

ATTACHMENT B

**Matrix of Changes
Appendix 1 to LGIP
Interconnection Request**

Change	Section(s)	Reason for Change
<u>Provide three copies of this completed form pursuant to Section 7 below.</u>	Prior to #1	The ISO coordinates the interconnection process and needs multiple copies of this Interconnection Request.
Transmission Provider's Transmission System ISO Controlled Grid pursuant to the ISO Tariff.	#1	The proposed language is more specific. The interconnection is on the ISO Controlled Grid and the process is set out in the ISO Tariff.
The type of interconnection service requested...	#3	The deleted language is not applicable, as the proposed LGIP does not include the two Interconnection Service options that are spelled out in the FERC <i>pro forma</i> LGIP.
Address or location of the proposed new Large Generating Facility site (to the extent known)...	#4 (a)	The proposed language simplifies the request for information.
Maximum summer at _____ degrees C and winter at _____ degrees C megawatt electrical output	#4 (b)	The deleted language is not needed.
Type of project (i.e. gas turbine, hydro, wind, etc.) and General description of the equipment configuration.	#4 (c)	The proposed language is needed for more specificity on the type of project.
Proposed In-Service Date, Trial Operation date and Commercial Operation Date by day, month and year and term of service;	#4 (d)	The proposed language is needed for more specificity on the timing of key operational milestones of the project.
(optional)	#4 (f)	The Interconnection Request should include an approximate Point of Interconnection to ensure a useful Scoping Meeting.. This information can be amended at the Scoping meeting.
Evidence of Site Control as specified in the LGIP and name(s), address(es) and contact information of site owner(s)	#6	The proposed language would provide additional contact information for the ISO to help coordinate the interconnection process.
[Insert ISO address]	#7	The proposed language specifies the address to which the Interconnection Request should be sent.
the	#8	Editorial improvement.
the	#9	Editorial improvement.
<u>[Entire new text for technical data in Attachment A]</u>	Attachment A	The inserted text of Attachment A replaces the deleted text to reflect the technical data that is currently provided and most appropriate within Interconnection Requests to the ISO Controlled Grid. The Interconnection Customer is required to provide this technical data on or before the executed Interconnection Feasibility Study Agreement.

Matrix of Changes Interconnection Feasibility Study Agreement

Change	Section(s)	Reason for Change
<u>Insert name of the Participating TO or the "California Independent System Operation Corporation"</u>	Opening paragraph	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>"Participating TO or "ISO"</u>	Opening paragraph and throughout the agreement	Specifies that either the Participating TO or the ISO may be a party to the agreement, depending upon who performs the Interconnection Feasibility Study.
<u>The Interconnection Customer</u>	throughout the agreement	Editorial improvement.
<u>Transmission System ISO Controlled Grid</u> <u>To the Transmission System, and any Affected System</u>	Recitals	Specifies the interconnection is on the ISO Controlled Grid.
<u>Transmission Provider's Commission-ISO's FERC-approved</u>	1.0	Specifies who is the Transmission Provider in this context, and who is the Commission in this context.
<u>...or the Master Definitions Supplement, Appendix A to the ISO Tariff, as applicable.</u>	1.0	Because the study agreements are proposed to be separated from the LGIP and because most of the applicable LGIP definitions are proposed to be moved to the ISO Tariff Master Definitions Supplement, the proposed language is necessary to include terms defined under the ISO Tariff.
<u>ISO</u>	2.0	The proposed language specifies which Tariff should be adhered to.
<u>... on the Participating TO's electric system ...</u>	5.0	The proposed language specifies that thermal overloads or voltage limit violations should be identified anywhere on the Participating TO's system, including its Distribution System.
<u>...expected results in the Interconnection System Impact Study; and ...</u>	5.0	Pursuant to Section 6 of the LGIP, the Interconnection Feasibility Study will include expected results of the Interconnection System Impact Study. This is similar to the requirement for written expected results for the Interconnection Feasibility Study that were produced at the initial Scoping meeting under Section 3.5.4 of the LGIP. Writing down these expectations should better define the differences between results that are expected as opposed to unexpected results, and therefore help determine any need or justification for re-studies. This documentation also should facilitate consensus among the parties and assist the ISO in its coordination responsibilities.
<u>An informational assessment, as needed, of other Participating TOs' portions of the ISO Controlled Grid, and may include: -change in short circuit duty at the boundary buses to other</u>	5.0	This addition implements the proposed addition to LGIP Section 6.2. The scope of this preliminary analysis of the electrical impact of the Large Generating Facility spans the ISO Controlled Grid. To the extent possible and reasonably practicable, the ISO promotes a "one-stop"

