**Project Modification Request Form**

**Queue Number:** #### **Project Name:** Name

**Interconnection Customer Legal Entity Name (as identified in RIMS)\*:** Name

**Interconnection Customer Parent Company\*:** Name

**Interconnection Customer Contact Name (in GIA and/or RIMS)\*:** Name

Yes  No  Does this project have a co-tenancy agreement in place? If the project is owned by multiple entities as part of a Co-tenancy arrangement, please identify:

**‘Manager' entity of the Co-tenant agreement\***: Name

\*An authorized contact for the Project as listed in RIMS or on the Interconnection Customer Delegation of Authority form must submit this request, or be copied on the request. Queue Management will not process the request until it has confirmed that an authorized representative of the Interconnection Customer or co-tenants has approved the submittal of this modification request. If the Project name, legal entity, or contact names do not match RIMS for the DoA from, please coordinate with the ISO project manager.

**Consideration prior to submitting this request:** Please consider the absolute need to submit this Modification request. The volume of active modifications limits the ISO and PTO’s ability to publish timely results. If this request can wait, please consider holding the request and submitting at a later date. Thank you.

The Interconnection Customer has considered delaying this request and confirms it is required at this time.

**Frequently Found Deficiencies:** Please review the list of [frequently found deficiencies](http://www.caiso.com/Documents/guidance-for-interconnection-customers-submitting-technical-data.pdf) and guidance for customers submitting technical data files for modification requests.

**Modification Submission Checklist:**

**Modification Request** -- Select One:  MMA *or*  Post-COD: requires a $10,000 deposit

Types of modifications:

**Milestones Updates (please see required milestone evaluation in section C below)**

**Technology Changes**

**Interconnection Changes**

Please provide a brief description of the requested changes within this request:

Please type brief request description here

Yes  No  Is this modification related to a previous Repower Study?

Yes  No  For Post-COD requests, is the project currently proceeding through the Transmission Planning BPM Generator Model Update review process? If yes, please note that the BPM model validation must be complete prior to the start of this modification request.

**Permissible Technological Advancement (PTA)** Request: requires a $2,500 fee

Please include the transaction/ACH confirmation for the deposit/fee with the request submission, or when it becomes available. The deposit can be submitted to the following CAISO account:

**LGIP/SGIP Deposits**

Wells Fargo Bank, N.A | Account Name: CAISO LGIP

ABA # 121000248 | Account # 4122041825

**Modification Request Document Checklist:**

The following documents are required as applicable to the request; documents can be located on the [caiso.com Generator Interconnection website](http://www.caiso.com/planning/Pages/GeneratorInterconnection/InterconnectionRequest/Default.aspx). Please ensure that they are submitted, along with this form, to the Project’s assigned Queue Management project manager or [QueueManagement@caiso.com](mailto:QueueManagement@caiso.com) in order for your request to be processed. Other documents may be requested as necessary.

This Modification Request Form

The following are required for technical and interconnection modification requests (not required for COD-only)

[Appendix 1 Word Document](http://www.caiso.com/Documents/InterconnectionRequestForm-Appendix1-ModificationsRepowersandConversions.docx)

[Attachment A to Appendix 1 Excel file](http://www.caiso.com/PublishedDocuments/GeneratingFacilityData-AttachmentAtoAppendix1.xlsm) (must be current version 14.4)

Load Flow Model (.epc file)

Dynamic Model (.dyd file)

Plot showing flat run and bump test from PSLF

Plot showing requested MW at POI from PSLF

Single Line Diagram

Site Map (.kmz file)

[Inverter Based Resource (IBR) Interconnection Request Model Validation Procedure](http://www.caiso.com/Documents/ISO-Inverter-Based-Model-Validation-Procedure.zip) / Tool results, including:

  Plant controller voltage OR Q reference step change test results

  Plant controller frequency reference step change test results

  Voltage ride‐through test results

**Please note that this modification request will not be processed until the CAISO receives all necessary documentation *and* the deposit/fee.**

## Project and Request Details

Yes  No  Has the Project already achieved COD?

