

California Independent System Operator Corporation  
Fifth Replacement Electronic Tariff

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**25 Interconnection Of Generating Units And Facilities**

**25.1 Applicability**

This Section 25 and Appendix U (the Standard Large Generator Interconnection Procedures (LGIP)), Appendix Y (the Generator Interconnection Procedures (GIP)), Appendix S (the Small Generator Interconnection Procedures (SGIP)), or Appendix W, as applicable, shall apply to:

- (a) each new Generating Unit that seeks to interconnect to the CAISO Controlled Grid;
- (b) each existing Generating Unit connected to the CAISO Controlled Grid that will be modified with a resulting increase in the total capability of the power plant;
- (c) each existing Generating Unit connected to the CAISO Controlled Grid that will be modified without increasing the total capability of the power plant but has changed the electrical characteristics of the power plant such that its re-energization may violate Applicable Reliability Criteria;
- (d) each existing Generating Unit connected to the CAISO Controlled Grid whose total Generation was previously sold to a Participating TO or on-site customer but whose Generation, or any portion thereof, will now be sold in the wholesale market, subject to Section 25.1.2; and
- (e) each existing Generating Unit that is a Qualifying Facility and that is converting to a Participating Generator without repowering or reconfiguring the existing Generating Unit, subject to Section 25.1.2.

**25.1.1 Interconnection Request And Generating Unit Requirements**

The owner of a Generating Unit described in Section 25.1 (a), (b), or (c), or its designee, shall be an Interconnection Customer required to submit an Interconnection Request and comply with Appendix DD.

**25.1.2 Affidavit Requirement**

If the owner of a Generating Unit described in Section 25.1(d), or its designee, represents that the total generating capability and electrical characteristics of the Generating Unit will be substantially

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unchanged, then that entity must submit an affidavit to the CAISO and the applicable Participating TO representing that the total generating capability and electrical characteristics of the Generating Unit have remained substantially unchanged. However, if there is any change to the total generating capability and electrical characteristics of the Generating Unit, the affidavit shall include supporting information describing any such changes. The CAISO and the applicable Participating TO shall have the right to verify whether or not the total generating capability or electrical characteristics of the Generating Unit have substantially changed or will substantially change. The CAISO may engage the services of the applicable Participating TO in conducting such verification activities, Costs incurred by the CAISO and Participating TO (if any) shall be borne by the party making the request under Section 25.1.2, and such costs shall be included in a CAISO invoice for verification activities.

**25.1.2.1** If the CAISO and the applicable Participating TO confirm that the electrical characteristics are substantially unchanged, then that request will not be placed into the interconnection queue. However, the owner of the Generating Unit, or its designee, will be required to execute a Standard Large Generator Interconnection Agreement in accordance with Section 11 of Appendix U (the LGIP), a Large Generator Interconnection Agreement in accordance with Section 11 of Appendix Y (the GIP), a Small Generator Interconnection Agreement in accordance with Section 3.3.4, 3.4.5, or 3.5.7 and Section 4.8 of the SGIP, or an interconnection agreement in accordance with Appendix W, as applicable.

**25.1.2.2** If the CAISO and the applicable Participating TO cannot confirm that the total capability and electrical characteristics are and will be substantially unchanged, then the owner of the Generating Unit, or its designee, shall be an Interconnection Customer required to submit an Interconnection Request and comply with Appendix U (the LGIP), Appendix Y (the GIP), Appendix S (the SGIP), or Appendix W, as applicable.

**25.2 Interconnections To The Distribution System**

Any proposed interconnection by the owner of a planned Generating Unit, or its designee, to connect that Generating Unit to a Distribution System of a Participating TO will be processed, as applicable, pursuant to the Wholesale Distribution Access Tariff or CPUC Rule 21, or other Local

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Regulatory Authority requirements, if applicable, of the Participating TO; provided, however, that the owner of the planned Generating Unit, or its designee, shall be required to mitigate any adverse impact on reliability of the CAISO Controlled Grid consistent with Appendix U (the Standard Large Generator Interconnection Procedures) and Appendix Y (the GIP). In addition, each Participating TO will provide to the CAISO a copy of the system impact study used to determine the impact of a planned Generating Unit on the Distribution System and the CAISO Controlled Grid pursuant to a request to interconnect under the applicable Wholesale Distribution Access Tariff or CPUC Rule 21, or other Local Regulatory Authority requirements, if applicable.

**25.3 Maintenance Of Encumbrances**

No new Generating Unit shall adversely affect the ability of the applicable Participating TO to honor its Encumbrances existing as of the time an Interconnection Customer submits its Interconnection Request to the CAISO. The applicable Participating TO, in consultation with the CAISO, shall identify any such adverse effect on its Encumbrances in the Interconnection System Impact Study performed under Section 7 of Appendix U (the LGIP), the Phase I Interconnection Study performed under Section 6 of Appendix Y (the GIP), the system impact study performed under Section 3.4 of the SGIP, or the System Impact Study performed under Section 5.1 of Appendix W, as applicable. To the extent the applicable Participating TO determines that the connection of the new Generating Unit will have an adverse effect on Encumbrances, the Interconnection Customer shall mitigate such adverse effect.

**25.4 Asynchronous Generating Facilities**

Asynchronous Generating Facilities that are the subject of Interconnection Requests in a serial study queue and for which a Large Generator Interconnection Agreement has not been executed or tendered for signature as of July 2, 2010 shall be subject to the Large Generator Interconnection Agreement set forth in Appendix BB. Asynchronous Generating Facilities that are the subject of Interconnection Requests in a Queue Cluster Window and for which a Large Generator Interconnection Agreement has not been executed or tendered for signature as of July 3, 2010 shall be subject to the Large Generator Interconnection Agreement set forth in Appendix CC. Asynchronous Generating Facilities that have been or should have been tendered a Large

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Generator Interconnection Agreement as of July 3, 2010 shall be subject to the Large Generator Interconnection Agreement set forth in Appendix Z.