**AMENDING CERTAIN PROVISIONS OF DEPARTMENT CIRCULAR NO. DC2021-06-0013 ON THE FRAMEWORK GOVERNING THE TEST AND COMMISSIONING ACTIVITIES OF EMBEDDED GENERATORS**

|  **Section Title** | **Section** | **DOE DC2021-06-0013** | **DOE DRAFT DC AMENDING** **DC2021-06-0013** | **DOE’s RATIONALE** |
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| Procedures Before Test and Commissioning | 4.2 | 4.2 Procedures Before Test and Commissioningxxx xxx xxx4.2.3 The following shall serve as certifications to commence Test and Commissioning:4.2.3.1 For grid-connected Generation Facilities, a Provisional CATC issued by the TNP.4.2.3.2 For Embedded Generators:a) Provisional CATC issued by the DU; andb) Clearance to Energize from the TNP.A Clearance to Energize shall be secured in accordance with the processes of the TNP.xxx xxx xxx” | 4.2 Procedures Before Test and Commissioningxxx xxx xxx~~4.2.3 The following shall serve as certifications to commence Test and Commissioning:~~~~4.2.3.1 For grid-connected Generation Facilities, a Provisional CATC issued by the TNP.~~~~4.2.3.2 For Embedded Generators:~~~~a) Provisional CATC issued by the DU; and~~~~b) Clearance to Energize from the TNP.~~~~A Clearance to Energize shall be secured in accordance with the processes of the TNP.~~**4.2.3** **The relevant Network Service Provider shall issue the Provisional Certificate of Approval to Connect (PCATC) to commence the conduct of Test and Commissioning activities. For clarity, the TNP shall issue the PCATC for grid-connected generation facilities, whereas the DU shall issue the PCATC for Embedded Generators.**xxx xxx xxx” | Based on the meeting with ERC conducted last 30 May 2023 on the Proposed Revision of COC Rules. |
| Procedures During Test and Commissioning | 4.3 | 4.3 Procedures During Test and Commissioning xxx xxx xxx 4.3.1.2 The TNP, SO and the concerned DU shall witness the Test and Commissioning activities of Embedded Generators to be undertaken by a third-party testing entity. The DU or TNP may also conduct the Test and Commissioning activities in the event that a third-party testing entity is not available. xxx xxx xxx” | 4.3 Procedures During Test and Commissioning xxx xxx xxx 4.3.1.2 The ~~TNP, SO and the~~ concerned DU shall witness the Test and Commissioning activities of Embedded Generators to be undertaken by a third-party testing entity. **At the option of the EGs, the DU or TNP may also conduct the Test and Commissioning activities.** ~~The DU or TNP may also conduct the Test and Commissioning activities in the event that a third-party testing entity is not available.~~xxx xxx xxx” | SO must oversee the demand side. |
| Procedures After Test and Commissioning | 4.4 | 4.4 Procedures After Test and Commissioning xxx xxx xxx4.4.2 Within fourteen (14) calendar days after the complete evaluation of the results and validation that the Generation Facility is ready to deliver energy to the Grid or distribution network, and has completed submission of the pertinent requirements of the TNP or the DU, the following shall issue the Final CATC to the Generation Company which signifies successful conduct of Test and Commissioning and that the Generation Facility can operate in accordance with applicable parameters of the PGC or PDC: 4.4.2.1 the TNP for a grid-connected Generation Facility; 4.4.2.2 the DU for an Embedded Generator. xxx xxx xxx | 4.4 Procedures After Test and Commissioningxxx xxx xxx4.4.2 Within fourteen (14) calendar days after the complete evaluation of the results and validation that the Generation Facility is ready to deliver energy to the Grid or distribution network, and has completed submission of the pertinent requirements of the TNP **in accordance with the PGC,** or the DU **in accordance with the PDC**, the following shall issue the **Final Certificate of Approval to Connect (FCATC)** to the Generation Company which signifies successful conduct of Test and Commissioning and that the Generation Facility can operate: ~~in accordance with applicable parameters of the PGC or PDC:~~4.4.2.1 the TNP for a grid-connected Generation Facility; **and**4.4.2.2 the DU for ~~an~~ Embedded Generator.**In case the test was conducted by a third-party, the evaluation results shall be provided by the Generation Company to the TNP or the DU for the issuance of the FCATC. Similarly, in case the TNP conducted the test for EGs, the TNP shall provide the results to the concerned DU for the latter's issuance of the FCATC.**xxx xxx xxx” | NGCP or third-party entity shall submit the testing results to the DU.The DU then will review and will issue the FCATC to the GenCo based on the results of T&C. |
