



# Guidelines for NEM and Storage Paired System

## Directly Connected

(storage device not exclusively charged by NEM generator)

### Small NEM Paired Storage

**Solar NEM** (PV CEC-AC  $\leq$  30kW)  
Paired with Storage Devices Sized **10 KW or Smaller** (based on storage inverter nameplate)

- Option to either install metering (defined under “Large NEM Paired Storage”) or use the estimation methodology
- These projects are referred to as “SNEM-Paired Storage”

### Large NEM Paired Storage

All other NEM Paired except Small NEM-Paired Storage have the requirements that the storage be sized **no larger than 150% of the NEM-eligible generator’s max output capacity** and **that it has one of the following metering conditions**:

- installed a non-export relay on the storage device(s);
- installed an interval meter for the NEM-eligible generation, meter the load, and meter total energy flows at the point of common coupling; OR
- installed a Net Generation Output Meter (NGOM) directly to the NEM-eligible generator(s)

## NEMMT

NEM paired with Storage Devices sized **larger than 150% of the NEM-eligible generator’s max output capacity.**

### NEM Paired Storage Interconnection Cost Responsibility

The storage will have the same interconnection cost responsibility as the NEM generator that it is paired with. In the event the storage is added at a later date after the permission to operate of the NEM generator it is subsequently paired with, the storage applicant will be required to pay the same interconnection fees and costs that the NEM generator would be required to pay, as provided for in [Electric Rule 21](#) (Table E-1).

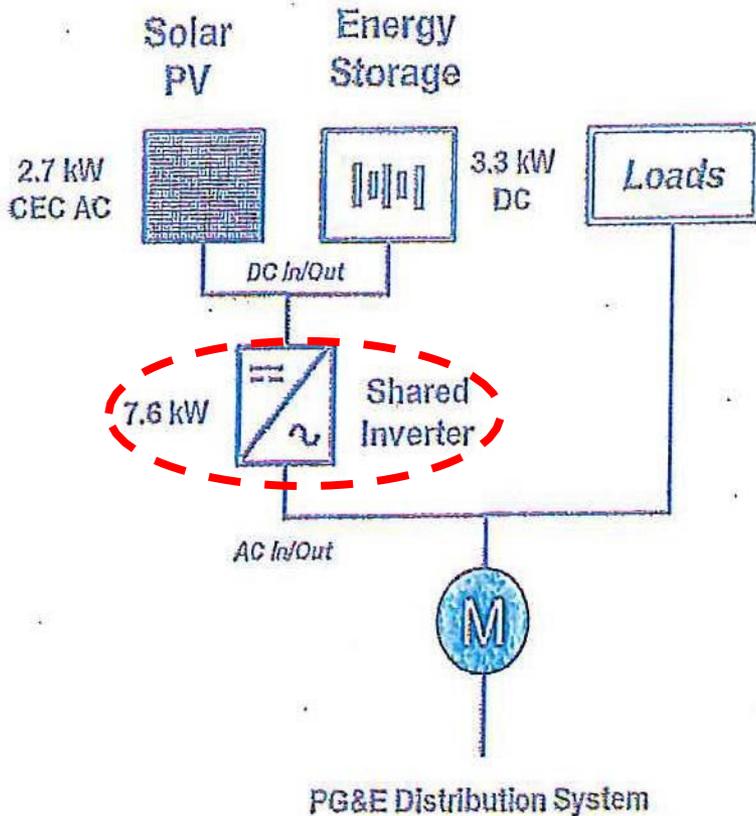
**Example:** Adding 10kW of storage to an existing solar-only NEM 2 system would qualify as “Small NEM Paired Storage” and would therefore have an application fee of only \$145 as opposed to \$800 that would be required for all Non-Net Energy Metering Generating Facility Types.

**Rule 21  
interconnection  
cost  
responsibility**

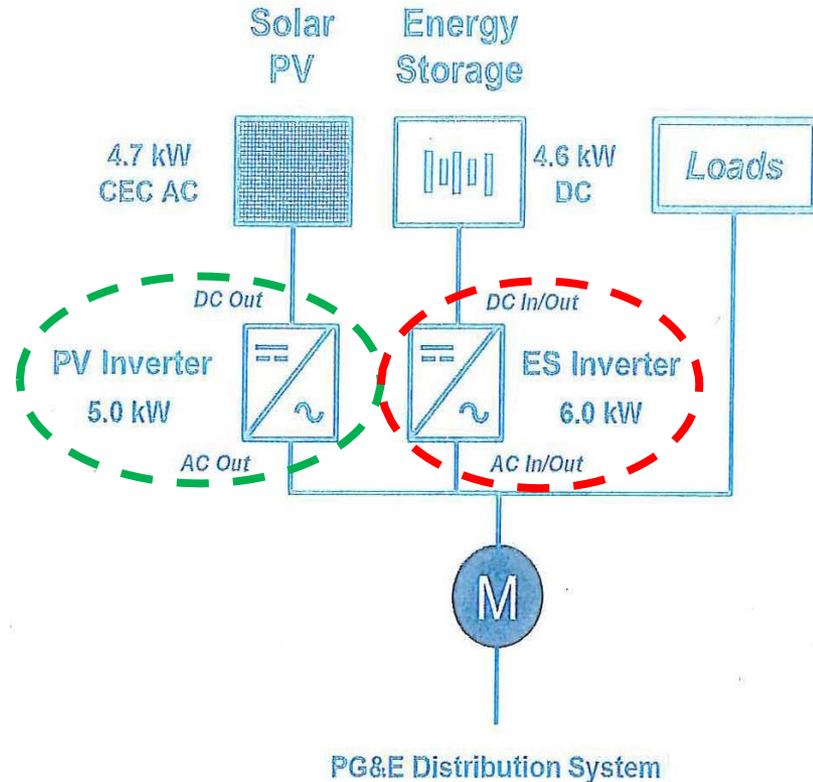
#### Notes

1. Please see Special Condition 10 ([NEM 1 Tariff](#)) and Special Condition 11 ([NEM 2 Tariff](#)) for clarification on what qualifies as “NEM Paired Storage”
2. Applying as NEM Paired Storage includes both adding storage to an existing NEM system (retrofit) **and** a first-time interconnection with both NEM and storage

# NEM and Storage Paired System Configurations



**Shared Inverter (DC-Coupled)**



**Separate Inverters (AC-Coupled)**

**Important Note:** To be eligible for NEM-Paired Storage with *shared* inverters (as shown above), the maximum gross inverter nameplate for *shared* inverters is 10 kW behind the same point of common coupling (PG&E meter). If the gross inverter nameplate for *shared* inverters behind the same PG&E meter exceeds 10kW, then it must install a non-export relay on the storage device or it must interconnect under another Rule 21 interconnection agreement. Current work is underway to provide another interconnection path for large DC-coupled NEM Paired Storage systems.