Matrix of Changes Interconnection Feasibility Study Agreement

Change	Section(s)	Reason for Change
<p><u>Participating TOs.</u> <u>-thermal overloads and voltage limit violations of a limited set of contingencies as provided by the ISO or the other Participating TO.</u></p>		<p>process for Interconnection Customers to get the necessary studies and agreements performed.</p> <p>This informational assessment, if necessary, will identify potential impacts in areas between the electric systems of neighboring Participating TOs.</p> <p>This assessment may limit the necessity of multiple interconnection studies by more than one Participating TO. However, if significant impacts are identified on other Participating TO's electric system, then separate interconnection studies will be required.</p>
<p><u>[This assessment only provides an indication of potential impacts to another Participating TO. Final determination of impacts of the interconnection of the Large Generating Facility, if any, to such other Participating TO will be determined in a separate Interconnection System Impact Study between that Participating TO and the Interconnection Customer]</u></p> <p><u>[To be included only if it is reasonably practicable in accordance with Section 6.2 of the LGIP.]</u></p>	<p>5.0</p>	<p>This addition implements the proposed addition to LGIP Section 6.2. This informational language is added to clarify that the preliminary assessment will be conducted only if it is reasonably practicable to do so and, if conducted, to highlight its preliminary nature.</p>
<p><u>In addition to the deposit(s) paid by the Interconnection Customer pursuant to Section 3.4.5.1 of the LGIP ...</u></p>	<p>6.0</p>	<p>This clarifies that, pursuant to Section 6.1 of the LGIP, the deposit for the Interconnection Feasibility Study is in addition to the \$10,000 deposit submitted with the Interconnection Request.</p>
<p><u>Following the issuance of the Interconnection Feasibility Study to the Interconnection Customer the _____ ["Participating TO" or "ISO"] shall charge and the Interconnection Customer shall pay the actual costs of the Interconnection Feasibility Study, inclusive of any re-studies and amendments to the Interconnection Feasibility Study, pursuant to Section 9 of this Agreement.</u></p>	<p>6.0</p>	<p>This clarifies that re-studies of or amendment to the Interconnection Feasibility Study should be included in the costs that are charged to and paid by the Interconnection Customer. This also clarifies that charges are paid after the issuance of the Interconnection Feasibility Study.</p>
<p><u>[Entire text of Section 7.0]</u></p>	<p>7.0</p>	<p>This clarifies that the ISO coordinates with Affected Systems.</p>
<p><u>[Entire text of Section 8.0]</u></p>	<p>8.0</p>	<p>This clarifies that cost increases resulting from</p>

Matrix of Changes Interconnection Feasibility Study Agreement

Change	Section(s)	Reason for Change
		changes in technical data or assumptions after the Interconnection Feasibility Study is performed are the responsibility of the Interconnection Customer.
<u>[Entire text of Section 9.0]</u>	9.0	This clarifies the process for initiating a re-study of the Interconnection Feasibility Study.
<u>[Entire text of Section 10.0]</u>	10.0	This clarifies the Interconnection Customer's rights to audit records related to the costs of the Interconnection Feasibility Study. If the ISO conducts the study, it is appropriate that the Interconnection Customer's right to audit the ISO should be in accordance with the ISO Tariff, which promotes consistency.
<u>[Entire text of Section 11.0]</u>	11.0	This reiterates the Interconnection Customer's withdrawal rights and termination of the Agreement, pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 12.0]</u>	12.0	This specifies the effective date of the Agreement and reiterates the withdrawal process pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 13.0]</u>	13.0 (Miscellaneous)	This proposed section provides various provisions as requested by FERC in Section 7 of the pro forma. The confidentiality and dispute resolution provisions are incorporated by reference from the LGIP and the additional terms were carried over from the LGIA.

