



DEPARTMENT OF ENERGY
LIST OF EXISTING BIOMASS POWER PLANTS (SELF-GENERATING FACILITIES OR OWN-USE) AS OF 28 FEBRUARY 2025

LUZON GRID

POWER PLANT			TYPE OF CONNECTION	CAPACITY, MW		LOCATION		REGION	OPERATOR	OWNER / IPPA	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	RESOURCE TYPE	TECHNOLOGY TYPE		INSTALLED	DEPENDABLE	MUNICIPALITY/ PROVINCE	PROVINCE				
BIOMASS				39.6	0						
5-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	5.0	No available information	Piat, Cagayan	Cagayan	II	Universal Robina Corporation (CARSUMCO)	Universal Robina Corporation (CARSUMCO)	Sep-15
2.4-MW Biomass Power Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	2.4	No available information	San Leonardo, Nueva Ecija	Nueva Ecija	III	Bayanihan Feed Products	Bayanihan Feed Products	Jul-12
9.5-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	9.5	No available information	Tarlac City, Tarlac	Tarlac	III	Central Azucarera de Tarlac	Central Azucarera de Tarlac	Feb-10
100-kW Waste-to-Energy Plant	WTE	Waste-to-Energy Plant	Embedded	0.1	No available information	Trece Martinez City, Cavite	Cavite	IV-A	Waste and Resources Management Inc.	Waste and Resources Management Inc.	
9.2-MW Biogas and 5-MW Biomass Power Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	9.2	No available information	Balayán, Batangas	Batangas	IV-A	Emperador Distillers, Inc.-Balayan	Emperador Distillers, Inc.-Balayan	Feb-17
12.587-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	12.6	No available information	Batangas	Batangas	IV-A	Universal Robina Corporation - Balayan	Universal Robina Corporation - Balayan	
45-MW (thermal) Biomass Gasifier and 850-kW Power Generation Plant.	Biomass	Biomass Gasifier Power Plant	Embedded	0.9	No available information.	Sto. Tomas, Batangas	Batangas	IV-A	Mariwasa Siam Ceramics, Inc.	Mariwasa Siam Ceramics, Inc.	Sep-09

VISAYAS GRID

POWER PLANT			TYPE OF CONNECTION	CAPACITY, MW		LOCATION		REGION	OPERATOR	OWNER / IPPA	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	RESOURCE TYPE	TECHNOLOGY TYPE		INSTALLED	DEPENDABLE	MUNICIPALITY/ PROVINCE	PROVINCE				
				115.8	0						
39-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	39.0	No available information	La Carlota City, Negros Occidental	Negros Occidental	VI	URC - La Carlota Sugarmill (formerly Central Azucarera dela Carlota)	URC - La Carlota Sugarmill (formerly Central Azucarera dela Carlota)	Feb-10
4.2-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	4.2	No available information	Sagay City, Negros Occidental	Negros Occidental	VI	Sagay Central, Inc.	Sagay Central, Inc.	Feb-10
31-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	31.0	No available information	Negros Occidental	Negros Occidental	VI	Lopez Sugar Corporation	Lopez Sugar Corporation	
7.5-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	7.5	No available information	San Enrique, Iloilo	Iloilo	VI	Universal Robina Corporation (Passi)	Universal Robina Corporation (Passi)	
5.8-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	5.8	No available information	Pres. Roxas, Capiz	Capiz	VI	Capiz Sugar Central, Inc.	Capiz Sugar Central, Inc.	
9.4-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	9.4	No available information	Manjuyod, Negros Oriental	Negros Occidental	VII	Universal Robina Corporation - URSUMCO	Universal Robina Corporation - URSUMCO	
6.75 Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	6.8	No available information	Sta. Catalina, Negros Oriental	Negros Occidental	VII	HDJ Bayawan Agri-Ventures Corporation - Tolong (formerly URC Ilonga)	HDJ Bayawan Agri-Ventures Corporation - Tolong (formerly URC Ilonga)	
0.624-kW Biogas Power Plant	Biomass	Biogas Power Plant	Embedded	0.6	No available information	Naga City, Cebu	Cebu	VII	FDR Integrated Resource Recovery Management, Inc.	FDR Integrated Resource Recovery Management, Inc.	
560-kW Biogas Power Plant	Biomass	Biogas Power Plant	Embedded	0.6	No available information	Cortes, Bohol	Bohol	VII	Marcela Farms, Inc.	Marcela Farms, Inc.	
11-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	11.0	No available information	Kananga, Leyte	Leyte	VIII	HIDECO Sugar Milling Co., Inc.	HIDECO Sugar Milling Co., Inc.	

MINDANAO GRID

POWER PLANT			TYPE OF CONNECTION	CAPACITY, MW		LOCATION		REGION	OPERATOR	OWNER / IPPA	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	RESOURCE TYPE	TECHNOLOGY TYPE		INSTALLED	DEPENDABLE	MUNICIPALITY/ PROVINCE	PROVINCE				
					27.4	0					
27.4-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant		27.4	No available information.	Quezon, Bukidnon	Bukidnon	X	BUSCO Sugar Milling Co., Inc.	BUSCO Sugar Milling Co., Inc.	

Note:
Excluding off-grid generators
Released as of 28 February 2025
Includes FIT Approved Plants based on RE Projects under FIT System as of 28 February 2025
Installed Capacity - nameplate capacity; full-load continuous gross capacity of a unit under specified conditions, as calculated from the electric generator nameplate based on the rated power factor.
Dependable Capacity - maximum capacity when modified for ambient limitations for a specified period of time, such as a month or a season.
Installed and Dependable Capacity values may be updated as necessary.

Legend:
in GREEN - NEW ENTRY