

MINDANAO GRID

| FACILITY NAME | POWER PLANT | | TYPE OF CONNECTION | CAPACITY, MW | | NUMBER OF UNITS | LOCATION | | | OPERATOR | OWNER / PPA | FIT APPROVED / GEA (Yr-Rd) | OWNER TYPE | TYPE OF CONTRACT | DATE COMMISSIONED / COMMERCIAL OPERATION |
|---|------------------|--|--------------------|--------------|------------|-----------------|--|-------------------|---------------------|----------|--|--|-------------|------------------|--|
| | RESOURCE TYPE | TECHNOLOGY TYPE | | INSTALLED | DEPENDABLE | | MUNICIPALITY / PROVINCE | PROVINCE | CITY / MUNICIPALITY | | | | | | |
| BFI (Biomass) | Biomass | Biomass Cogeneration Power Plant | Embedded | 5.96 | 3.5 | 1 | Barangay Dumadag, Tartangan, South Cotabato | South Cotabato | Tartangan | 12 | Biotech Farms, Inc. (BFI) | BioTech Farms, Inc. (BFI) | NON-NPC/IPP | YES | May-2018 |
| BFI (Biogas) | Biomass | Biogas Power Plant | Embedded | 12.39 | 6.4 | 10 | Baraga, South Cotabato | South Cotabato | Banga | 12 | Biotech Farms, Inc. (BFI) | BioTech Farms, Inc. (BFI) | NON-NPC/IPP | YES | Dec-2018 |
| CSCI | Biomass | Bagasse-fired Cogeneration Plant | Embedded | 35.50 | 0.0 | 4 | Barangay North Poblacion, Maramea, Bukidnon | Bukidnon | Maramag | 10 | Crystal Sugar Company, Inc. | Crystal Sugar Company, Inc. | NON-NPC/IPP | NO | Jun-2010 |
| SPGI | Biomass | Rice Husk-Fired Biomass Power Plant | Embedded | 6.23 | 5.3 | 1 | Barangay Centrala, Surallah, South Cotabato | South Cotabato | Surallah | 12 | Surallah Power Generation Inc. | Surallah Power Generation Inc. | NON-NPC/IPP | YES | Jan-2020 |
| LPEC | Biomass | Rice Husk-Fired Biomass Power Plant | Embedded | 6.00 | 5.3 | 1 | Barangay Commonwealth, Aurora, Zamboanga del Sur | Zamboanga del Sur | Aurora | 9 | Libertad Power and Energy Corporation (LPEC) | Libertad Power and Energy Corporation (LPEC) | NON-NPC/IPP | NO | Dec-2023 |
| CSOCI COGEN PLANT | Biomass | Biomass Cogeneration Power Plant | Embedded | 9.90 | 3.4 | | Barangay Kikada, Matamban, North Cotabato | North Cotabato | Matamban | 12 | Cotabato Sugar Central Company Inc. | Cotabato Sugar Central Company Inc. | NON-NPC/IPP | GEA-1 | Feb-2024 |
| GEO THERMAL | | | | | | | | | | | | | | | |
| | | | | 112.1 | 106.3 | | | | | | | | | | |
| MT APO - EDC GPP | Geothermal | Single Flash | Grid | 108.5 | 103.3 | 2 | Barangay Itonavik, Kidapawan, North Cotabato | North Cotabato | Kidapawan | 12 | Energy Development Corp. (EDC) | Filinvest Development Corporation (FDC) USBES, Inc. | NON-NPC/IPP | NO | Dec-1996 |
| Mindanao 3 (M3) Binary Geothermal Plant | Geothermal | Binary | Grid | 3.7 | 3.0 | 1 | Barangay Itonavik, Kidapawan, North Cotabato | North Cotabato | Kidapawan | 12 | Energy Development Corp. (EDC) | Energy Development Corp. (EDC) | NON-NPC/IPP | NO | Jun-2022 |
| SOLAR | | | | | | | | | | | | | | | |
| | | | | 83.8 | 68.2 | | | | | | | | | | |
| DIGOS | Ground Mounted | Ground Mounted Solar Photovoltaic System | Grid | 28.6 | 24.8 | | Barangay San Roque, Digos City, Davao del Sur | Davao del Sur | Digos City | 11 | Afterpower Digos Solar, Inc. | Afterpower Digos Solar, Inc. | NON-NPC/IPP | NO (w/ RESA) | Mar-2016 |
| KBAWE | Ground Mounted | Ground Mounted Solar Photovoltaic System | Grid | 10.5 | 8.2 | | Barangay Labuagon, Kibawe, Bukidnon | Bukidnon | Kibawe | 10 | Asian Greenery Corporation | Asian Greenery Corporation | NON-NPC/IPP | YES | Mar-2016 |