If yes, this is a Post-COD Modification request, if no, this is a Material Modification Assessment request.

Yes  No  Has the Project executed an Generator Interconnection Agreement (GIA)?

SGIA  LGIA

Yes  No  Is the Project’s LGIA currently suspended or is this request to adjust the Project’s COD to accommodate a suspension request? (Note: SGIA cannot suspend)

Yes  No  Is the Project currently Parked? (Refer to Tariff Appendix DD, Section 8.9.4 for requests while Parked)

Yes  No  Has a Limited Operation Study (LOS) been completed for this project or is one currently underway? (Refer to Tariff Appendix DD, Section 14.2.4 for LOS)

What date did this Project enter the queue (Date original interconnection request was submitted)? **Date**

If an energy storage element was added to the original interconnection request, what date was the storage addition interconnection or modification request submitted? **Date**

## TP Deliverability Status

What is the Project’s current TP Deliverability Status at the time of this modification request? (select one)

FCDS  PCDS  Energy Only

What year(s) did the Project receive a TP Deliverability Allocation? **YEAR (can be multiple)**

By what Group(s) did the Project ***SEEK or RECEIVE*** a TPD allocation? (if applicable) **Group # (can be multiple)**

Yes  No  Is this request to align the Project’s COD with the COD in an executed Power Purchase Agreement (PPA)? If yes, please submit a copy of the executed PPA (confidential/financial information may be redacted)

Yes  No  Did the project ***SEEK*** a TPD allocation in **Group D** for any portion of the project?

The Interconnection Customer confirms understanding that: Regardless of whether the Project receives a TPD allocation or later converts to Energy Only, a project may not request suspension, delay notice to proceed, or extend its COD if it *submitted a Seeking TPD Affidavit under Group D*, except when the Project is requesting to align its COD with the COD in an associated, executed PPA. (Please refer to [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 8.9.2.3)

The Interconnection Customer confirms understanding that: if the project is requesting a technology or interconnection change, such changes cannot result in an extension of the currently approved milestones. If milestones extensions are required as a result of this modification request, the request will be denied.

Yes  No  Is this request to align the Project’s COD with the COD in an executed Power Purchase Agreement (PPA)? If yes, please submit a copy of the executed PPA (confidential/financial information may be redacted)

Yes  No  Did the project ***RECEIVE*** a TPD allocation in **Group 3** for any portion of the Project?

The Interconnection Customer confirms understanding that: If a project *received* an allocation in Group 3 and is requesting a milestone extension, the Project will be converted to Energy Only Deliverability Status, except when the Project is requesting to align its COD with the COD in an associated, executed PPA. (Please refer to [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 8.9.2.2)

The Interconnection Customer confirms understanding that: if the project is requesting a technology or interconnection change and such change results in an extension of the currently approved COD, the project will be converted to Energy Only Deliverability Status.

## Milestone Evaluation and Change Request:

**Evaluation REQUIRED\*\*\* regardless of milestone change request; please complete the following to evaluate the earliest reasonable COD:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event | Duration  (in months) | Resulting Date | Resulting Action | General Guideline: |
| Project’s Current COD |  | Month/Year |  |  |
| Today’s Date |  | Month/Year |  |  |
| Modification: Assume for set-up and validation process | **+1** if COD-only  **+3** for all others | Month/Year | Modification Evaluation Begins | Todays’ date + # months |
| Modification: Assume for Study Process | **+1** if COD-Only  **+2** if all others | Month/Year | Modification Report Published | Validation date + # Months |
| GIA: ISO/PTO Tender GIA or \*Amendment | **Insert #** | Month/Year | GIA Finalized | Modification Process + # months |
| GIA: GIA or \*Amendment negotiations and execution | **Insert #** | Month/Year | Tender GIA + # Months |
| PTO Design & Construction Set-up\*\* | **Insert #** | Month/Year | PTO Construction Start | GIA Execution + X Months |
| Longest Construction Upgrade Duration\*\* (ANU, CANU, or PNU) | **Insert ##** | Month/Year | Projects Earliest ISD | Construction Kick-off complete + ## Months Upgrade timeline |
| ISD to COD Interval | **Insert #** | **Month/Year** | \*\*\*Project’s earliest reasonable COD | Upgrade Timeline + ISD to COD Months |

**\***Amendments to GIAs may allow for reduced timelines or, at times, may be completed in parallel with construction development. Please include appropriate timelines and the ISO and PTO will evaluate accordingly. Please explain in the milestone evaluation comments below a summary of the expected process for amending the GIA.

