Material Modifications

(As applicable to the New York State Standardized Interconnection Requirements.)

**Definition:**

“Material Modification” means a modification to machine data or equipment configuration or to the interconnection site of the Generating Facility that has a material impact on the cost, timing or design of any Interconnection Facilities or Upgrades.

**Application of “Material Modification”:**

Material Modifications include project revisions proposed at any time after receiving notification by the Utility of a complete Interconnection

Request that 1) alters the size or output characteristics of the Generating Facility from its Utility-approved Interconnection Request submission; or 2) may adversely impact other Interdependent Interconnection Requests with higher Queue Numbers and potentially result in increased study and interconnection costs as well as payment for any utility stranded costs for equipment and labor for facilities that may no longer be required.

The utility reserves the right to make the final determination as to whether a proposed change is a Material Modification.

Material Modification can be “significant” or “moderate.” Significant means the applicant starts all over from beginning or requires a new application if the project has already received its PTO. Moderate means the applicant does not have to reapply, and the Utility will “endeavor to complete the Study earlier than that allotted time” or if the project has already received its PTO that the utility needs to be informed of the changes so they can be reviewed by the utility.

**Examples:**

**For projects which have not yet received their PTO**

**Significant Material Modifications, include, but are not limited to:**

* A change in Point of Interconnection (POI) to a new location on a different circuit or moved to a different line segment (i.e. 3 phase to 1 phase segment, or change in zone of protection) and may affect other projects in queue.
* A change from certified (NRTL, e.g. UL listed) to non-certified devices
* An increase in the nameplate AC output of the DG or ESS facility of more than 2% or causing adverse impact to subsequent applications ability to interconnect.
* Addition of DG at the facility not disclosed in the application.
* *Addition of ESS if it will not increase the overall AC output of the system and the battery will be charged from PV.*
* *Change in operating characteristics or schedules, such as operating mode and smart inverter settings.*

**Moderate Material Modifications, include, but are not limited to:**

* A change or replacement of generating equipment such as generator(s), inverter(s), transformers, relaying, controls, etc. that is not a like-kind substitution in size, ratings, impedances, efficiencies or capabilities of the equipment specified in the original or preceding Interconnection Request as long as AC rating does not increase.
* A change of transformer connection(s) or grounding from that originally proposed if the CESIR has not started.
* A change reducing the AC output of the generating facility by more than 10%.
* A change in Point of Interconnection (POI) to a new location on the same circuit *within half a mile* without impacts to other projects in queue.

**For projects that have already received their PTO**

**Significant Material modifications, include, but are not limited to:**

* A change from certified (NRTL, e.g. UL listed) to non-certified devices
* Any increase in the nameplate AC output of the DG or ESS facility
* Any decrease by more than 10% in the nameplate AC output of the DG or ESS facility
* Addition of DG including ESS at the facility not disclosed in the Interconnection Agreement
* A change in transformer connection(s) or grounding from that originally approved
* Change in operating characteristics or schedules, such as operating mode and smart inverter settings
* Any change in the Point of Interconnection (POI)

**Moderate Material Modifications, include, but are not limited to:**

* A change or replacement of generating equipment such as generator(s), inverter(s), transformers, relaying, controls, etc. that is not a like-kind substitution in size, ratings, impedances, efficiencies or capabilities of the equipment specified in the approved Interconnection Agreement as long as AC rating does not change.
* Any decrease by less than 10% in the nameplate AC output of the DG or ESS facility

**The following are not typically considered Material Modifications for either projects which have already or have not yet received their PTO:**

* A change in ownership of a generating facility
* A one-for-one change or replacement of generating equipment of same nameplate and characteristics such as generator(s), inverter(s), solar panel(s), transformers, relaying, controls, axis-tracking or fixed-tilt hardware, etc. that do not necessitate a change in transformer configuration on the primary side. Like kind substitutions shall be reviewed and approved by the utility’s project engineer prior to acceptance of the change. Also relay and control settings may need to be reviewed in detail and require testing. Although a whole new application may not be required, however new settings review and testing will be required at the Interconnection Customer’s expense.
* Any necessary change not associated with the project modification or a suggested change requested by the utility