MAG-MMAR-2019-05

MONTHLY MARKET ASSESSMENT REPORT

For the Billing Period 26 April to 25 May 2019



PHILIPPINE ELECTRICITY MARKET CORPORATION

MARKET ASSESSMENT GROUP (MAG)

Monthly Market Assessment Report for May 2019 Billing Month

1. Summary

The May billing month was still marked by a growing level of demand as hotter temperatures continue due to summer season. Meanwhile, effective supply increased due to decrease in the outage capacity. It was also noted that major coal plants resumed its operation on April 30, 2019 for Mariveles unit 2 and May 5, 2019SMC units 1 and 2 from forced outages due to 6.1 magnitude earthquake in Luzon. With the return of major coal plants with relatively lower offers, the market prices for May billing period decreased by by 9.1 percent at PhP6,647/MWh compared to April with an average price of PhP7,315/MWh.

2. Market Outcomes

2.1. Capacity Profile

At the start of the May billing month, the WESM registered capacity increased at 19,902 MW due to the registration of the 7.4-MW oil-based facility (units 1 to 6) of Therma Power Visayas, Inc.

Of the said total WESM registered capacity, only about 2 percent or an average of 12,438 MW was offered in the market.

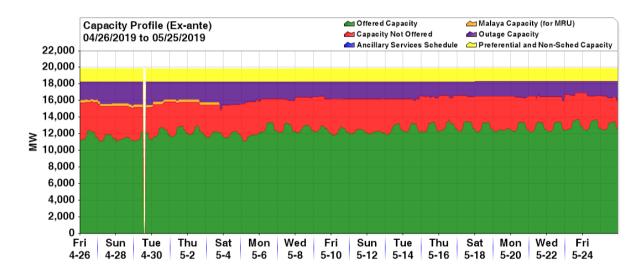


Figure 1. Capacity Profile

| | Ma | y 2019 | April 2019 | |
|---|--------------------|-------------|--------------------|-------------|
| | Average (in MW) | % of RegCap | Average (in MW) | % of RegCap |
| Preferential and Non-Sched Capacity | 1,573 | 8% | 1,560 | 8% |
| Outage Capacity | 2,099 | 11% | 2,416 | 12% |
| Malaya Capacity (for MRU) | 300 | 2% | 300 | 2% |
| Capacity Not Offered | 3,693 | 19% | 3,258 | 16% |
| Offered Capacity | 12,438 | 62% | 11,752 | 59% |
| Registered Capacity (by the end of the billing month) | 19,902 | | 19,876 | |

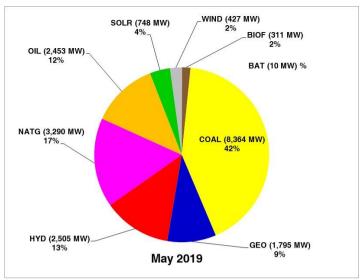


Figure 2. Registered Capacity Mix, May 2019

2.2. Outage Capacity

About 11 percent of the total registered capacity or an average of 2,099 MW were on outage. Bulk of which, at 47 percent, were related to forced outages, averaging at 978 MW. Planned outages, averaging at 566 MW, accounted for 27 percent of the total outage capacity.

On the other hand, based on type of resource, coal plants contributed 41 percent or an average of 871 MW of the total outage capacity this month which is 41 percent lower than previous month with 1,469 MW due to the resumption of major coal plants that went on outage due to the 6.1 magnitude earthquake that struck the Luzon.

Lower level of capacity on outage was recorded at 2,099 MW compared to an average of 2,416 MW in April.

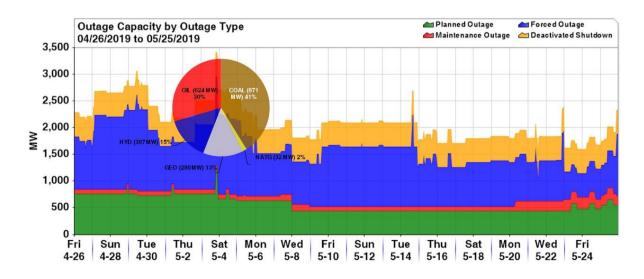


Figure 3. Outage Capacity by Outage Category

2.3. Supply and Demand

Higher average effective supply level was observed this month, increasing by 5.4 percent, at 13,030 MW from 12,363 MW in the previous month. Meanwhile, demand plus reserve schedule also increased by 6.1 percent to an average of 11,890 MW from last month's 11,205 MW due to the hot temperatures that continued to prevail during the summer months. Driven by the higher rate of increase in demand, supply margin tightened to an average of 1,136 MW from 1,159 MW in April.

