational and Educational – no action required	None	Generator Owners who fall under the criteria of NERC MOD - 032 standard to submit data in Gen Model

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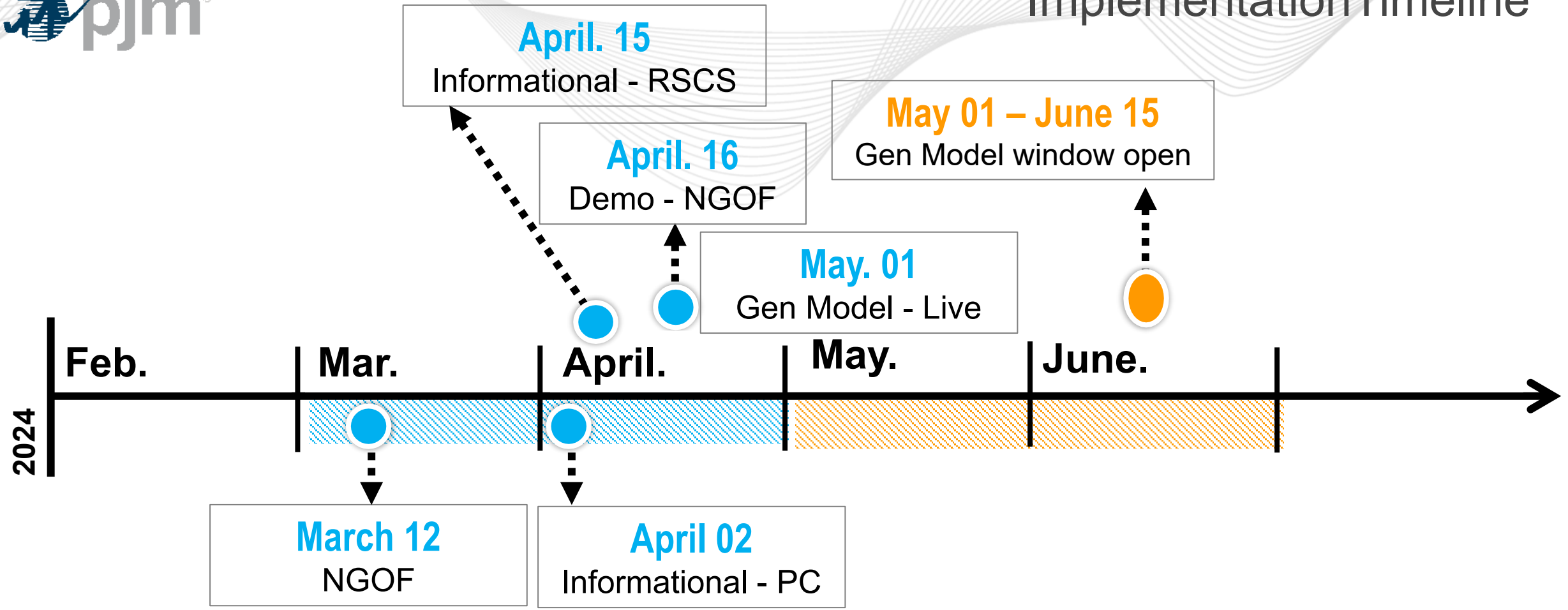
Implementation Timeline



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Gen Model – New Paradigm

- If the presented data in Gen Model for the GOs Plant/generator will need a change, they can click on ‘Request data change’
- This allows GOs to enter the data and upload file/s to justify the data change request
- An automated email notification will be sent to MOD-032 group notifying the change request by GOs
- All dynamic data change request will need to go through MOD-026/27 process

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Gen Model – New Paradigm

- A ticket number generated through MOD-026/27 process must be entered in Gen Model after requesting for data change through MOD-026/27 (this will complete the submission process for Dynamics data)
- Data export feature is available
- Visibility to uploaded files by GOs