Matrix of Changes Interconnection System Impact Study Agreement

Change	Section(s)	Reason for Change
<u>Insert name of the Participating TO or the "California Independent System Operation Corporation"</u>	Opening paragraph	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>"Participating TO or "ISO"</u>	Opening paragraph and throughout the agreement	Specifies that either the Participating TO or the ISO may be a party to the agreement, depending upon who performs the Interconnection System Impact Study.
<u>The Interconnection Customer</u>	throughout the agreement	Editorial improvement.
<u>Transmission System ISO Controlled Grid</u> <u>To the Transmission System, and any Affected System</u>	Recitals	Specifies the interconnection is to the ISO Controlled Grid.
<u>Transmission Provider's Commission-ISO's FERC-approved</u>	1.0	Specifies who is the Transmission Provider in this context, and who is the Commission in this context.
<u>...or the Master Definitions Supplement, Appendix A to the ISO Tariff, as applicable.</u>	1.0	Because the study agreements are proposed to be separated from the LGIP and because most of the applicable LGIP definitions are proposed to be moved to the ISO Tariff Master Definitions Supplement, the proposed language is necessary to include terms defined under the ISO Tariff.
<u>ISO</u>	2.0	The proposed language specifies which Tariff should be adhered to.
<u>... on the Participating TO's electric system ...</u>	5.0	The proposed language specifies that thermal overloads or voltage limit violations should be identified anywhere on the Participating TO's system, including its Distribution System.
<u>An informational assessment, as needed, of other Participating TOs' portions of the ISO Controlled Grid, which may include:</u> <u>-change in short circuit duty at the boundary buses to other Participating TOs.</u> <u>-thermal overloads and voltage limit violations of a limited set of contingencies as provided by the ISO or the other Participating TO.</u>	5.0	<p>This addition implements the proposed addition to LGIP Section 7.3. The scope of this analysis of the electrical impact of the Large Generating Facility spans the ISO Controlled Grid. To the extent possible and reasonably practicable, the ISO promotes a "one-stop" process for Interconnection Customers to get the necessary studies and agreements performed.</p> <p>This informational assessment, if necessary, will identify potential impacts in areas between the electric systems of neighboring Participating TOs.</p> <p>This assessment may limit the necessity of multiple interconnection studies by more than one Participating TO. However, if significant impacts are identified on other Participating TO's electric system, then separate interconnection studies will be required.</p>
<u>[This assessment only provides an indication of potential impacts</u>	5.0	This addition implements the proposed addition to LGIP Section 7.3. This informational language is

Matrix of Changes Interconnection System Impact Study Agreement

Change	Section(s)	Reason for Change
<p><u>to another Participating TO. Final determination of impacts of the interconnection of the Large Generating Facility, if any, to such other Participating TO will be determined in a separate Interconnection System Impact Study between that Participating TO and the Interconnection Customer]</u></p> <p><u>[To be included only if it is reasonably practicable in accordance with Section 6.2 of the LGIP.]</u></p>		<p>added to clarify that the preliminary assessment will be conducted only if it is reasonably practicable to do so and, if conducted, to highlight its preliminary nature.</p>
<p><u>...on the Participating TO's portion of the ISO Controlled Grid</u></p>	<p>5.0</p>	<p>The proposed language clarifies that the impact analysis is on the Participating TO's portion of the ISO Controlled Grid.</p>
<p><u>If the Participating TO is an interconnecting TO for the Large Generating Facility, a Deliverability Assessment on the ISO Controlled Grid pursuant to Section 3.3 of the LGIP.</u></p>	<p>5.0</p>	<p>The proposed language clarifies that the Participating TO which is interconnecting the Large Generating Facility will perform the Deliverability Assessment pursuant to Section 3.3 of the LGIP.</p>
<p><u>Following the issuance of the Interconnection System Impact Study to the Interconnection Customer the</u> <u>_____ ["Participating TO" or "ISO"] shall charge and the Interconnection Customer shall pay the actual costs of the Interconnection System Impact Study, inclusive of any re-studies and amendments to the Interconnection Feasibility Study, pursuant to Section 9 of this Agreement.</u></p>	<p>6.0</p>	<p>This clarifies that re-studies of or amendment to the Interconnection System Impact Study should be included in the costs that are charged to and paid by the Interconnection Customer. This also clarifies that charges are paid after the issuance of the Interconnection System Impact Study.</p>
<p><u>[Entire text of Section 7.0]</u></p>	<p>7.0</p>	<p>This clarifies that the ISO coordinates with Affected Systems.</p>
<p><u>[Entire text of Section 8.0]</u></p>	<p>8.0</p>	<p>This clarifies that cost increases resulting from changes in technical data or assumptions after the Interconnection System Impact Study is performed are the responsibility of the Interconnection Customer.</p>
<p><u>[Entire text of Section 9.0]</u></p>	<p>9.0</p>	<p>This clarifies the process for initiating a re-study of the Interconnection System Impact Study.</p>
<p><u>[Entire text of Section 10.0]</u></p>	<p>10.0</p>	<p>This clarifies the Interconnection Customer's rights to audit records related to the costs of the Interconnection System Impact Study. If the ISO conducts the study, it is appropriate that the</p>

