Cluster 16 Restricted POI Information

PG&E

2. Fault Duty Limitations

Certain substation buses have reached the ultimate fault duty limitation of 63 kA and no longer have physical space for bus reactors to correct the fault duty. Projects with POIs that are within sufficient electrical distance to the substations in Table G2 to contribute more than 100 Amps of fault current may require significant mitigations in order to be considered feasible.

Note: The 500kV system is operated at nominal 525kV voltage level.

Table G2

List of Substations that With Significant Fault Duty Constraints

Metcalf 115kV	Newark 230kV
Metcalf 230kV	Pittsburgh 115kV
Metcalf 500kV	Pittsburgh 230kV
Midway 115kV	Tesla115kV*
Midway 230kV	Tesla230kV*
Midway 500kV	Tesla 500kV*
Newark 115kV	Los Esteros 115kV

* - Mitigation Plan is in Flight. However, fault duty margins are unknown.

3. Proximity Limitations

Certain situations, based on case-by-case, may require PG&E to stipulate a switching station location based on asset utilization of near-by switching stations, long-term maintenance and operating costs, overlapping cluster requests and good engineering judgement. When an Interconnection Customer proposes to interconnect to a line, PG&E will determine whether a new switching station is required and will select its location based on existing substations or switching stations and their relative proximity.

4. Space Limitations

Certain substation locations have been fully built out and no longer have the physical space in the surrounding area to accommodate substation

expansions. The substation locations shown in table G2-A1 can no longer accommodate new POI requests. To clarify, POIs in table G2-A1 can only be requested if the generation site has an existing POI at that location and thus will not require any substation expansion. The substation locations shown in table G2-A2 can entertain new POI requests with complex upgrades and increased timelines (See table note).

Table G2-A1

List of Substation Buses that Cannot Accept New POIs based on Space/Land Restrictions

Cottle 230kV	Moss Landing 500kV
Diablo Canyon 500kV	Santa Teresa 115kV
Diablo Canyon 230kV	Schulte 115kV
Ignacio 60kV	Weber 60kV
Ignacio 115kV	Delevan 230kV
Los Esteros 115kV	Milpitas 115kV
Martin 115kV	Wheeler Ridge 115kV

Note: The list in Table G2-A1 includes only previously studied POIs from generation interconnection studies and publicly available CAISO Cluster 15 queue dated April 2021.

Table G2-A2

List of Substation Buses that Can Entertain New POIs with Complex Upgrades

Ignacio 230kV	Tranquillity 230kV
Lakeville 60kV	Weber 230kV
Lakeville 115kV	Wheeler Ridge 70kV
Lammers 115kV	Metcalf 115kV
Los Esteros 230kV	Metcalf 230kV
Oakland C 115kV	Metcalf 500kV
Pittsburgh PP115kV	Midway 115kV
Pittsburgh PP 230kV	Newark 115 kV

Note:- The above table is added on Q1/2026. This list includes only previously studied POIs from generation interconnection studies and require complex upgrades for interconnection. Complex upgrades may include, but are not limited to: Rebuild/conversion of existing bus, GIS (Gas Insulated Substation) addition, relocation of existing equipment to enable expansion, acquisition of property known to be difficult, etc.

SCE

Preliminary list of QC16 restricted POIs:

- Vincent 500 kV
- Mesa 500 kV
- Lugo 500 kV
- Windhub 220 kV
- Laguna Bell 220kV

Additional substations may be added but are pending further internal discussions.