| CENTRALLA | Ground Mounted | Ground Mounted Solar PVs | Embedded | 6.2 | 5.0 | | Barangay Centrala, Surallah, South Cotabato | South Cotabato | Surallah | 12 | Clikone Solar South Cotabato, Inc. (Formerly, IV vod Philippines Solar Energy One, Inc.) | Clikone Solar South Cotabato, Inc. (Formerly, IV vod Philippines Solar Energy One, Inc.) | NON-NPC/IPP | YES | Dec-2015 |
| CEPALCO | Ground Mounted | Ground Mounted Solar PVs | Embedded | 1.0 | 0.2 | | Site Lombog, Indabag Road, Cagayan de Oro, Misamis Oriental | Misamis Oriental | Cagayan de Oro | 10 | Cagayan Electric Power and Light Company (CEPALCO) | Cagayan Electric Power and Light Company (CEPALCO) | NON-NPC/IPP | NO | Sep-2004 |
| KIRAHON | Ground Mounted | Ground Mounted Solar PVs | Embedded | 12.5 | 10.0 | | Site Kirahon, Villanueva, Misamis Oriental | Misamis Oriental | Villanueva | 10 | Kirahon Solar Energy Corporation (KSEC) | Kirahon Solar Energy Corporation (KSEC) | NON-NPC/IPP | NO | Oct-2015 |
| ADGI | Ground Mounted | Ground Mounted Solar PVs | Embedded | 25.0 | 20.0 | | Barangay Siguel/Bawing, General Santos City | South Cotabato | General Santos City | 12 | Astronergy Development Gensan, Inc. (ADGI) | Astronergy Development Gensan, Inc. (ADGI) | NON-NPC/IPP | NO | Dec-2019 |
| | | | | 1,222.7 | 1,059.2 | | | | | | | | | | |
| HYDROELECTRIC | | | | | | | | | | | | | | | |
| Larao Hydroelectric Plants | | | | 1,117.5 | 955.4 | | | | | | | | | | |
| AGUS 1 | Impounding Hydro | Dam-type HEPP | Grid | 80.5 | 70.0 | 2 | Barangay Sabar, Marawi City, Lanao del Sur | Lanao del Sur | Marawi City | ARMM | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Jun-1992 |
| AGUS 2 | Impounding Hydro | Dam-type HEPP | Grid | 180.0 | 120.0 | 3 | Barangay Pasak, Seguiran, Lanao del Sur | Lanao del Sur | Seguiran | ARMM | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Jun-1979 / Nov-1979 |
| AGUS 4 | Impounding Hydro | Dam-type HEPP | Grid | 158.1 | 150.0 | 3 | Barangay Nangka Babal, Lanao del Norte | Lanao del Norte | Babal | 10 | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Mar-1985 / Apr-1985 |
| AGUS 5 | Impounding Hydro | Dam-type HEPP | Grid | 55.0 | 52.0 | 2 | Barangay Dituolan, Bunu-un, Iligan City, Lanao del Norte | Lanao del Norte | Iligan City | 10 | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Feb-1985 / Mar-1985 |
| AGUS 6 | Impounding Hydro | Dam-type HEPP | Grid | 219.0 | 175.0 | 5 | Barangay Fuentes, Bunu-un, Iligan City, Lanao del Norte | Lanao del Norte | Iligan City | 10 | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Jul-1953 / Apr-1971 |
| AGUS 7 | Impounding Hydro | Dam-type HEPP | Grid | 54.0 | 52.0 | 2 | Barangay Maria Cristina, Bunu-un, Iligan City, Lanao del Norte | Lanao del Norte | Iligan City | 10 | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Mar-1983 / Dec-1983 |
| PULANGI 4 | ROR | Run-of-River type HEPP | Grid | 255.0 | 225.0 | 3 | Kuntod, Camp I, Maramea, Bukidnon | Bukidnon | Maramag | 10 | National Power Corporation-Mindanao Generation (NPC-MirGen) | Power Sector Assets and Liabilities Management Corporation (PSALM) | NPC | | Dec-1985 / Jun-1986 |