Matrix of Changes Interconnection System Impact Study Agreement

Change	Section(s)	Reason for Change
		Interconnection Customer's right to audit the ISO should be in accordance with the ISO Tariff, which promotes consistency.
<u>[Entire text of Section 11.0]</u>	11.0	This reiterates the Interconnection Customer's withdrawal rights and termination of the Agreement, pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 12.0]</u>	12.0	This specifies the effective date of the Agreement and reiterates the withdrawal process pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 13.0]</u>	13.0 Miscellaneous)	This proposed section provides various provisions as requested by FERC in Section 7 of the pro forma. The confidentiality and dispute resolution provisions are incorporated by reference from the LGIP and the additional terms were carried over from the LGIA.

Matrix of Changes Interconnection Facilities Study Agreement

Change	Section(s)	Reason for Change
<u>Insert name of the Participating TO or the "California Independent System Operation Corporation"</u>	Opening paragraph	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>"Participating TO or "ISO"</u>	Opening paragraph and throughout the agreement	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>The Interconnection Customer</u>	throughout the agreement	Editorial improvement.
<u>Transmission System ISO Controlled Grid</u> <u>To the Transmission System, and any Affected System</u>	Recitals	Specifies the interconnection is to the ISO Controlled Grid.
<u>Transmission Provider's Commission-ISO's FERC-approved</u>	1.0	Specifies who is the Transmission Provider in this context, and who is the Commission in this context.
<u>...or the Master Definitions Supplement, Appendix A to the ISO Tariff, as applicable.</u>	1.0	Because the study agreements are proposed to be separated from the LGIP and because most of the applicable LGIP definitions are proposed to be moved to the ISO Tariff Master Definitions Supplement, the proposed language is necessary to include terms defined under the ISO Tariff.
<u>ISO</u>	2.0	The proposed language specifies which Tariff should be adhered to.
<u>The Interconnection Customer shall provide a deposit of the greater of \$100,000 or the Interconnection Customer's portion of the estimated monthly cost for the performance of the Interconnection Facilities Study. For studies where the estimated cost exceed \$100,000, the _____ [Participating TO or ISO] Transmission Provider shall may invoice Interconnection Customer on a monthly basis for the work to be conducted on the Interconnection Facilities Study cost each month.</u>	5.0	The proposed language would provide for a larger deposit in cases where the overall costs for the Interconnection Facilities Study are very large. Whichever party conducts the Interconnection Facilities Study would have the option to bill the Interconnection Customer at the greater rate.
<u>Following the issuance of the Interconnection Facilities Study to the Interconnection Customer the _____ ["Participating TO" or "ISO"] shall charge and the Interconnection Customer shall pay the actual costs of the Interconnection Facilities Study, inclusive of any re-studies and</u>	5.0	This clarifies that re-studies of or amendment to the Interconnection Facilities Study should be included in the costs that are charged to and paid by the Interconnection Customer. This also clarifies that charges are paid after the issuance of the Interconnection Facilities Study.

