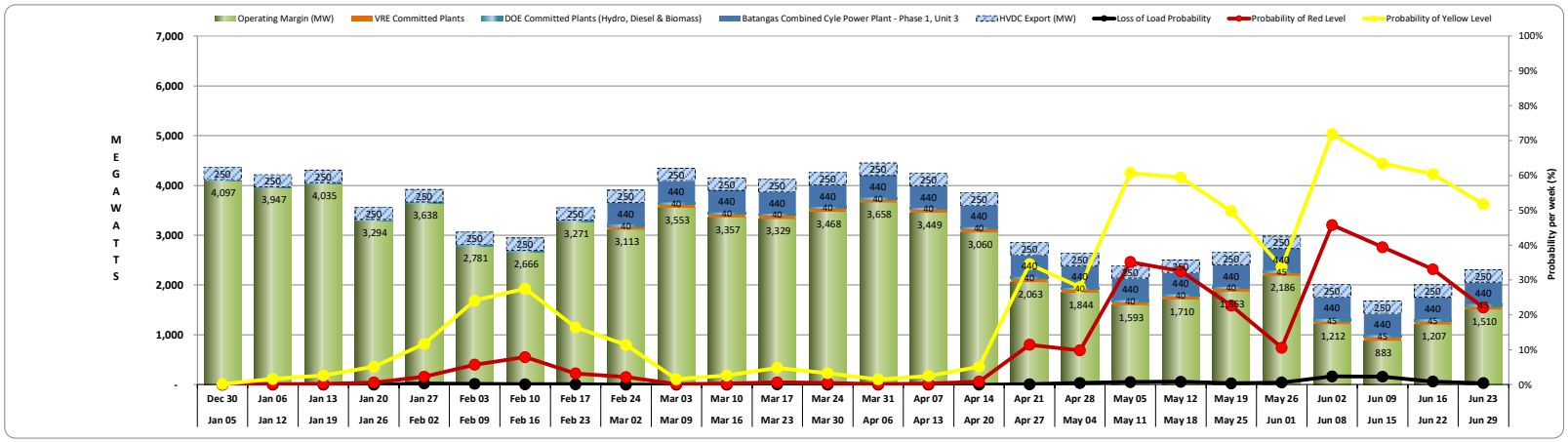
LUZON GRID
2025 Weekly Demand, Supply and Operating Margin Profile



