



AVAILABLE TRANSMISSION CAPACITY AND LOCATION FROM 2024 – 2026

The data provides a reference on the available capacity of substations/ associated transmission lines in accommodating new power plants for the immediate period of 2024-2026:

Connection Point / Facility	Capacity, in MW			Remark
	2024	2025	2026	
LUZON GRID	2,420	2,380	3,100	<p>The RE connection at the substation will require Power Circuit Breaker/s (PCB) and associated equipment.</p> <p>The indicated tap connection to 69 kV line will help address load growth by providing generation solution to heavily loaded lines.</p> <p>Protection system will need upgrade due to possible two-way power flow.</p> <p>The indicated available capacity is on top of the</p>
Bolo 230 kV S/S	480			
Nagsaag 230 kV S/S	220			
Tap to San Manuel-Calasiao 69 kV Line	40			
Tap to San Manuel-Umingan-Bayambang 69 kV Line	40			
Tap to Labrador-Bugallon 69 kV Line	40			
Tap to Labrador-Bani 69 kV Line	40			
Tap to Mexico-Calumpit 69 kV Line	40			
San Jose 230 kV S/S	400			
Lumban 230 kV S/S	300			
Tap to Batangas-Rosario 69 kV Line	40			
Tap to Bay-Calamba 69 kV Line	40			
Pagbilao 230 kV S/S	100			
Labo 69 kV S/S	100			
Tap to Tiwi C-Malinao 69 kV Line	40			
Tap to Daraga-Irosin 69 kV Line	40			
Tap to Daraga-Ligao 69 kV Line	40			
Tap to Naga-Iriga 69 kV Line	40			
Tap to Naga-Lagonoy 69 kV Line	40			
Tap to Naga-Libmanan 69 kV Line	40			
Balsik 230 kV S/S	300	600		
Tap to Bauang-San Fabian 69 kV Line		40		

Connection Point / Facility	Capacity, in MW			Remark
	2024	2025	2026	
Tap to La Trinidad-Sagada 69 kV Line		40		aggregate capacity of committed power plants located within the identified sites near the connection point.
Balingueo 230 kV S/S		150		
Bayombong 230 kV S/S		150		
San Rafael 69 kV S/S		200		
Tap to Mexico-Apalit 69 kV Line		40		
Tap to Cabanatuan-San Luis 69 kV Line		40		
Tap to Batangas-Mabini-Cuenca 69 kV Line		40		
Tap to Gumaca-Pitogo-Mulanay 69 kV Line		40		
Labo 230 kV S/S		100		
Tap to Daraga-Sto. Domingo 69 kV Line		40		
Castillejos 230 kV S/S		600	600	
Tuy 230 kV S/S		300	800	
Lal-lo 230 kV S/S			100	
Porac 230 kV S/S			300	
Antipolo 230 kV S/S			400	
Taguig 230 kV S/S			400	
Naga 230 kV S/S			300	
Abuyog 230 kV S/S			200	
VISAYAS GRID	920	1,000	1,000	
Dumanjug 230 kV S/S	300			
Toledo 138 kV S/S	100			
Naga 138 kV S/S	150			
Samboan 138 kV S/S	100			
Daanbantayan 69 kV S/S	150			
Tap to Amlan-Siaton 69 kV Line	40			
Tap to Corella-Tagbilaran 69 kV Line	40			
Tap to Sta. Barbara-Tigbauan 69 kV Line	40			
Magdugo 230 kV S/S		500		
Calatrava 230 kV S/S		150		
Cadiz 230 kV S/S		150		
Corella 230 kV S/S		200	400	
Umapad 230 kV S/S			600	
MINDANAO GRID	580	950	900	
Maramag 230 kV S/S	300			
Tap to Aurora-Calamba 69 kV Line	40			
Tap to Aurora-San Miguel 69 kV Line	40			
Tap to Placer-Claver 69 kV Line	40			
Tap to Placer-Luna 69 kV Line	40			
Tap to Nabunturan-Asuncion 69 kV Line	40			

Connection Point / Facility	Capacity, in MW			Remark
	2024	2025	2026	
Tap to Nabunturan-Compostela 69 kV Line	40			
Tap to Tacurong-Salbu 69 kV Line	40			
Culaman 230 kV S/S		500		
Toril 230 kV S/S		300		
Lala 230 kV S/S		150		
Bunawan 230 kV S/S			300	
Villanueva 230 kV S/S			300	
Balo-i 230 kV S/S			300	
TOTAL PHILIPPINES	3,920	4,330	5,000	

Note: The above data is provided by the NGCP.