Matrix of Changes Interconnection Facilities Study Agreement

Change	Section(s)	Reason for Change
amendments to the <u>Interconnection Feasibility Study</u> , pursuant to Section 9 of this Agreement.		
<u>[Entire text of Section 6.0]</u>	6.0	Additional technical information that is reasonably necessary may be requested by the party performing the Interconnection Facilities Study.
<u>[Entire text of Section 7.0]</u>	7.0	This clarifies that the ISO coordinates with Affected Systems.
<u>[Entire text of Section 8.0]</u>	8.0	This clarifies that cost increases resulting from changes in technical data or assumptions after the Interconnection Facilities Study is performed are the responsibility of the Interconnection Customer.
<u>[Entire text of Section 9.0]</u>	9.0	This clarifies the process for initiating a re-study of the Interconnection Facilities Study.
<u>[Entire text of Section 10.0]</u>	10.0	This clarifies the Interconnection Customer's rights to audit records related to the costs of the Interconnection Facilities Study. If the ISO conducts the study, it is appropriate that the Interconnection Customer's right to audit the ISO should be in accordance with the ISO Tariff, which promotes consistency.
<u>[Entire text of Section 11.0]</u>	11.0	This reiterates the Interconnection Customer's withdrawal rights and termination of the Agreement, pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 12.0]</u>	12.0	This specifies the effective date of the Agreement and reiterates the withdrawal process pursuant to Section 3.8 of the LGIP.
<u>[Entire text of Section 13.0]</u>	13.0 Miscellaneous)	This proposed section provides various provisions as requested by FERC in Section 6 of the pro forma. The confidentiality and dispute resolution provisions are incorporated by reference from the LGIP and the additional terms were carried over from the LGIA.
<u>Prior to issuing draft study results for review and incorporate comments</u> within the following number of days after of receipt of an executed copy of this Interconnection Facilities Study Agreement: _____ <u>-ninety one hundred twenty (90/120)</u> Calendar Days with no more than a +/- 20 percent cost estimate contained in the report, or _____ <u>-one two hundred eighty ten (2180)</u> Calendar Days with no more than a +/- 10 percent cost estimate contained in the report.	Attachment A	This implements Section 8.3 of the LGIP, which revises the timeline by which the Participating TO and the ISO will review results and incorporate comments on the draft Interconnection Facilities Study report.

Matrix of Changes Interconnection Facilities Study Agreement

Change	Section(s)	Reason for Change
<u>Provide two copies of this completed form and other required plans and diagrams in accordance with Section 8.1 of the LGIP.</u>	Attachment B	The proposed language provides clarifying direction for conforming with the transmittal of the executed Interconnection Facilities Study Agreement, pursuant to Section 8.1 of the LGIP.
<u>Level of Deliverability: Choose one of the following:</u> <u>Deliverability with no Network Upgrades</u> <u>100% Deliverability</u>	Attachment B	The proposed language would clarify the Interconnection Customer's choice for the desired level of deliverability.

Matrix of Changes Optional Interconnection Study Agreement

Change	Section(s)	Reason for Change
<u>Insert name of the Participating TO or the "California Independent System Operation Corporation"</u>	Opening paragraph	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>"Participating TO or "ISO"</u>	Opening paragraph and throughout the agreement	Specifies that either the Participating TO or the ISO may be a party to the agreement.
<u>The Interconnection Customer</u>	throughout the agreement	Editorial improvement.
<u>Transmission System ISO Controlled Grid</u> <u>To the Transmission System, and any Affected System</u>	Recitals	Specifies the interconnection is on the ISO Controlled Grid.
<u>Transmission Provider's Commission-ISO's FERC-approved</u>	1.0	Specifies who is the Transmission Provider in this context, and who is the Commission in this context.
<u>...or the Master Definitions Supplement, Appendix A to the ISO Tariff, as applicable.</u>	1.0	Because the study agreements are proposed to be separated from the LGIP and because most of the applicable LGIP definitions are proposed to be moved to the ISO Tariff Master Definitions Supplement, the proposed language is necessary to include terms defined under the ISO Tariff.
<u>ISO</u>	2.0	The proposed language specifies which Tariff should be adhered to.
<u>Following the issuance of the Optional Interconnection Study...</u>	6.0	This clarifies the costs of the Optional Interconnection Study will be charged and paid after its issuance.
<u>[Entire text of Section 7.0]</u>	7.0	This clarifies that cost increases resulting from changes in technical data or assumptions after the Optional Interconnection Study is performed are the responsibility of the Interconnection Customer.
<u>[Entire text of Section 8.0]</u>	8.0	This clarifies the Interconnection Customer's rights to audit records related to the costs of the Optional Interconnection Study. If the ISO conducts the study, it is appropriate that the Interconnection Customer's right to audit the ISO should be in accordance with the ISO Tariff, which promotes consistency.
<u>[Entire text of Section 9.0]</u>	9.0	This specifies the effective date of the Agreement and reiterates the withdrawal process pursuant to Section 10.18 of the LGIP.
<u>[Entire text of Section 10.0]</u>	10.0 (Miscellaneous)	This proposed section provides various provisions as requested by FERC in Section 7 of the pro forma. The confidentiality and dispute resolution provisions are incorporated by reference from the LGIP and the additional terms were carried over from the LGIA.