2025	JANUARY TO JUNE 2025																								
	Dec 30 Jan 05	Jan 06 Jan 12	Jan 13 Jan 19	Jan 20 Jan 26	Jan 27 Feb 02	Feb 03 Feb 09	Feb 10 Feb 16	Feb 17 Feb 23	Feb 24 Mar 02	Mar 03 Mar 09	Mar 10 Mar 16	Mar 17 Mar 23	Mar 24 Mar 30	Mar 31 Apr 06	Apr 07 Apr 13	Apr 14 Apr 20	Apr 21 Apr 27	Apr 28 May 04	May 05 May 11	May 12 May 18	May 19 May 25	May 26 Jun 01	Jun 02 Jun 08	Jun 09 Jun 15	Jun 16 Jun 22	Jun 23 Jun 29
Available Generating Capacity (MW)	**15,132**	**15,566**	**15,801**	**15,025**	**15,655**	**14,831**	**14,817**	**15,595**	**15,592**	**16,152**	**16,058**	**16,353**	**16,571**	**16,832**	**16,795**	**16,683**	**16,722**	**16,740**	**16,612**	**16,679**	**16,595**	**16,775**	**15,754**	**15,375**	**15,618**	**15,543**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*7,058*	*7,058*	*7,368*	*6,850*	*7,518*	*7,450*	*6,968*	*7,557*	*7,557*	*7,862*	*7,862*	*8,282*	*8,432*	*8,748*	*8,748*	*8,748*	*8,748*	*8,748*	*8,748*	*8,748*	*8,748*	*8,748*	*7,906*	*7,606*	*7,606*	*7,606*
Gas Turbine/Diesel	*746*	*746*	*746*	*746*	*746*	*736*	*736*	*736*	*679*	*672*	*687*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*
Combined Cycle/NatGas	*4,020*	*4,636*	*4,636*	*4,636*	*4,371*	*4,371*	*4,636*	*4,696*	*4,696*	*4,696*	*4,696*	*4,653*	*4,653*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*	*4,696*
Geothermal	*555*	*555*	*555*	*525*	*525*	*525*	*525*	*525*	*525*	*525*	*525*	*525*	*525*	*555*	*555*	*500*	*413*	*500*	*555*	*555*	*549*	*549*	*549*	*555*	*555*	*555*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*303*	*243*	*191*	*47*	*210*	*243*	*98*	*322*	*233*	*135*	*229*	*51*	*98*	*196*	*215*	*126*	*98*	*98*	*37*	*37*	*28*	*79*	*65*	*56*	*33*	*42*
Solar	*356*	*380*	*356*	*309*	*380*	*404*	*285*	*380*	*475*	*499*	*332*	*451*	*475*	*451*	*404*	*427*	*404*	*499*	*475*	*475*	*404*	*522*	*427*	*356*	*475*	*380*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*95*	*95*	*95*	*95*	*91*	*97*	*101*	*101*	*101*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*
Hydro	*1,999*	*1,854*	*1,854*	*1,819*	*1,815*	*1,007*	*1,469*	*1,279*	*1,327*	*1,657*	*1,621*	*1,538*	*1,536*	*1,333*	*1,325*	*1,334*	*1,511*	*1,347*	*1,249*	*1,316*	*1,318*	*1,328*	*1,258*	*1,254*	*1,401*	*1,412*
System Peak Demand (MW)	**10,785**	**11,369**	**11,516**	**11,481**	**11,767**	**11,800**	**11,901**	**12,074**	**12,229**	**12,349**	**12,452**	**12,774**	**12,854**	**12,924**	**13,096**	**13,374**	**14,409**	**14,646**	**14,769**	**14,719**	**14,482**	**14,339**	**14,293**	**14,242**	**14,160**	**13,784**
Operating Margin (MW)	**4,097**	**3,947**	**4,035**	**3,294**	**3,638**	**2,781**	**2,666**	**3,271**	**3,113**	**3,553**	**3,357**	**3,329**	**3,468**	**3,658**	**3,449**	**3,060**	**2,063**	**1,844**	**1,593**	**1,710**	**1,863**	**2,186**	**1,212**	**883**	**1,207**	**1,510**
Req'd Regulating Reserve	*431*	*455*	*461*	*459*	*471*	*472*	*476*	*483*	*489*	*494*	*498*	*511*	*514*	*517*	*524*	*535*	*576*	*586*	*591*	*589*	*579*	*574*	*572*	*570*	*566*	*551*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*647*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

1. Peak Demand Forecast at 14,769 MW to occur in May 2025 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
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4. Capacity Factor for VRE Plants used: average of 16% for Solar and 30% for Wind (average of actual capacity for 3 years: 2021 to 2023): Based on 24 hours
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9. Capacity addition per updates from DOE Luzon Power Committed Project as of June 30, 2024:

9.1 Masinloc Power Plant - Unit 4 (350 MW) - target date of commercial operation: August 2025
9.2 11.04 MW Capas Bunker C-Fired Diesel Power Plant (11.04 MW) - target date of commercial operation: February 2025
9.3 Batangas Combined Cyle Power Plant - Phase 1, Unit 3 (440 MW) - target date of commercial operation: March 2025
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9.7 Daet Hydroelectric Power Project (5 MW) - target date of commercial operation: December 2025
9.8 Dipalo Hydroelectric Power Project (4.15 MW) - target date of commercial operation: December 2025
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9.10 Asin-Hungduan Hydroelectric Power Project (9.8 MW) - target date of commercial operation: January 2025
9.11 Tumauini Hydroelectric Power Project (11.30 MW) - target date of commercial operation: January 2025
9.12 5.082-MW Biomass Power Plant Project (5.082MW) - target date of commercial operation: August 2025
9.13 Talugtug Solar Power Project (99.80 MW) - target date of commercial operation: March 2025
9.14 Santa Rosa Nueva Ecija 2 Solar Power Project Phase 1A (33.348MW) - target date of commercial operation: August 2025
9.15 Labrador Solar Power Plant Project (200MW) - target date of commercial operation: October 2025
9.16 PAVI Green Naga Solar Power Plant Project (40.40 MW) - target date of commercial operation: December 2025
9.17 Concepcion Tarlac 2 Solar Power Project (200MW) - target date of commercial operation: December 2025
9.18 Santa Rosa Nueva Ecija 2 Solar Power Project Phase 1B (108.40MW) - target date of commercial operation: December 2025
9.19 Santa Rosa Nueva Ecija 2 Solar Power Project Phase 2 (171.6MW) - target date of commercial operation: December 2025
9.20 Tayabas Solar Power Project (450MW) - target date of commercial operation: December 2025
9.21 Sapang Balen Solar 1 Power Project (Phase 1) (79.20MW) - target date of commercial operation: December 2025
9.22 Sapang Balen Solar 1 Power Project (Phase 2) (79.20MW) - target date of commercial operation: December 2025
9.23 PAVI Green San Vicente Solar Power Plant Project (28.60MW) - target date of commercial operation: December 2025
9.24 Development of 50MW Ground Mounted Solar Power Plant (50MW) - target date of commercial operation: December 2025
9.25 San Pablo Solar Power Project Phase 1 (49.40MW) - target date of commercial operation: December 2025
9.26 Limbauan Solar Power Project (28MW) - target date of commercial operation: December 2025
9.27 Bugallon Solar Power Project (18.56MW) - target date of commercial operation: December 2025
9.28 Samal Solar Power Project (48.118MW) - target date of commercial operation: December 2025
9.29 Balaoi and Caunayan Wind Power Project (160MW) - target date of commercial operation: March 01, 2025
9.30 Talim Wind Power Project (218.75MW) - target date of commercial operation: June 30, 2025
9.31 Tanay Wind Power Project (85.8MW) - target date of commercial operation: November 27, 2025
9.32 Alabat Wind Power Project (62.40MW) - target date of commercial operation: November 28, 2025
9.33 Rizal Wind Power Project (90MW) - target date of commercial operation: December 15, 2025
9.34 Caparispisan II Wind Power Project (70MW) - target date of commercial operation: December 25, 2025
9.35 Calatagan Wind Power Project (30MW) - target date of commercial operation: December 25, 2025

10. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2025

LUZON GRID
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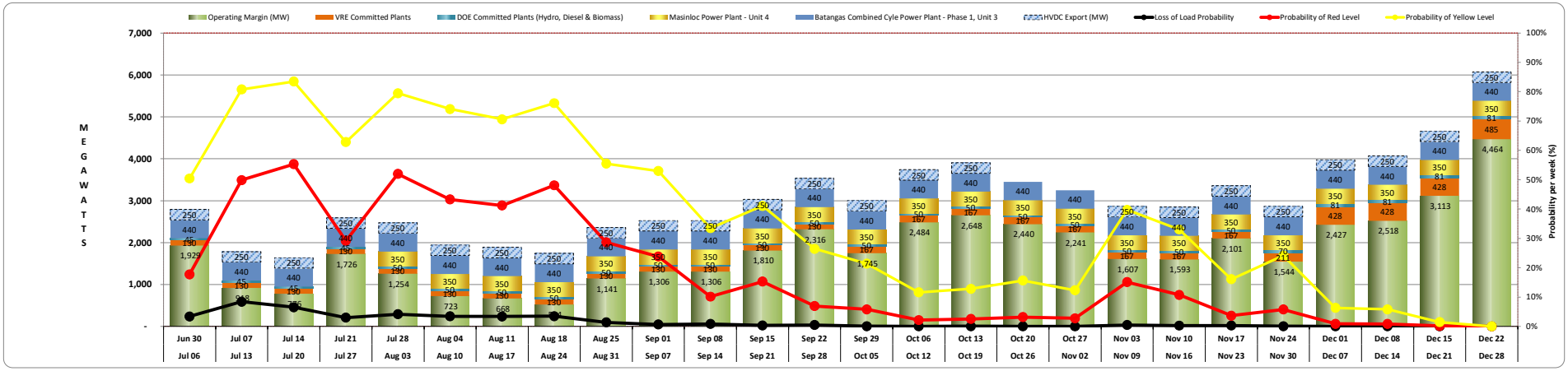