**\*\*** If construction has commenced, please identify how many months remain for the PTO to complete construction activities so the project may achieve ISD. Please note in the milestone evaluation comments below a summary of construction status.

**Milestone Evaluation comments:**  Insert additional comments here...

\*\*\***If earliest COD above is *after* the Projects Current COD, the Project must request a Milestone extension.**

Yes  No  Is this request to change the milestones or final COD of the Project? If no, skip this section. If yes, complete the following as applicable:

Yes  No  Is this Project requesting to be a *Phased Generating Facility* as defined in the ISO tariff and as outlined in the Interconnection Agreement (Appendix EE of FF)?

**Please Note:** If the Project is planning to create multiple blocks (or multiple resource IDs) and not be a *Phased Generating Facility*, the Project may proceed with block implementation through the New Resource Implementation process. No modification request is necessary for block implementation except when the final COD is changing.

Yes  No  Is this request to align the Project’s COD to the COD in an executed Power Purchase Agreement (PPA)? If yes, please submit a copy of the executed PPA (confidential/financial information may be redacted)

Yes  No  Was this Project studied as an Independent Study Process (ISP) Interconnection Request? Note that, per Appendix DD, Section 4.7, extensions of the COD for Interconnection Requests under the ISP will not be granted except for circumstances beyond the control of the Interconnection Customer.

If yes, Please provide a detailed description and demonstrate how and why the current COD is no longer achievable and how and why the new milestones are achievable such that no further milestone extension requests will be necessary:

**Enter text here**

**Site Control**:  Deposit in Lieu-of **OR**  Site Exclusivity/Control.

If project is requesting COD extension, please complete and provide the [*Site Exclusivity/Control Demonstration Form*](http://www.caiso.com/Documents/Siteexclusivity-controldemonstrationform.docx) and any supporting documentation demonstrating Site Exclusivity/Control for 100% of land rights necessary to develop the Project and confirmation that the term of such agreement extends through the COD of this Project. (refer to [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 3.5.1)

Yes  No  Does the term of the agreement extend through the projects requested/approved COD?

## Time-in-Queue Evaluation - for projects seeking a COD extension beyond 7 years from original interconnection request submission.

Yes  No  Would this request push the Project’s COD beyond 7 years in Queue, or, is the Project’s COD already beyond 7 years in Queue?

* 1. Commercial Viability Criteria to retain TP Deliverability

*Applicable to current queued projects that have a TPD status of FCDS or PCDS. This is not applicable to Energy Only projects.*

If yes request is to push the Project’s COD beyond 7 years in Queue, the following Commercial Viability Criteria (CVC) demonstration and documentation is required to retain the project’s TP Deliverability Status: (Please refer to [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 6.7.4 and [BPM for Generator Management](https://bpmcm.caiso.com/Pages/BPMLibrary.aspx), Section 6.1.5.1)

Executed Generator Interconnection Agreement (GIA), of which is in good standing

Documentation demonstrating Site Exclusivity for 100% of land rights necessary to develop the Project and that the term of such SE document extends through the COD of this Project. (refer to [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 3.5.1)

Yes  No  Does the term of the agreement extend through the projects requested/approved COD

Documentation demonstrating that all required permits have been applied for

And, Select one of the following:

An executed Power Purchase Agreement (Note that the COD of this request, and ultimately the approved achievable COD, must align with the COD in the PPA)

COD as defined in the PPA: **Enter text here**

Term of PPA: **Enter text here**

Limited one-year exception (PPA demonstration may be waived for one year exception as described in [Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 6.7.4 and the [BPM for Generator Management](https://bpmcm.caiso.com/Pages/BPMLibrary.aspx), Section 6.1.4.2)

* 1. Project viability, time-in-queue, engineering, construction, and permitting status, and reason for COD extension: *This section is applicable to ALL projects requesting a COD that is beyond 7 years from original interconnection request submission. Please refer to the BPM for Generator Management, Section 6.5.2.1*

**Engineering and Construction Activity Status:** Please provide a detailed explanation and supporting documentation of the Project’s engineering and construction status, why the construction has not commenced, and/or reason for delays?