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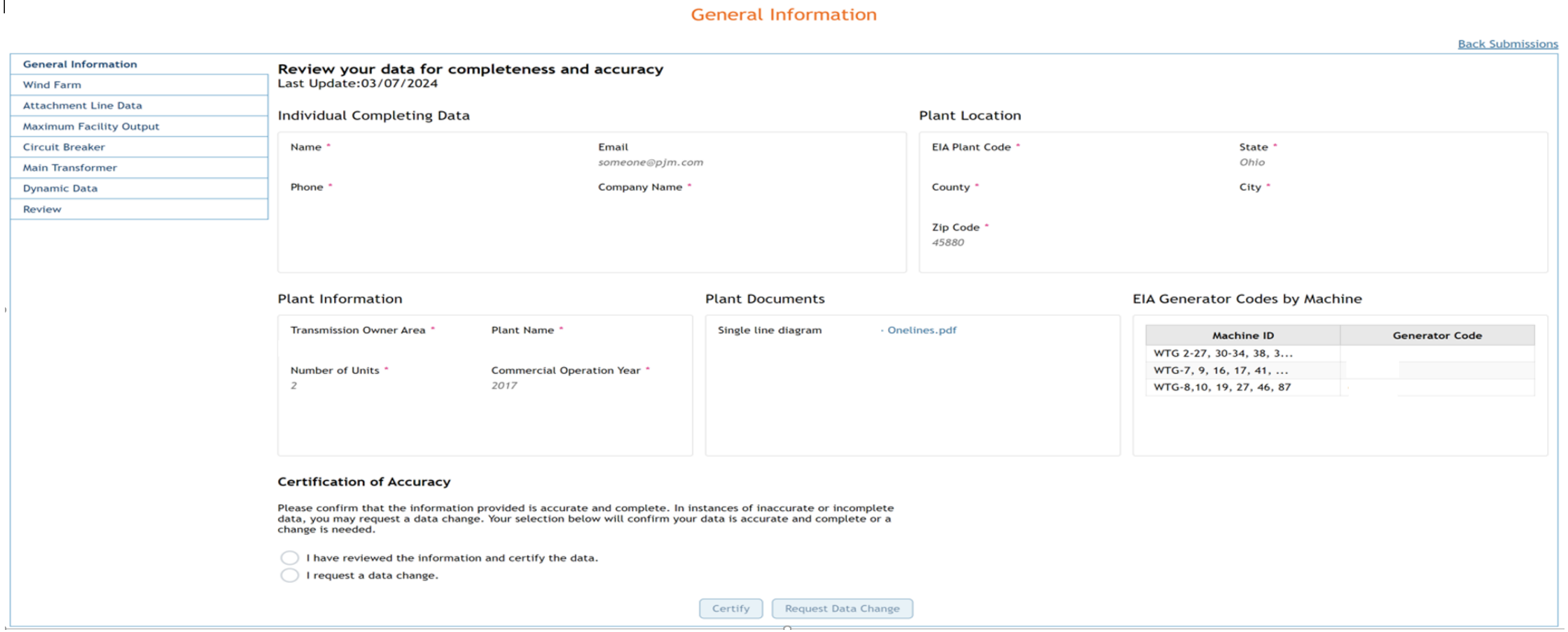
Gen Model – New Paradigm

- After copying an existing Gen Model submission, a new submission is created and the user is redirected to the new generator information certification page. The user can certify by selecting the first radio button and clicking the ‘Certify’