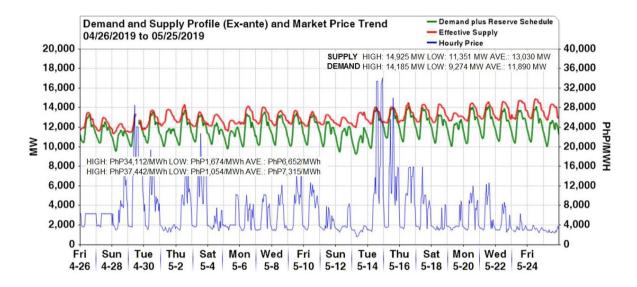


Figure 4. Demand and Supply Profile vs. Market Prices

2.4. Market Prices

The average market price for May billing month is at PhP6,647/MWh compared to PhP7,315/MWh. It may be recalled that on the previous month, the spikes in the market prices were noted due to the dispatch of higher price oil-based plants following the outage of coal plants due to the 6.1 magnitude earthquake. Meanwhile, for May billing month, the major coal power plants SMC units 1 and 2 (150 MW each) and Mariveles unit 2 (316 MW) resumed its operation on April 22 and May 05, 2019, respectively which are on forced outage from April 22, 2019 due to the 6.1 magnitude earthquake in Luzon. In addition, hydro power plants such as Magat units 3 and 4 (95MW) and Binga unit 4 (35 MW) also resumed its operation from annual preventive maintenance. With the return of major coal plants with relatively lower offers, the market prices for May billing period decreased by by 9.1 percent at PhP6,647/MWh compared to April with an average price of PhP7,315/MWh.

3. Structural Competition Indices

3.1. Pivotal Plants

The market RSI fell below the 100-percent mark in 61.79 percent of the time in the May billing month, indicating the presence of pivotal suppliers during the period. This was lower than previous month's 67.7 percent following the tighter supply margin this month. Most frequent pivotal suppliers during the billing month were Sual CFTPP, Ilijan NGPP and Sta. Rita NGPP.

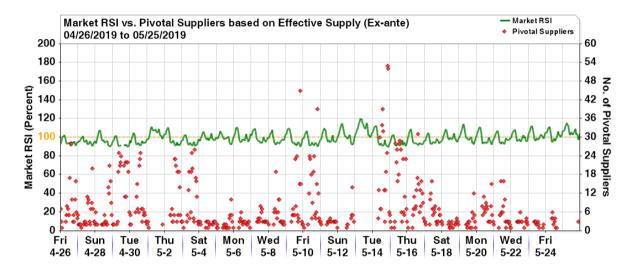


Figure 5. Market RSI vs. Pivotal Suppliers

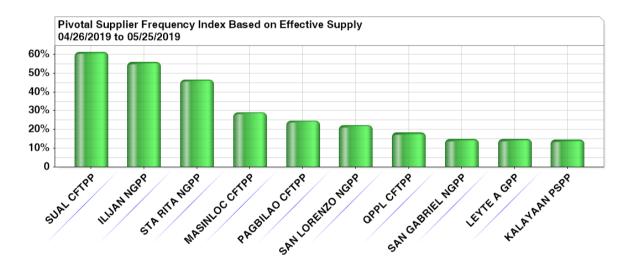


Figure 6. Top Pivotal Plants

3.2. Market Concentration

San Miguel Corporation (SMC), Aboitiz Power (AP), First Gen Corporation (FGC) and Power Sector Asset and Liabilities Management (PSALM) continued to dominate the market. Their combined market share comprised 69.39 percent of the total registered capacity in the WESM, with SMC holding the top spot at

24.3 percent followed by AP (20 percent), FGC (14.4 percent) and PSALM (10.7 percent).

