



GUIDELINE FOR ENGINEERING RE-REVIEW

Customer-Sited Solar Interconnection Applications

This document defines when a solar application is required to be re-submitted for engineering review when the proposed system undergoes a design change after the application has been approved by Xcel Energy engineers.

Conditions for a re-review are the following:

- Any change made to the electrical design of the system (change to one line)
- Any increase in system capacity whether it be DC or AC

Applications that require a re-review will be assessed a second study fee if the application has previously been approved by engineering.

If an application requires a re-review, please leave a note in the application stating: **“Changes made to system design, please revert application to Solar Installation Details stage.”**

Conditions where a re-review is not required:

In general, module exchanges that have no effect on or decrease the DC system size are not required to be re-reviewed. The same is true for decreases in the number of panels. However, updated system details and engineering documentation reflecting the change is still required.

List of common design changes:

DESCRIPTION OF CHANGE	RE-REVIEW REQUIRED?	NOTES
Module increase - no change to one-line	Yes	Re-review required for distribution check.
Interconnection method change (Change to line side tap)	Yes	Re-review required for metering compliance.
Interconnection method change (line side tap to breaker back feed)	Yes	This will change the design to a breaker back feed. Re-review required of revised one-line.
Layout change- changes in the equipment layout associated with the approved one-line	Yes	Changes to the production meter and the disconnect location. Re-review required for revised equipment location.

New subpanel	Yes	If this is only a change of an existing sub-panel, then no re-review is required unless altering the layout in the process. If this is an additional sub-panel that was not included in the original design, then a re-review is required.
Module model change - system size remain or decrease	No	Updated system details and engineering documentation reflecting the change required.
Main Panel Upgrade after approval	No	Would require a service upgrade application through BCL if main panel changes require an upgrade to the meter socket or our service to the customer, no re-review required.
Module decrease - no change to one-line	No	Updated system details and engineering documentation reflecting the change required.
Changed from supply side tap to meter lug adapter	No	If the existing meter housing is horn by-pass that adding a lug would alter the metering then meter housing upgraded to lever by-pass required.
Conduit schedule wire change and main panel rating change	No	No re-review required.
Layout change - change in panel orientation	No	Updated system details and engineering documentation reflecting the change required.