| MANOLO FORTICH U1 | ROR | Run-of-River type HEPP | Grid | 45.9 | 43.4 | 4 | Barangay Santiago, Manolo Fortich, Bukidnon | Bukidnon | Manolo Fortich | 10 | Hydro Electric Development Corporation (HEDCOR) Bukidnon, Inc. | Hydro Electric Development Corporation (HEDCOR) Bukidnon, Inc. | NON-NPC/IPP | YES | Jul-2018 |
| MANOLO FORTICH U2 | ROR | Run-of-River type HEPP | Grid | 27.4 | 25.4 | 4 | Barangay Damilag, Santiago, Manolo Fortich, Bukidnon | Bukidnon | Manolo Fortich | 10 | Hydro Electric Development Corporation (HEDCOR) Bukidnon, Inc. | Hydro Electric Development Corporation (HEDCOR) Bukidnon, Inc. | NON-NPC/IPP | YES | Nov-2018 |
| SIBULAN A | ROR | Run-of-River type HEPP | Embedded | 16.3 | 16.3 | | Barangay Sibulan, Santa Cruz, Davao del Sur | Davao del Sur | Santa Cruz | 11 | Hydro Electric Development Corporation (HEDCOR) Sibulan Inc. | Hydro Electric Development Corporation (HEDCOR) Sibulan Inc. | NON-NPC/IPP | NO | Mar-2010 |
| SIBULAN B | ROR | Run-of-River type HEPP | Embedded | 26.3 | 26.3 | | Barangay Darong, Santa Cruz, Davao del Sur | Davao del Sur | Santa Cruz | 11 | Hydro Electric Development Corporation (HEDCOR) Sibulan Inc. | Hydro Electric Development Corporation (HEDCOR) Sibulan Inc. | NON-NPC/IPP | NO | Mar-2010 |
| Small Hydroelectric Plants | | | | 92.9 | 91.7 | | | | | | | | | | |
| TUDAYA 2 | ROR | Run-of-River type HEPP | Grid | 8.1 | 8.0 | 2 | Barangay Sibulan, Sta. Cruz, Davao del Sur | Davao del Sur | Santa Cruz | 11 | Hydro Electric Development Corporation (HEDCOR) Tudaya Inc. | Hydro Electric Development Corporation (HEDCOR) Tudaya Inc. | NON-NPC/IPP | YES | May-2014 |
| BUBUNAWAN | ROR | Run-of-River type HEPP | Embedded | 6.6 | 6.5 | 1 | Barangay Imbatua, Baungon, Bukidnon | Bukidnon | Baungon | 10 | Bubunawan Power Company, Inc. (BPC) | Bubunawan Power Company, Inc. (BPC) | NON-NPC/IPP | NO | Sep-2001 |
| CARULIG HEP | ROR | Run-of-River type HEPP | Embedded | 9.2 | 8.3 | 1 | Barangay Plandid, Claveria, Misamis Oriental | Misamis Oriental | Claveria | 10 | Mindanao Energy Systems (MINERGY) | Mindanao Energy Systems (MINERGY) | NON-NPC/IPP | NO | Sep-2012 |
| TUDAYA 1 | ROR | Run-of-River type HEPP | Embedded | 6.6 | 6.6 | 1 | Barangay Sibulan, Sta. Cruz, Davao del Sur | Davao del Sur | Sta. Cruz | 11 | Hydro Electric Development Corporation (HEDCOR) Tudaya Inc. | Hydro Electric Development Corporation (HEDCOR) Tudaya Inc. | NON-NPC/IPP | NO | May-2014 |
| ASIGA | ROR | Run-of-River type HEPP | Embedded | 8.0 | 7.9 | 1 | P-4 Barangay Pangayan, Santiago, Agusan Del Norte | Agusan Del Norte | Santiago | 13 | Asiga Green Energy Corporation (AGEC) | Asiga Green Energy Corporation (AGEC) | NON-NPC/IPP | NO | May-2019 |
| LAKE MANIT | ROR | Run-of-River type HEPP | Embedded | 24.9 | 24.9 | 3 | Barangays Magtagooc and San Pablo Jabonga, Agusan Del Norte | Agusan Del Norte | Jabonga | 13 | Agusan Power Corporation | Agusan Power Corporation | NON-NPC/IPP | NO | June 8, 2023 |
| ALAMADA HEP | ROR | Run-of-River type HEPP | Embedded | 3.0 | 3.0 | 3 | Barangay Barangan, Alamada, North Cotabato | North Cotabato | Alamada | 12 | Euro Hydro Power (Asia) Holdings, Inc. | Euro Hydro Power (Asia) Holdings, Inc. | NON-NPC/IPP | NO | Jun-2023 |
| SIGULI HEP | ROR | Run-of-River type HEPP | Embedded | 14.5 | 14.5 | 1 | Site Lantandil, Barangay Kamanga, Misamis Sarangani | Sarangani | Masam | 12 | Sigul Hydro Power Corporation | Sigul Hydro Power Corporation | NON-NPC/IPP | For FIT Approval | Aug-2024 |