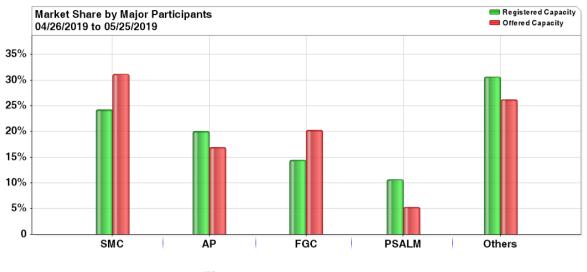


Figure 7. Market Share

With the decrease in the reported outage for the billing month, the market shares of SMC and FGC based on offered capacity decreased to 31.2 percent and 20.3 percent, respectively. AP held a market share of 16.9 percent. Accordingly, the Herfindahl-Hirschman Index (HHI) calculated based on offered capacity by major participants' grouping indicated a concentrated market for 61.92 percent of the time and moderately concentrated market for 38.08 percent. Meanwhile, trading intervals 1400H-1600H were affected by the declaration of Market Intervention events initiated by the System Operator.

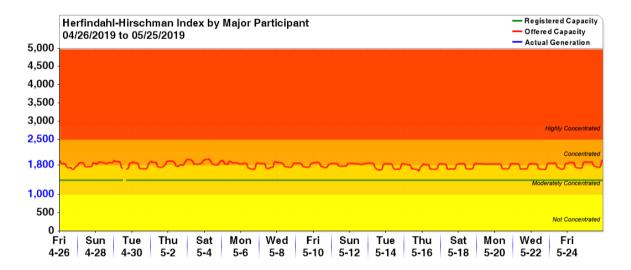


Figure 8. Hourly HHI based on Major Participant Grouping

List of Major Plant Outages

| Figure Med No. Figure Content of Company | |
|--|--------------------|
| | |
| USD Molys 1860 20 00 00 00 00 00 00 | |
| March Month Mont | |
| Month March Marc | |
| LOCK COLL CALL SEC TAPECON TAPECON | |
| Mode | |
| MOVE | |
| MODING OAAH ORF OAR | |
| MODION SMC 1 150 60/27/2919-718 AM/27/2919-718 AM 27/2919-718 AM 27/2919-71 | de earthquake |
| VIAMAN CALL The Steps 2 85 06/32/2019 22-90 APR/ARD198-201 3 7 Forced Outget | de earthquake |
| | de earthquake |
| VISAMS COAL TPC-Neg 1 60 0472/2019 1241 06/2029 1251 0472/2019 1251 0472/20 | |
| MINOR MORE | |
| | |
| VISANS GEO POPP URI 2 37.5 OV/37/2019 1869 1 Forced Outage Auto tripped London From Visans 1 Forced Outage Section From Visans 1 VISANS OL Cales 2 1 OL VISANS OL Cales 2 1 OL VISANS OL Cales 2 OL VISANS OL Cales 2 OL VISANS OL Cales 2 OL VISANS OL Cales 0 OL/37/2019 1989 OL/37/2019 1980 OL/37/ | |
| VEMANS COAL Calua 2 500 04/27/2019 320 06/05/2019 1502 0 Forced Outage Soliter Uses Leads VEMANS Co. Bobol 1 4 04/27/2019 320 07/27/2019 1505 1 Forced Outage Soliter Uses Leads VEMANS Co. Common 1 4 04/27/2019 320 07/27/2019 1505 | |
| VISANS SOLR | |
| VISANS OIL CEMPRI 4.2 04/27/091913 04/28/091901 0 Forced Outage Auto-traped due to high winding temperature VISANS 800F URC 4.0 04/28/091909 0 Forced Outage Offfice due to Boiler problem VISANS 800F URC 4.0 04/28/091909 0 Forced Outage Offfice due to Boiler problem VISANS 800F URC 3 04/28/091919 0 Forced Outage Office due to Boiler problem VISANS 800F URC 3 04/28/091919 0 Forced Outage Office due to Boiler problem VISANS 800F URC 3 04/28/091919 0 Forced Outage Office due to Boiler problem VISANS 800F URC 3 04/28/091919 0 Forced Outage Office due to Boiler problem VISANS 800F URC 3 04/28/091919 0 Forced Outage Office due to Boiler problem VISANS | |
| VISANS OIL CEMPIT 42 O472/2019 018 Forced Outage Tortool Outage Oil Time due to Boiler problem | |
| VISANS BOF | |
| VISANAS BIOF | |
| VISANAS BIOF MPCO 3 04/28/2019 1736 | |
| VISANAS OIL PBIZQ Unit 6 | |
| LUZON HYO Bings 35 | |