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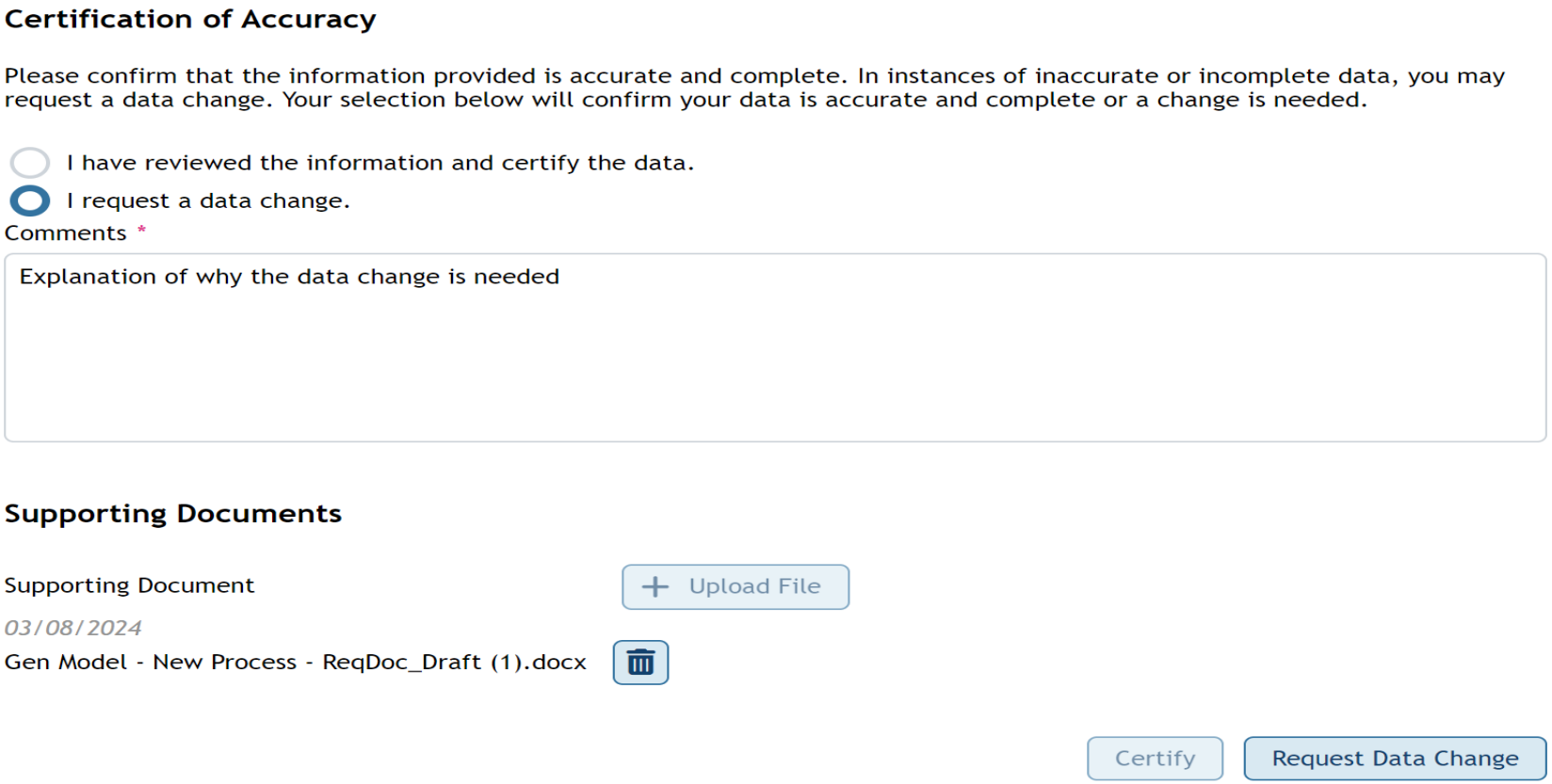
Data Certification

- The user can request a data change but selecting the second radio button and clicking the “Request Data Change” button. In that case, the user must also enter comments and optionally upload a supporting document