| LIANGAN HEPP | ROR | Run-of-River type HEPP | Embedded | 12.0 | 12.0 | 2 | Barangay Pagayawan, Municipality of Bacolod, Province of Lanao Del Norte | Lanao del Norte | Bacolod | 10 | Liangan Hydropower Corporation | Liangan Hydropower Corporation | NON-NPC/IPP | For FIT Approval | Oct-2024 |
| Mini Hydroelectric Plants | | | | 12.3 | 12.1 | | | | | | | | | | |
| AGUSAN | ROR | Run-of-River type HEPP | Embedded | 1.6 | 1.6 | 2 | Barangay Damilag, M. Fortich, Bukidnon | Bukidnon | Manolo Fortich | 10 | First Gen Bukidnon Power Corporation (FGBPC) | First Gen Bukidnon Power Corporation (FGBPC) | NON-NPC/IPP | NO | Dec-1957 |
| TALOMO 1 | ROR | Run-of-River type HEPP | Embedded | 1.0 | 1.0 | 1 | Barangay Malapos, (Mital), Davao City, Davao del Sur | Davao del Sur | Davao City | 11 | Hydro Electric Development Corporation (HEDCOR) Inc. | Hydro Electric Development Corporation (HEDCOR) Inc. | NON-NPC/IPP | NO | Oct-1998 |
| TALOMO 2 | ROR | Run-of-River type HEPP | Embedded | 0.6 | 0.6 | 1 | Barangay Mital, Davao City, Davao del Sur | Davao del Sur | Davao City | 11 | Hydro Electric Development Corporation (HEDCOR) Inc. | Hydro Electric Development Corporation (HEDCOR) Inc. | NON-NPC/IPP | NO | Oct-1998 |
| TALOMO 2A | ROR | Run-of-River type HEPP | Embedded | 0.7 | 0.7 | 1 | Talok, Mital, Davao City, Davao del Sur | Davao del Sur | Davao City | 11 | Hydro Electric Development Corporation (HEDCOR) Inc. | Hydro Electric Development Corporation (HEDCOR) Inc. | NON-NPC/IPP | NO | Oct-1998 |
| TALOMO 2B | ROR | Run-of-River type HEPP | Embedded | 0.3 | 0.3 | 1 | Upper Mital Proper, Davao City, Davao del Sur | Davao del Sur | Davao City | 11 | Hydro Electric Development Corporation (HEDCOR) Inc. | Hydro Electric Development Corporation (HEDCOR) Inc. | NON-NPC/IPP | NO | Oct-1998 |
| TALOMO 3 | ROR | Run-of-River type HEPP | Embedded | 1.9 | 1.9 | 1 | Catalunan Pasquito, Mital, Davao City, Davao del Sur | Davao del Sur | Davao City | 11 | Hydro Electric Development Corporation (HEDCOR) Inc. | Hydro Electric Development Corporation (HEDCOR) Inc. | NON-NPC/IPP | NO | Oct-1998 |
| PAHOON | ROR | Run-of-River type HEPP | Embedded | 0.2 | 0.2 | | Barangay Poblacion, Impasosa, Bukidnon | Bukidnon | Impasosa | 10 | Gentli Renewable Energy, Inc. | Gentli Renewable Energy, Inc. | NON-NPC/IPP | NO | Sep-2009 |
| NEW BATAAN HEPP | ROR | Run-of-River type HEPP | Embedded | 3.2 | 3.0 | | Barangay Antap, New Bataan, Compostela Valley | Compostela Valley | New Bataan | 11 | Euro Hydro Power (Asia) Holdings, Inc. | Euro Hydro Power (Asia) Holdings, Inc. | NON-NPC/IPP | YES | Mar-2018 |
| MARBEL 1 HPP | ROR | Run-of-River type HEPP | Embedded | 0.8 | 0.8 | | Barangay Carpenter Hill, Koronadal City, South Cotabato | South Cotabato | Koronadal City | 11 | Euro Hydro Power (Asia) Holdings, Inc. | Euro Hydro Power (Asia) Holdings, Inc. | NON-NPC/IPP | YES | Jul-2022 |
| MARAMAG HEPP | ROR | Run-of-River type HEPP | Embedded | 2.0 | 2.0 | 2 | Purok 9, Kuntod, Camp I, Maramea, Bukidnon | Bukidnon | Maramag | 10 | Maramag Mini-Hydro Power Corporation | Maramag Mini-Hydro Power Corporation | NON-NPC/IPP | NO | Oct-2023 (PAO) |
| WIND | | | | 0.0 | 0.0 | | | | | | | | | | |
| TOTAL MINDANAO | | | | 4,614.5 | 4,020.4 | | | | | | | | | | |