| LUZON H/D Binsa 2 5 | |
| LUZON VIV Kalayaan 1880 04/39/2019 31-35 0 Forced Outage Failed start up. | |
| LUZON MYO | |
| USANAS SIDF HPCO 3 04/3/2019 52.0 04/3/2019 53.0 04/3/2019 52.0 04/3/2019 5 | |
| VISAYAS SIOF | |
| VISAYAS SOLR San Carlos 2 19.8 65/07/2019 600 65/07/2019 91.8 0 Forced Outage Affected by tripping of 98/V Caid: San Carlos Sub TL.CO. VISAYAS SOLR San Carlos Sub TL.CO 46.8 65/07/2019 600 65/07/2019 91.8 0 Forced Outage Affected by tripping of 98/V Caid: San Carlos Sub TL.CO. VISAYAS SOLR San Carlos Sub TL.CO 46.8 65/07/2019 810 65/07/2019 91.0 0 Planned Outage Affected by tripping of 98/V Caid: San Carlos Sub TL.CO. VISAYAS SOLR San Carlos Sub TL.CO 46.8 65/07/2019 810 65/07/2019 91.0 0 Planned Outage Affected by tripping of 98/V Caid: San Carlos Sub TL.CO. VISAYAS SOLR San Carlos Sub TL.CO 46.8 65/07/2019 810 65/07/2019 81.0 0 Planned Outage Affected by tripping of 98/V Caid: San Carlos Sub TL.CO. VISAYAS SOLR San Carlos Sub TL.CO 46.8 65/07/2019 81.0 65/07/2019 81.0 65/07/2019 81.0 0 Planned Outage Annual Preventive Maintenance VISAYAS SOLR San Carlos Sub TL.CO 65/07/2019 81.0 65/07/2019 81.0 0 Planned Outage Annual Preventive Maintenance VISAYAS Coll. Pagbliao 1 332 65/07/2019 81.0 65/07/2019 81.0 2 Planned Outage Annual Preventive Maintenance VISAYAS SOLF Pagbliao 1 382 65/07/2019 81.0 56/07/2 | |
| VISANAS SOUR San Carlos Sun 46.8 6.96/UZ/019-600 6.96/02/019-921 0 Forced Outage Affected by tripping of 987X Carls: San Carlos Sub Tt. CO. | |
| LIZON HVD Bings 35 0.50/L/2019-8.01 0.5 | |
| LUZON HYO Binga 35 05/01/2019 8-01 0 | |
| LUZON HYD Binga 4 35 05/01/2019 8:10 05/01/2019 11:01 0 Planned Outage Auto-tripoped- cause of tripoged university at 1 1 1 1 1 1 1 1 1 1 | |
| VISAVAS GEO PGPP1 Unit 3 37.5 05/01/2019 16:30 2 Forced Outage Tripped duct be excessive water leak at feed water leak at Flow sensing line VISAVAS BIOF URC 2 40 05/03/2019 16:37 05/04/2019 14:55 1 Forced Outage Tripped duct be excessive water leak at Flow water low water l | |
| VISAYAS BIOF URC 2 | |
| VISHAYAS OIL Bohol 1 | |
| LUZON COAL SBPL 455 0.5/03/2019 18-21 0.5/03/2019 12-15 0.5/03/2019 12-1 | |
| LUZON COAL SBPL 455 0.5/03/2019 18-18 0.5/03/2019 12-18 0.5 0.7 Planned Outage Unit tripped at 210MW load. (Commissioning Test) | |
| LUZON HYD Binga 1 35 05/04/2019 8:01 05/04/2019 12:00 0 Planned Outage On total plant shutdown in relation to APM activities of Unit 3 | |
| LUZON HVD Binga 2 35 05/04/2019 8:00 05/04/2019 12:00 0 Planned Outage On total plant shutdown in relation to APM activities of Unit 3 | g line |
| VISAYAS BIOF URC 2 40 0.5/04/2019 13:18 05/04/2019 13:18 | |
| VISAYAS BIOF HPCO 3 0.5/04/2019 1818 0.5/04/2019 1919 0 Forced Outage Offline due to Internal problem | |
