



DEPARTMENT OF ENERGY
LIST OF EXISTING BIOMASS POWER PLANTS (SELF-GENERATING FACILITIES OR OWN-USE) AS OF 31 DECEMBER 2024

Luzon Grid

Facility Name	Resource Type	Technology Type	Type of Connection	Capacity, MW		Municipality/ Province	Province	Region	Operator	Owner / IPPA	Date Commissioned/ Commercial Operation
				Installed	Dependable						
Biomass				39,637	0						
5-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	5,000	No available information	Plat, 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	2,400	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	9,500	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	0.100	No available information	Trece Martirez City, Cavite	Cavite	IV-A	Waste and Resources Management Inc.	Waste and Resources Management Inc.	
2.2-MW Biogas and 3-MW Biomass Power Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	9,200	No available information	Balayan, 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	12,587	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	0.850	No available information	Sto. Tomas, Batangas	Batangas	IV-A	Mariwasa Siam Ceramics, Inc.	Mariwasa Siam Ceramics, Inc.	Sep-09

Visayas Grid

Facility Name	Resource Type	Technology Type	Type of Connection	Capacity, MW		Municipality/ Province	Province	Region	Operator	Owner / IPPA	Date Commissioned/ Commercial Operation
				Installed	Dependable						
				115,824	0						
39-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	39,000	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	4,200	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	31,000	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	7,500	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	5,800	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	9,400	No available information	Manjuyod, Negros Oriental	Negros Occidental	VII	Universal Robina Corporation - URSCUMCO	Universal Robina Corporation - URSCUMCO	
6.75 Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	6,750	No available information	Sta. Catalina, Negros Oriental	Negros Occidental	VII	HDJ Bayawan Agri-Ventures Corporation - Tolong (formerly URC tolong)	HDJ Bayawan Agri-Ventures Corporation - Tolong (formerly URC tolong)	
0.624-kW Biogas Power Plant	Biomass	Biogas Power Plant	Embedded	0.624	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	0.560	No available information	Cortes, Bohol	Bohol	VII	Marcela Farms, Inc.	Marcela Farms, Inc.	
11-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant	Embedded	11,000	No available information	Kananga, Leyte	Leyte	VIII	HIDECO Sugar Milling Co., Inc.	HIDECO Sugar Milling Co., Inc.	

Mindanao Grid

Facility Name	Resource Type	Technology Type	Type of Connection	Capacity, MW		Municipality/ Province	Province	Region	Operator	Owner / IPPA	Date Commissioned/ Commercial Operation
				Installed	Dependable						
27.4-MW Biomass Cogeneration Plant	Biomass	Biomass Cogeneration Power Plant		27.4	0	Quezon, Bukidnon	Bukidnon	X	BUSCO Sugar Milling Co., Inc.	BUSCO Sugar Milling Co., Inc.	

Note:

Excluding off-grid generators

Released as of 31 December 2024

Includes FIT Approved Plants based on RE Projects under FIT System as of December 2024

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