2025	JULY TO DECEMBER 2025																									
	Jun 30	Jul 07	Jul 14	Jul 21	Jul 28	Aug 04	Aug 11	Aug 18	Aug 25	Sep 01	Sep 08	Sep 15	Sep 22	Sep 29	Oct 06	Oct 13	Oct 20	Oct 27	Nov 03	Nov 10	Nov 17	Nov 24	Dec 01	Dec 08	Dec 15	Dec 22
	Jul 06	Jul 13	Jul 20	Jul 27	Aug 03	Aug 10	Aug 17	Aug 24	Aug 31	Sep 07	Sep 14	Sep 21	Sep 28	Oct 05	Oct 12	Oct 19	Oct 26	Nov 02	Nov 09	Nov 16	Nov 23	Nov 30	Dec 07	Dec 14	Dec 21	Dec 28
Available Generating Capacity (MW)	**15,898**	**14,848**	**14,574**	**15,500**	**15,015**	**14,492**	**14,459**	**14,316**	**14,974**	**15,134**	**15,134**	**15,656**	**16,200**	**15,535**	**16,234**	**16,319**	**15,805**	**15,567**	**15,175**	**15,167**	**15,738**	**15,049**	**15,872**	**15,867**	**16,067**	**17,092**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*8,138*	*7,756*	*7,756*	*7,906*	*7,485*	*7,192*	*7,192*	*7,342*	*7,005*	*7,005*	*7,005*	*7,644*	*8,138*	*7,803*	*7,953*	*7,803*	*7,563*	*7,251*	*7,396*	*7,396*	*7,401*	*6,754*	*7,329*	*7,329*	*7,419*	*8,066*
Gas Turbine/Diesel	*734*	*674*	*672*	*693*	*746*	*742*	*736*	*740*	*740*	*740*	*740*	*742*	*742*	*740*	*746*	*740*	*740*	*735*	*735*	*746*	*746*	*746*	*746*	*724*	*736*	*746*
Combined Cycle/NatGas	*4,396*	*4,096*	*3,770*	*4,438*	*4,438*	*3,838*	*3,838*	*3,583*	*4,438*	*4,438*	*4,438*	*4,345*	*4,431*	*4,166*	*4,165*	*4,431*	*4,344*	*4,344*	*3,925*	*3,925*	*4,432*	*4,432*	*4,372*	*4,432*	*4,432*	*4,696*
Geothermal	*555*	*348*	*455*	*455*	*425*	*425*	*425*	*455*	*555*	*555*	*555*	*511*	*511*	*511*	*555*	*555*	*555*	*555*	*512*	*512*	*442*	*442*	*555*	*555*	*555*	*555*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*51*	*28*	*14*	*103*	*131*	*173*	*51*	*9*	*51*	*163*	*163*	*65*	*131*	*28*	*98*	*168*	*149*	*229*	*112*	*205*	*261*	*187*	*224*	*205*	*350*	*360*
Solar	*356*	*427*	*332*	*332*	*309*	*356*	*451*	*427*	*404*	*309*	*309*	*427*	*332*	*404*	*451*	*356*	*332*	*356*	*475*	*356*	*404*	*427*	*404*	*380*	*332*	*427*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*107*	*107*	*107*	*107*	*107*	*83*	*83*	*83*	*101*	*99*	*99*	*99*	*99*	*99*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*
Hydro	*1,561*	*1,412*	*1,468*	*1,466*	*1,375*	*1,682*	*1,682*	*1,677*	*1,679*	*1,824*	*1,824*	*1,823*	*1,817*	*1,785*	*2,159*	*2,159*	*2,015*	*1,992*	*1,914*	*1,920*	*1,946*	*1,954*	*2,136*	*2,136*	*2,136*	*2,136*
System Peak Demand (MW)	**13,720**	**13,680**	**13,548**	**13,524**	**13,511**	**13,518**	**13,541**	**13,542**	**13,583**	**13,577**	**13,577**	**13,596**	**13,634**	**13,540**	**13,500**	**13,421**	**13,365**	**13,326**	**13,318**	**13,324**	**13,387**	**13,254**	**13,194**	**13,100**	**12,704**	**12,377**
Operating Margin (MW)	**1,929**	**918**	**776**	**1,726**	**1,254**	**723**	**668**	**524**	**1,141**	**1,306**	**1,306**	**1,810**	**2,316**	**1,745**	**2,484**	**2,648**	**2,440**	**2,241**	**1,607**	**1,593**	**2,101**	**1,544**	**2,427**	**2,518**	**3,113**	**4,464**
Req'd Regulating Reserve	*549*	*547*	*542*	*541*	*540*	*541*	*542*	*542*	*543*	*543*	*543*	*544*	*545*	*542*	*540*	*537*	*535*	*533*	*533*	*533*	*535*	*530*	*528*	*524*	*508*	*495*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*668*	*668*	*647*	*647*	*647*	*647*	*647*	*647*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*0*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