| VISAVAS GEO PGPP2 Unit 1 20 05/05/2019 70.6 05/05/2019 10.17 0 Maintenance Outage Offline due to Maintenance activities UIZON GEO Tive 6 57 05/05/2019 10.12 0 Maintenance Outage Tive 6 Tive 4 VISAVAS OIL Bohol 3 4.2 05/05/2019 10.14 05/07/2019 31.55 2 Maintenance Outage Offline due to weekly maintenance VISAVAS OIL Bohol 3 4.2 05/05/2019 10.11 05/06/2019 17.51 0 Forced Outage Severe fuel leak at cylinder 12 VISAVAS OIL POPP C 20.8 05/05/2019 12.51 05/06/2019 13.23 0 Forced Outage Tive 90 while in the process of fuel change-over from gas to oil VISAVAS OIL POPP C 12 05/06/2019 13.39 05/06/2019 3.07 0 Forced Outage Tive 90 while in the process of fuel change-over from gas to oil VISAVAS OIL POPP C 12 05/06/2019 13.29 0 Forced Outage High exhaust gas temperature High exhaust gas temperature High exhaust gas temperature VISAVAS OIL POPP C 13 05/07/2019 52.01 05/06/2019 12.22 0 Forced Outage High exhaust gas temperature High exh | |
| LUZON GEO Tivi 6 57 05/05/2019 9:02 05/05/2019 1:142 0 Forced Outage Tripped by excitation trouble | |
| VISAVAS OIL Bohol 3 | |
| LUZON NATG San Lorenzo 2 26.1.8 05/05/2019 13:11 05/06/2019 13:22 0 Forced Outage Tripped while in the process of fuel change-over from gas to oil | |
| VISAVAS OIL POPP3 C 12 O.5/06/2019 18:58 OS/06/2019 19:29 O Forced Outage High exhaust gas temperature | |
| LUZON HYD Ambukkao 1 35 05/07/2019 8.01 05/08/2019 22:27 2 Maintenance Outage Internal leak on unt 1 turbine governor servomotors VISAYAS GEO Mahanagdong B1 5 05/07/2019 9:55 05/07/2019 20:20 0 Forced Outage Tripped with load of 36 MW. Under assessment by Plant Personnel. VISAYAS COAL PALM 135 05/07/2019 14:23 05/07/2019 23:29 0 Forced Outage Due to internal troubile Due to troubile Due to troubile Due to internal tr | |
| VISAVAS COAL PALM 1 135 05/07/2019 14:23 05/07/2019 23:29 0 Forced Outage Due to internal trouble Trouble VISAVAS SOLR San Carlos 1 138 05/07/2019 14:23 05/07/2019 15:07 0 Forced Outage Affected by Grid Fluctuation due to tripping of PCPC (134.8MW) VISAVAS SOLR San Carlos 2 13.8 05/07/2019 14:23 05/07/2019 15:07 0 Forced Outage Affected by Grid Fluctuation due to tripping of PCPC (134.8MW) VISAVAS BIOF HPCO 3 05/07/2019 15:03 05/08/2019 8:17 1 Forced Outage Offline due to low voltage at 13.8kV side ULIZON HYO Ambuklao 3 35 05/08/2019 18:10 05/08/2019 12:04 0 Forced Outage ULIZON HYO Kalayan 2 130 05/08/2019 18:40 05/08/2019 11:41 0 Forced Outage Failed to yorkhonize VISAVAS SOLR Islasol 3 40.5 05/09/2019 14:21 05/09/2019 13:33 0 Forced Outage Failed to yorkhonize ULIZON HYO Kalayan 2 130 05/09/2019 14:21 05/09/2019 13:33 0 Forced Outage ULIZON HYO Kalayan 2 130 05/09/2019 14:21 05/09/2019 12:59 12 Forced Outage Usolated due to tripping of 96kV Cadiz-Manapla Solar Une ULIZON ULIZON HYO Kalayan 2 130 05/09/2019 13:23 1 Forced Outage Usolated due to tripping of 96kV Cadiz-Manapla Solar Une ULIZON HYO Kalayan 3 130 05/09/2019 13:23 1 Forced Outage ULIZON Hyo Hyo | |