**Enter text here**

**Permitting Status**: Please provide a details explanation and supporting documentation of *all permits* that have been applied for and approved as well as what remains to be applied for (County CUP, CEQA, Environmental, Building, Fire, etc.):

**Enter text here**

**How is new milestone achievable?** Please provide a detailed description and demonstrate how the requested COD within this request is achievable in light of any engineering, permitting, and or construction impediments and such that no further milestone extension requests will be necessary:

**Enter text here**

**For Non-Phased Generating Facility milestone requests:**

|  |  |  |
| --- | --- | --- |
|  | **Current Milestone** | **Requested Milestone** |
| **In-Service Date (ISD)\*** | Date | Date |
| **Initial Synchronization Date (Sync)\*** | Date | Date |
| **Commercial Operation Date (COD)\*** | Date | Date |
| **Other notes:** | Notes | Notes |

\*Please note that ISD, Sync, and COD date may not be the same. Typically at least ~10-14 days apart.

**For Phased Generating Facility requests:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Phase:** | **Current**  **ISD/Sync/**  **COD Dates** | **Proposed**  **ISD/Sync/**  **COD Dates** | **Capacity of Phase (MW) at POI** | **Capacity of Phase (MW)/Technology**  (MW##/Technology) | | | |
| **Example:** | 12/22/2022  1/22/2023  2/22/2023 | 12/22/2023  1/22/2024  2/22/2024 | 100 | 50 PV | 50 BESS | n/a | n/a |
| **Phase 1** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 2** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 3** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 4** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 5** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 6** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 7** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 8** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 9** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |
| **Phase 10** | Insert ISD/Sync/COD | Insert ISD/Sync/COD | MW## | Tech and MW | Tech and MW | Tech and MW | Tech and MW |

**Additional Milestone Request comments:**  Insert additional comments here...

## Technology Changes:

* Yes  No  Is this request to change any technology-related items for the Project?
* Yes  No  Is this request proposing to share a gen-tie with another queued project or existing generator? If yes, this request will not be processed until all other affected generating facilities/projects have submitted a modification (MMA or Post-COD) request to update their gen-tie configuration.
* Yes  No  Is this request to add Battery Storage to the Project? Please note that the Battery Storage system will be added as an Energy Only Deliverability resource and the project’s deliverability status may become Partial Capacity Deliverability Status (PCDS). The results of the project’s TPD status change, if any, will be reflected in the modification results.
* Yes  No  Is this request to change the fuel-type of the original interconnection request, including the conversion to 100% energy storage? This does not include the *addition* of energy storage.

Please note: According to [Tariff Appendix DD](http://www.caiso.com/rules/Pages/Regulatory/Default.aspx), Section 6.7.2.5 and [BPM for Generator Management](https://bpmcm.caiso.com/Pages/BPMLibrary.aspx), Section 6.5.3, Interconnection Customer may not modify its fuel type, including through the addition or replacement of Generating Units, by more than the greater of five percent (5%) of its capacity or 10 MW (but by no more than twenty-five percent (25%) of its capacity) where a) the project has exceeded seven (7) years from the date the CAISO received its Interconnection Request, b) the current Commercial Operation Date exceeds seven (7) years from the date the CAISO received its Interconnection Request, or c) the change in fuel type will require the Interconnection Customer’s Commercial Operation Date to exceed seven (7) years from the date the CAISO received its Interconnection Request. In the event the requested COD is within the 7-year limit but the ISO or PTO determine that such fuel-type change would result in a COD that exceeds seven (7) years from the date the CAISO received its Interconnection Request, the fuel-type request would be denied.