DEPARTMENT OF ENERGY
LIST OF EXISTING POWER PLANTS (GRID-CONNECTED) AS OF 30 NOVEMBER 2024

MINDANAO GRID

| FACILITY NAME | POWER PLANT | | TYPE OF CONNECTION | CAPACITY MW | | NUMBER OF UNITS | LOCATION | | | OPERATOR | OWNER / IPA | FIT APPROVED / (EA / IRR-RO) | OWNER TYPE | TYPE OF CONTRACT | DATE COMMISSIONED / COMMERCIAL OPERATION |
|------------------------------------|---------------|--------------------------------|--------------------|--------------|--------------|-----------------|---|------------------|---------------------|----------|----------------------|------------------------------|-------------|------------------|--|
| | RESOURCE TYPE | TECHNOLOGY TYPE | | INSTALLED | DEPENDABLE | | MUNICIPALITY / PROVINCE | PROVINCE | CITY / MUNICIPALITY | | | | | | |
| ENERGY STORAGE SYSTEM (ESS) | | | | 141.8 | 136.1 | | | | | | | | | | |
| TMI Hybrid Diesel-Battery System | Hybrid ESS | Hybrid (Diesel-Battery System) | | 49.0 | 49.0 | | Maro, Davao de Oro | Davao de Oro | Maro | 11 | Therma Marine Inc. | Therma Marine Inc. | NON-NPC/IPP | Not applicable | Nov-2022 |
| MAGO BESS | BESS | Battery ESS | | 24.3 | 24.3 | | Barangay Concepcion, Maro, Davao de Oro | Davao de Oro | Maro | 11 | SMGP BESS Power Inc. | SMGP BESS Power Inc. | NON-NPC/IPP | RR | Aug-2023 |
| MALITA BESS | BESS | Battery ESS | | 22.8 | 22.8 | | Barangay Culeman, Malita, Davao Occidental | Davao Occidental | Malita | 11 | SMGP BESS Power Inc. | SMGP BESS Power Inc. | NON-NPC/IPP | RR | Nov-2023 |
| JASAAN BESS | BESS | Battery ESS | | 22.8 | 20.0 | 12 | Barangay Aplaya, Municipality of Jasaan, Province of Misamis Oriental | Misamis Oriental | Jasaan | 10 | SMGP BESS Power Inc. | SMGP BESS Power Inc. | NON-NPC/IPP | CR | Mar-2024 |
| VILLANUEVA BESS | BESS | Battery ESS | | 22.8 | 20.0 | | Barangay Michon, Tagoloan, Misamis Oriental | Misamis Oriental | Tagoloan | 10 | SMGP BESS Power Inc. | SMGP BESS Power Inc. | NON-NPC/IPP | | Sept 2024 (PAD) Oct 2024 (COD) |

Note:

Excluding off-grid generators

Released as of 30 November 2024

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

For Solar Power Plants: Installed Capacity are MWp or MWDC values while Dependable Capacity are MWAC values

Legend:

in GREEN - NEW ENTRY

in BLACK - NON-NPC/IPP

in RED - NPC

in BLUE - NPC-IPP