| VISAYAS SOLR San Carlos 1 19.8 0.5/07/2019 14:23 0.5/07/2019 15:07 0 Forced Outage Affected by Grid Fluctuation due to tripping of PCPC (134.8MW) | |
| VISAVAS BIOF | |
| LUZON HYD Ambukka 3 35 05/08/2019 18:01 05/08/2019 12:04 0 Forced Outage Lube oil high pressure pump trouble LUZON HYD Kalayaan 2 180 05/09/2019 5:48 05/09/2019 11:41 0 Forced Outage Failed to synchronize Forced Outage Lostered due to tripping of 69kV Cadiz-Manapla Solar Line LUZON COAL Sissol 3 46.5 05/09/2019 12:17 05/09/2019 13:23 0 Forced Outage Isolated due to tripping of 69kV Cadiz-Manapla Solar Line LUZON COAL GN Power 1 316 05/09/2019 13:23 05/09/2019 12:59 12 Forced Outage Line Luzon Luzo | |
| LUZON HYD Kalayaan 2 180 05/09/2019 18-48 05/09/2019 11-41 0 Forced Outage Failed to synchronize VISAYAS SOLR Islasol 3 40.5 05/09/2019 12-17 05/09/2019 13-33 0 Forced Outage Isladed due to tripping of 69kV Cadiz-Manapla Solar Line LUZON COAL GN Power 1 316 0.5/09/2019 14-21 05/12/2019 12-25 12 Forced Outage High Turbine Vibration VISAYAS GEO Upper Mahiao 1 32 0.5/09/2019 23:00 05/10/2019 15:23 1 Forced Outage Loss of excitation | |
| LUZON COAL GN Power 1 316 05/09/2019 14:21 05/21/2019 12:59 12 Forced Outage High Turbine Vibration VISAYAS GEO Upper Mahiao 1 32 05/09/2019 23:00 05/10/2019 15:23 1 Forced Outage Loss of excitation | |
| VISAYAS GEO Upper Mahiao 1 32 05/09/2019 23:00 05/10/2019 15:23 1 Forced Outage Loss of excitation | |
| NICAYAC | |
| VISAVAS OIL Bohol 2 4 05/30/2019 10:53 05/10/2019 21:03 0 Freed Outage (Lube oil leak on copper tubing for instrumentation visavas) VISAVAS BloF HPCO 3 05/11/2019 14:58 05/11/2019 15:13 0 Forced Outage (Lube oil leak on copper tubing for instrumentation visavas) VISAVAS BloF HPCO 3 05/11/2019 14:53 05/11/2019 15:13 0 Forced Outage (Lube oil leak on copper tubing for instrumentation visavas) | |
| LUZON GEO Makban 3 63 05/11/2019 19:52 05/11/2019 20:07 0 Forced Outage Generator Trouble | |
| VISAVAS BIOF FFHC 13 05/12/2019 8:18 05/12/2019 2:25 1 Forced Outage Emergency offline due to sugar entrainment on condensate water VISAVAS BIOF HPCO 3 05/12/2019 8:22:5 1 Maintenance Outage Offline Outage Offli | |
| VISAYAS GEO PGPP1 Unit 1 37.5 05/12/2019 18:47 05/13/2019 0:09 0 Forced Outage Auto-tripped due to tripping of vacuum pump | |
| VISAYAS BIOF HPCO 3 05/13/2019 12:35 05/15/2019 14:56 2 Forced Outage Isolated due to tripping of 69kV Bacolod-Silay Sub TL customer owned and mainta VISAYAS SOLR Silay 20 05/13/2019 12:35 05/15/2019 5:59 2 Forced Outage Isolated due to tripping of 69kV Bacolod-Silay Sub TL customer owned and mainta | |
| LUZON HYD Kalayaan 3 180 05/14/2019 13:11 05/14/2019 16:52 0 Forced Outage Declared unavailable due to Generator Breaker Problem | |