If no to all above, skip this section.  If yes, fill out the following tables as applicable:

**Generating Facility Data:** Specific technical details are identified in the Appendix 1 and Attachment A to Appendix 1. If no change, please include the ‘current configurations’ for confirmation and include “No Change” in the request column.

|  |  |  |
| --- | --- | --- |
|  | **Current Configuration** | **Requested Configuration** |
| Technology Type: | Type Here | Type Here |
| Gross Capacity (MVA): | Type Here | Type Here |
| Gross Output (MW): | Type Here | Type Here |
| Auxiliary Load (MW): | Type Here | Type Here |
| Anticipated Losses (MW): | Type Here | Type Here |
| Interconnection Service Capacity (MW)  (Net Output at POI) | Type Here | Type Here |

**Technology Changes:**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Current Configuration** | **Requested Configuration** |
| **Inverters\*\*** | Technology Type:  Quantity:  Manufacturer:  Model:  MW rating: | Type Here | Type Here |
| **Pad-mount Transformers** | Quantity:  Rating:  Impedance:  MVA Base: | Type Here | Type Here |
| **Main Transformers** | Quantity, connection type Rating  Impedance:  MVA Base: | Type Here | Type Here |
| **Storage Changes, additions, or conversions** | Charging Source.  Hour Duration  Energy (MWh) Output  Primary Frequency Response – minimum and maximum state of charge | Charging Source. Hour Duration Energy (MWh) Output Primary Frequency Response – minimum and maximum state of charge | Charging Source. Hour Duration Energy (MWh) Output Primary Frequency Response – minimum and maximum state of charge |
| **Generator Limiting Scheme** | Description of limiting scheme | Type Here | Type Here |
| **Change from Hybrid or**  **Co-located?** | Is project changing from one configuration to another? | Type Here | Type Here |
| **Other** | Detailed description | Type Here | Type Here |

\*\* Some inverters do not currently meet the updated LGIA Appendix H or SGIA Attachment 7 requirements.  As the inverter requirements are applicable to all new inverters, it is the interconnection customer’s responsibility to confirm with the inverter manufacturer that the requested inverters meet the applicable requirements.

**Additional Technology Request comments:**  Insert additional comments here...

## Interconnection Changes:

* Yes  No  Is this request to change any interconnection-related items for the Project?
* Yes  No  Is this request to downsize the project?

If no, please skip this section.  If yes, fill out the following table as applicable:

\* For items that are not changing, please insert “N/A”.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Current Configuration** | **Requested Configuration** |
| **POI Change & Reason for change** |  | Type Here | Type Here |
| **Generation Tie-line** | Length, voltage, and rating + Description | Type Here | Type Here |
| **Site Location** |  | Type Here | Type Here |
| **Point of Change of Ownership** |  | Type Here | Type Here |
| **Combining Projects** | List Q#’s and Project names | Type Here | Type Here |
| **Transferring Deliverability\*** | Current/ Requested Deliverability Distribution | Type Here | Type Here |
| **Downsizing** | Reducing the capacity of the Project | Type Here | Type Here |
| **Storage Charging** | Is Project changing to on-site or grid charging? | Type Here | Type Here |
| **Other** |  | Type Here | Type Here |

\*Also complete and submit the [TPD Transfer form](http://www.caiso.com/Documents/DeliverabilityTransferRequestForm.docx) located on caiso.com

**Additional Interconnection Request comments:**  Insert additional comments here...

## Interconnection Customer Acknowledgement

By checking this box, typing name below, and submitting this request, the Interconnection Customer understands and agrees that the Interconnection Customer and its representative defined within hereby request and authorize this modification request. This interconnection request is considered modified and effective after the validation of the interconnection request and data package and upon approval of the modification by the CAISO and Participating TO.  The Interconnection Customer will not have another opportunity to accept or reject the modification results.  The modification report will be considered effective at the time the CAISO issues the response, and the parties will duly execute a GIA or an amendment to the appendices of the GIA to implement the terms of the report as soon as practical.  Any further modifications or adjustments to the Project will require a new modification request, deposit, and process.

Submitted by: Insert Name

Title: Insert Title

Date: Insert Date