

DG up to 5MW System Diagram Checklist

This checklist will be used to conduct system diagram review prior to Con Edison giving approval to build.

These checklist items are intended to cover the baseline requirements for the majority of cases; however, unique configurations or operating uses may have additional requirements.

Component	Details	Check box
Three Line Drawing	Does drawing show three (3) lines for each phase, OR one (1) line with clear indications that all three phases are identical?	
P.E. Stamp	If connecting to system voltage > 1,000 V, OR If qualifying as efficient CHP as per Form G, are drawings sealed by a NYS active P.E.?*	
Equipment Locations	Are locations (e.g., basement, roof, electrical room) clearly noted for disconnect switch ("89L"), meter, and all inverters?	
Title Block	Does the title block include: Customer name and address?	
	Account and Meter Number?	
	Revision number and date of last revision?	
DG System Drawing Details	Is the DG Type (e.g., PV, Battery, Fuel Cell, etc.) clearly labelled on drawing?	
	Is the A.C. nameplate kW clearly labelled?	
	Is the 89L (for each generator disconnect switch) clearly labelled?	
	Is the make and model of the inverter clearly labelled and does it match submitted technical specifications?	
	Is all CHP isolation/protection equipment clearly labeled (e.g. reverse power relays)?	
Service Characteristics Drawing Details	Is the Con Edison existing service type and configuration clearly labelled? (e.g. 120/208V, 120/240V, 265/460V)	
	Is the grounding connection clearly labeled?	
	If there is existing DG on site, is the connection to existing system and size labeled and clearly shown on diagram?	

*Note that projects that connect to the Con Edison system < 1,000V do not require a P.E. Stamp. (page 12 of SIR)