| LUZON GEO Tiwi 6 57 05/14/2019 14:32 05/14/2019 16:30 0 Forced Outage Tirpped due to excitation trouble Company Time T | |
| LUZON HYD Kalayaan 2 180 05/14/2019 14:32 05/14/2019 16:34 0 Forced Outage Tripped due to arcflash of exploded grading capacitor of PBC 8- 02CB24SJU | |
| VISYAS OIL P8102 Unit 3 6 05/14/2019 15:58 05/15/2019 17:15 1 Forced Outage Place Traped due to lube oil in left pressure low LUZON GEO Beaman 1 60 05/14/2019 22:22 05/15/2019 22:22 15/15/2019 22:22 1 Forced Outage Tripped due to lube oil high Bearing Vibration | |
| LUZON COAL SMC 3 150 05/15/2019 5:19 05/15/2019 6:53 0 Forced Outage Tripped due to High Drum Level | |
| LUZON OIL MGTPP 100 05/15/2019 845 05/15/2019 15:11 0 Forced Outage Low pressure soleniod valve trouble VISAYAS OIL CENPRI 5 6.4 05/15/2019 16:57 05/15/2019 17:19 0 Forced Outage Auto-tripped due to jacket water low pressure | |
| VISAVIS. OIL. CEMPHI > 6.4 05/12/2019 12:19 0 1 - Force Outage Auto-tripped due to jacker water low pressure IUZON NATG IIIJan AL 130 05/15/2019 17:19 05/15/2019 37:39 0 Forced Outage Auto-tripped due to jacker water low pressure IUZON NATG IIIJan AL 130 05/15/2019 17:19 05/15/2019 37:39 0 Forced Outage Auto-tripped due to jacker water low pressure | quency is 59.34hz. |
| LUZON NATG Sta. Rita 1 257.3 05/16/2019 13:45 05/16/2019 18:27 0 Forced Outage Emergency shutdown due to open vent valve of gas supply | |
| LUZON OIL LImay 4 90 05/17/2019 31:19 105/20/2019 21:29 3 Forced Outage Sudden closure of diverter damper. Declared not available at 1449H. LUZON BIOF Power 2 12 05/18/2019 12:00 Forced Outage Emergency plant shutdown due to leak at cooling tower | |
| VISAYAS BIOF HPCO 3 05/18/2019 18:26 05/18/2019 20:46 0 Forced Outage Offline due to low voltage at 13.8kV side | |
| VISAVAS OIL Bohol 3 4.2 05/18/2019 13-14 0 Forced Outage Fuel oil leak at A Bank header VISAVAS 660 PGPP1 Unit 2 3.75 05/18/2019 22-31 01/5/19/30 22-31 1 Forced Outage Fuel oil leak at A Bank header VISAVAS 660 PGPP1 Unit 2 3.75 05/18/2019 22-31 15/19/30 22-31 1 Forced Outage Fuel Outage Auto tripped. On going investigation | |
| LUZON HYD Magat 2 95 05/20/2019 6:01 Maintenance Outage Maintenance outage until 18 July 2019 | |
| VISAVAS SOLR Islasol 2 27.2 05/20/2019 8:03 05/20/2019 9:50 0 Forced Outage Auto-tripped due to vegetation along their 13.8kV line UIZON Oil Limay 1 60 06/20/2019 12:29 05/20/2019 21:29 06 72/20/2019 21:29 07 Forced Outage Failed to synchronized due to cooler fan trouble | |
| VISAYAS GEO Mahanagdong A1 5 05/21/2019 7:08 Forced Outage Emergency shutdown | |
| UZON NATG 5ta. Rita 1 257.3 05/21/2019 9/08 05/21/2019 1037 0 Forced Outage Tripped due to GT protection triggered by radio interference signal. UIZON COAL GN Power1 316 05/21/2019 130.2 05/22/2019 23/3 1 Forced Outage Emergency shutdown due to intercept valve 2 trouble | |
| ULZON | |