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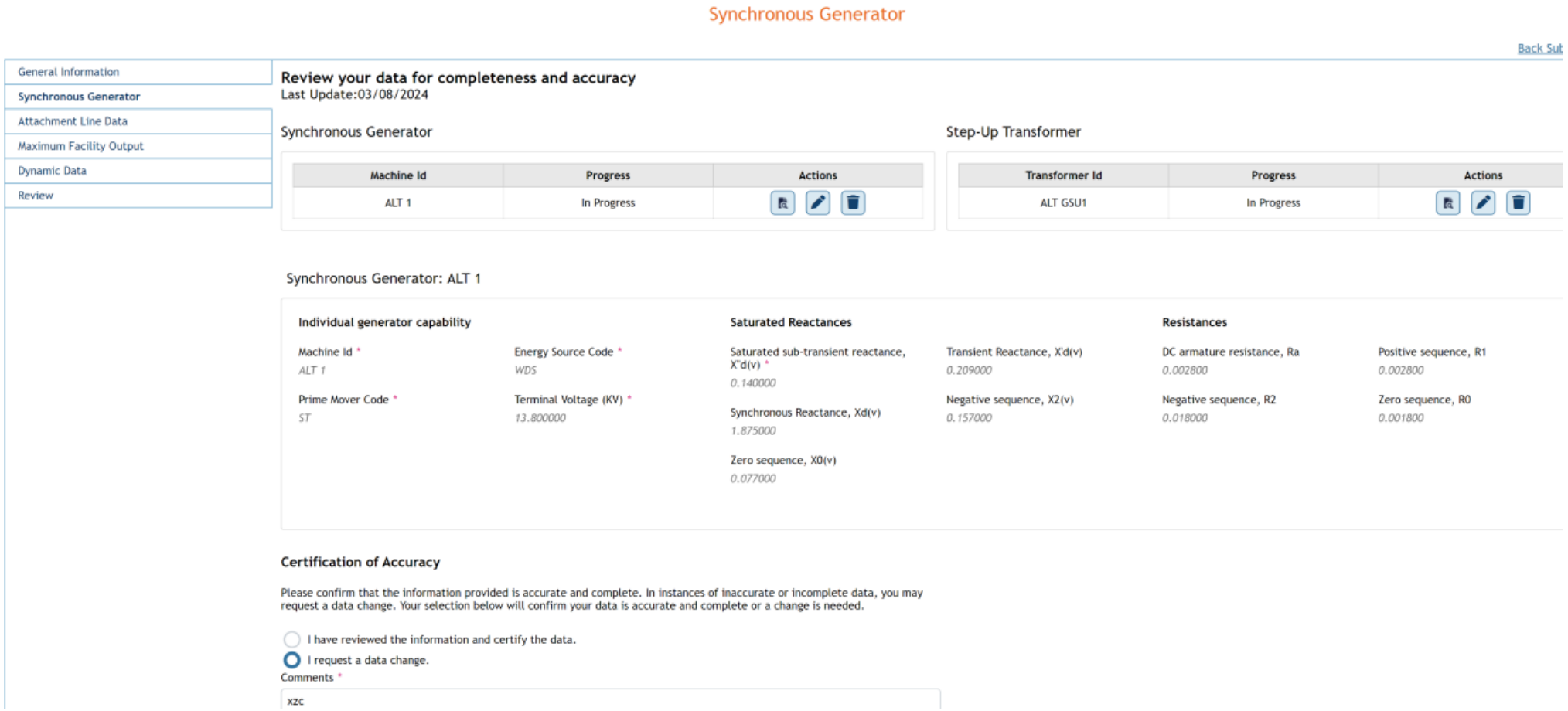
Synchronous Generator Page