|  |  | xxx xxx xxx4.4.5 The ERC, within sixty (60) calendar days upon receipt of the final CATC and satisfaction of other applicable requirements, shall issue the COC to the Generation Company with respect to its Generation Facility. The ERC shall furnish a copy of the same to the MO and publish a list thereof in the ERC website on a monthly basis.Pending the issuance of the COC by the ERC, a Generation Company that has been issued with a final CATC may be allowed to continue to operate and be compensated as price taker in the market, unless the ERC issues an Order for the Generation Company's immediate disconnection from the grid.For this purpose, the Generation Company's dispatch shall be in accordance with the following:4.4.5.1. For Variable Renewable Energy, the Generation Company shall submit its projected output to the MO and comply with applicable forecast accuracy standards; and4.4.5.2. For scheduled generating units, priority dispatch generating units, and energy storage systems, the Generation Company shall submit to the MO its day ahead nomination and shall comply with the applicable dispatch conformance standards.Projected output and day-ahead nominations shall be submitted through the MO's Market Participant Interface, which, as necessary, may be revised by the Generation Company near real-time.All Generation Companies with final CATC but with pending issuance of COC, who submitted day ahead projected output or nomination shall be monitored by the Enforcement and Compliance Office and be subject to imposition of financial penalties.In cases when the energy injection of the concerned Generation Companies significantly deviates from their projected output or day- ahead nomination and poses threat to system security, the SO shall implement the WESM re-dispatch process, pursuant to the WESM Rules and Market Manuals.All energy injected by Generation Companies with final CATC but with pending issuance of COC may be declared as bilateral quantities while spot quantities shall be paid at WESM prices. | xxx xxx xxx4.4.5 The ERC, within sixty (60) calendar days upon receipt of the **FCATC** and satisfaction of other applicable requirements, shall issue the COC to the Generation Company with respect to its Generation Facility. The ERC shall furnish a copy of the same to the MO and publish a list thereof in the ERC website on a monthly basis.Pending the issuance of the COC by the ERC, a Generation Company that has been issued with a final CATC may be allowed to continue **to operate, be dispatch and compensation pursuant to the provisions of this Circular,** ~~to operate and be compensated as price taker in the market,~~ unless the ERC issues an Order for the Generation Company's immediate **cessation and** disconnection from the grid.For this purpose, the Generation Company~~'s~~ **with issued FCATC, shall be dispatched and compensated in the following manner:** ~~dispatch shall be in accordance with the following:~~4.4.5.1. For Variable Renewable Energy **and Must-Dispatch Generating Units**, the Generation Company shall submit its projected output to the MO and comply with applicable forecast accuracy standards; ~~and~~**4.4.5.2 For Priority Dispatch Generating Units, the Generation Company shall submit to the MO its day ahead nomination and shall comply with its applicable dispatch conformance standards; and**4.4.5.3~~2~~. For scheduled generating units~~, priority dispatch generating units,~~ and energy storage systems, the Generation Company shall submit to the MO its **offer prices and quantities, with due consideration of its maximum available capacity,**  ~~day ahead nomination~~ and shall comply with the applicable dispatch conformance standards.Projected output and day-ahead nominations shall be submitted through the MO's Market Participant Interface, which, as necessary, may be revised by the Generation Company near real-time.All Generation Companies with ~~final~~ **FCATC** but with pending issuance of COC, who submitted day ahead projected output or nomination shall be monitored by the Enforcement and Compliance Office and be subject to imposition of financial penalties.In cases when the energy injection of the concerned Generation Companies significantly deviates from their projected output or day- ahead nomination and poses threat to system security, the SO shall implement the WESM re-dispatch process, pursuant to the WESM Rules and Market Manuals.All energy injected by Generation Companies with ~~final~~ **FCATC** but with pending issuance of COC may be declared as bilateral quantities while spot quantities shall be paid at WESM prices.**For clarity, the declaration of BCQ by the Generation Company shall be without prejudice to the ERC's authority to approve the corresponding Power Supply Agreement of the Generation Company with the DU.** |  |