| | | | | | | | | · · |
|---------|------|----------------|-------|------------------|------------------|---|--------------------|---|
| VISAYAS | OIL | Bohol 2 | 4 | 05/21/2019 14:47 | 05/21/2019 19:05 | 0 | Forced Outage | Emergency cut out due to severe oil leak at cyl. copper tubing |
| VISAYAS | GEO | Mahanagdong B1 | 5 | 05/22/2019 12:45 | | | Forced Outage | AVR 24VDC power failure |
| LUZON | COAL | SBPL | 455 | 05/22/2019 20:33 | 05/22/2019 23:32 | 0 | Forced Outage | Tripped at 400MW load. Feedwater flow problem. On Commissioning Test. |
| LUZON | OIL | Limay 1 | 60 | 05/22/2019 20:55 | 05/23/2019 13:36 | 1 | Forced Outage | Fuel Nozzle flow-off valve malfunction |
| VISAYAS | GEO | PGPP1 Unit 2 | 37.5 | 05/22/2019 22:04 | 05/24/2019 17:15 | 2 | Maintenance Outage | Offline due to maintenance activities |
| LUZON | HYD | Binga 1 | 35 | 05/23/2019 8:01 | 05/23/2019 16:51 | 0 | Planned Outage | Installation of unit 2 draft tube stoplogs |
| LUZON | HYD | Binga 2 | 35 | 05/23/2019 8:01 | | | Planned Outage | Unit 2 APM |
| LUZON | HYD | Binga 4 | 35 | 05/23/2019 8:01 | 05/23/2019 16:51 | 0 | Planned Outage | Installation of unit 2 draft tube stoplogs |
| LUZON | HYD | Binga 3 | 35 | 05/23/2019 8:07 | 05/23/2019 16:51 | 0 | Planned Outage | Installation of unit 2 draft tube stoplogs |
| LUZON | COAL | SLTEC 1 | 121 | 05/24/2019 5:19 | | | Forced Outage | Boiler Tube Leak |
| LUZON | HYD | Binga 1 | 35 | 05/24/2019 8:01 | 05/24/2019 16:50 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| LUZON | HYD | Binga 3 | 35 | 05/24/2019 8:01 | 05/24/2019 16:50 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| LUZON | HYD | Binga 4 | 35 | 05/24/2019 8:01 | 05/24/2019 16:50 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| VISAYAS | GEO | Malitbog 3 | 72 | 05/25/2019 0:36 | | | Planned Outage | Annual PMS |
| VISAYAS | GEO | PGPP1 Unit 1 | 37.5 | 05/25/2019 4:12 | 05/25/2019 20:24 | 1 | Maintenance Outage | Offline to conduct repair of cooling tower leak at cooling tower hot distribution basin |
| LUZON | HYD | Binga 1 | 35 | 05/25/2019 8:09 | 05/25/2019 16:01 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| LUZON | HYD | Binga 3 | 35 | 05/25/2019 8:09 | 05/25/2019 16:01 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| LUZON | HYD | Binga 4 | 35 | 05/25/2019 8:09 | 05/25/2019 16:10 | 0 | Planned Outage | Protection testing of overhead lines and power intake trash rack cleaning |
| LUZON | COAL | SLTEC 2 | 122.9 | 05/25/2019 8:22 | | | Forced Outage | On emergency shutdown due to boiler tube leak |
| LUZON | COAL | SBPL | 455 | 05/25/2019 20:26 | 05/25/2019 23:52 | 0 | Forced Outage | Tripped due to GSUT Oil Temperature High High (On commissioning Test) |
| LUZON | OIL | Limay 5 | 60 | 05/25/2019 23:51 | | | Forced Outage | Blow off valve trouble |
| | | | | | | | | |