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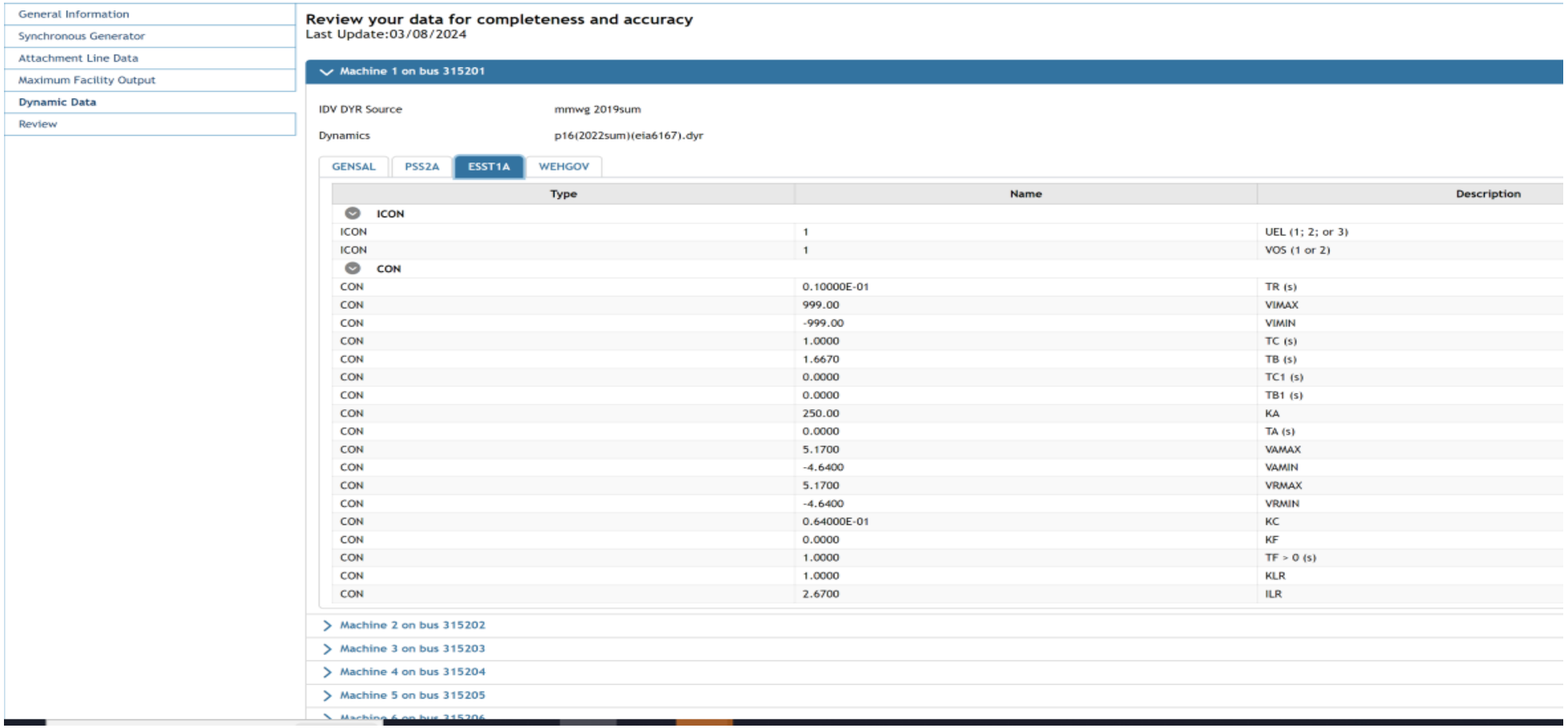
Dynamic Data

For each machine, there will be a panel displaying dynamic data with each model on a separate tab



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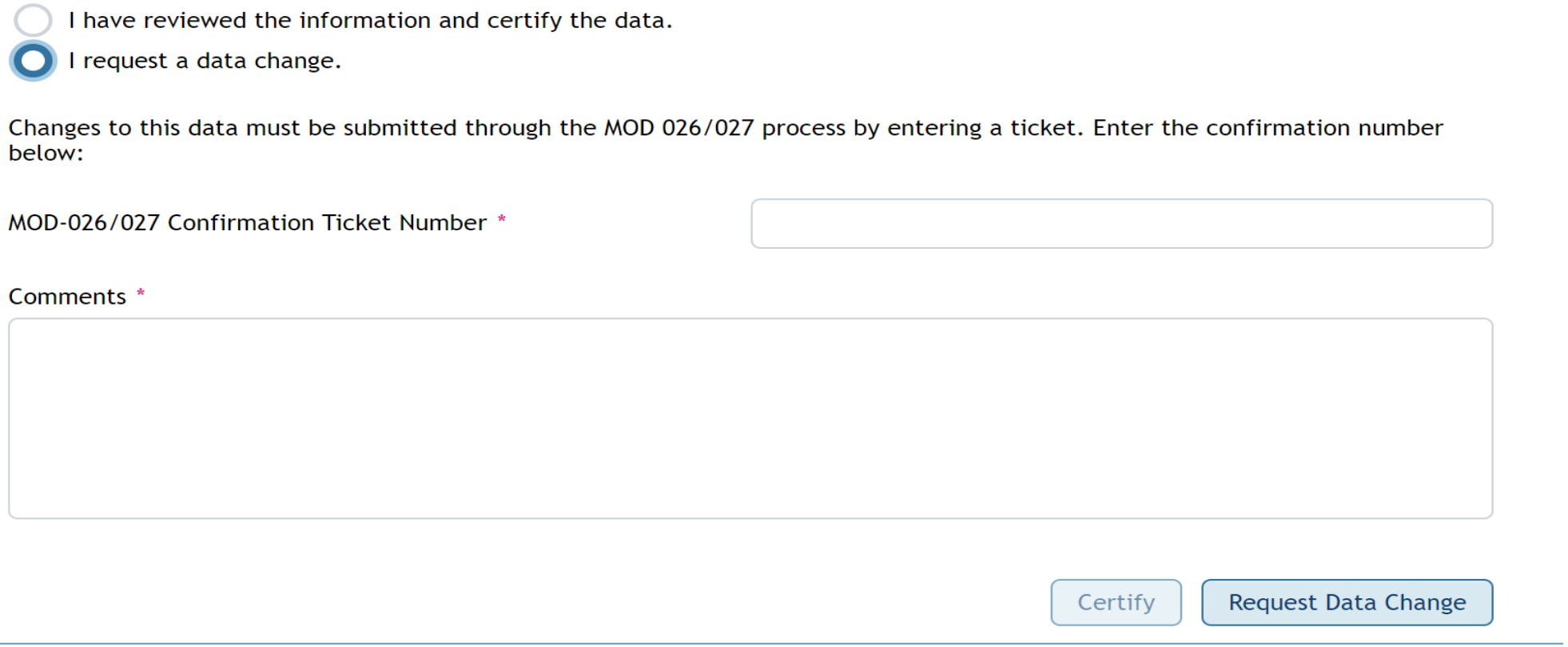
Dynamic data

- When requesting dynamic data change, a ticket number and comments are required



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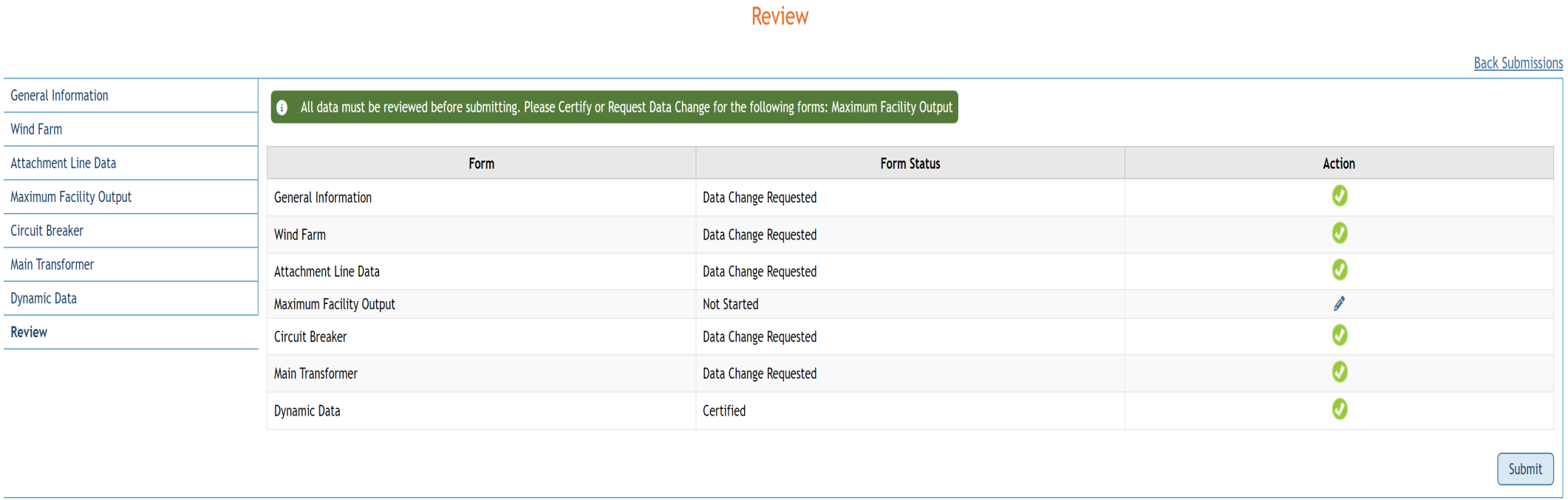
Sample Review Page



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Key Takeaways

1	2	3
• Gen model tool changes and enhancements are expected to go live into production on May 01, 2024	• PJM- IT Demonstration at Nuclear Generator Owners Forum (NGOF) on April 16, 2024 (10:00 a.m.- 12:00 p.m.) • A recording of the demo (internally conducted) will be released for all GOs prior to the window opening	• Refer contact slide # 14 to reach out for any questions or concerns related to the Gen Model tool

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