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VISAYAS GRID

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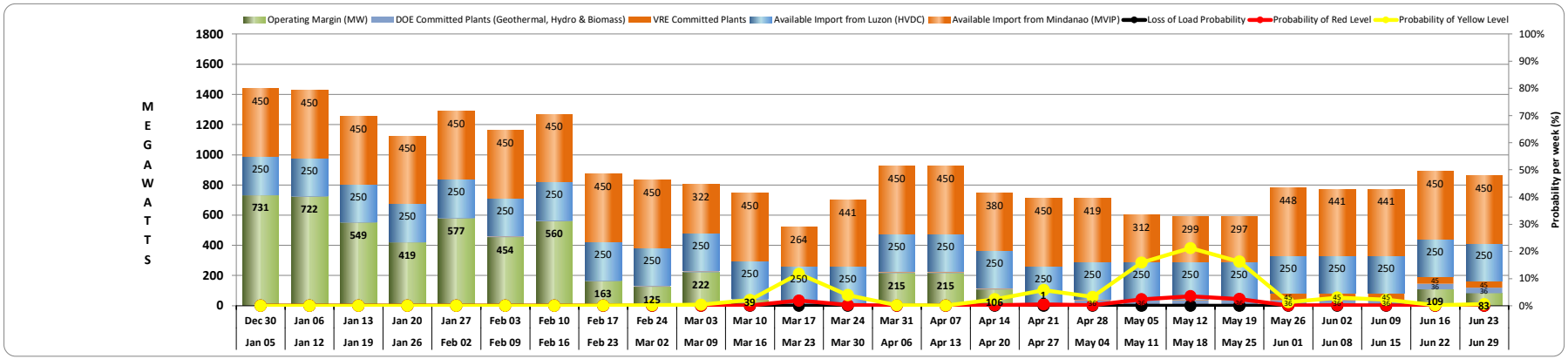
Afternoon Peak Scenario with 450 MW Import from Mindanao



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Available Generating Capacity (MW)	**2,975**	**2,895**	**2,861**	**2,707**	**2,806**	**2,748**	**2,823**	**2,764**	**2,726**	**2,743**	**2,701**	**2,584**	**2,790**	**3,050**	**3,050**	**3,041**	**3,050**	**2,976**	**2,958**	**2,958**	**2,958**	**2,946**	**2,941**	**2,941**	**2,927**	**2,941**
Thermal	*1,321*	*1,321*	*1,218*	*1,049*	*1,152*	*1,152*	*1,152*	*1,152*	*1,152*	*1,157*	*1,054*	*1,054*	*1,136*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*
Geothermal	*763*	*763*	*763*	*763*	*763*	*688*	*763*	*716*	*666*	*666*	*727*	*727*	*727*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*
Diesel	*332*	*252*	*321*	*336*	*320*	*336*	*336*	*324*	*324*	*336*	*336*	*219*	*336*	*336*	*336*	*336*	*336*	*330*	*330*	*330*	*330*	*330*	*330*	*330*	*330*	*330*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*45*	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*63*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*232*	*214*	*214*	*214*	*214*	*208*	*208*	*208*	*208*
Solar	*120*	*120*	*120*	*120*	*142*	*142*	*142*	*142*	*157*	*157*	*157*	*157*	*157*	*168*	*168*	*168*	*168*	*156*	*156*	*156*	*156*	*135*	*135*	*135*	*121*	*135*
Wind	*48*	*48*	*48*	*48*	*39*	*39*	*39*	*39*	*43*	*43*	*43*	*43*	*43*	*34*	*34*	*34*	*34*	*13*	*13*	*13*	*13*	*22*	*23*	*23*	*23*	*23*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,244**	**2,173**	**2,312**	**2,288**	**2,229**	**2,294**	**2,263**	**2,601**	**2,601**	**2,521**	**2,662**	**2,770**	**2,799**	**2,835**	**2,835**	**2,935**	**3,049**	**3,007**	**3,096**	**3,109**	**3,111**	**2,948**	**2,950**	**2,950**	**2,818**	**2,858**
Operating Margin (MW)	**731**	**722**	**549**	**419**	**577**	**454**	**560**	**163**	**125**	**222**	**39**	**-186**	**-9**	**215**	**215**	**106**	**1**	**-31**	**-138**	**-151**	**-153**	**-2**	**-9**	**-9**	**109**	**83**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**731**	**722**	**549**	**419**	**577**	**454**	**560**	**163**	**125**	**222**	**39**	**0**	**0**	**215**	**215**	**106**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**109**	**83**
Req'd Regulating Reserve	*90*	*87*	*92*	*92*	*89*	*92*	*91*	*104*	*104*	*101*	*106*	*111*	*112*	*113*	*113*	*117*	*122*	*120*	*124*	*124*	*124*	*118*	*118*	*118*	*113*	*114*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*322*	*450*	*450*	*450*	*450*	*450*	*380*	*450*	*450*	*449*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,111 MW to occur in May 2025 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: average of 17% for Solar and 22% for Wind (average of actual capacity for the previous year): Based on 24 hours
5. The operating margin per week shown on the graph is based on the forecasted afternoon peak demand per week and its coincident available capacity.
6. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
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8. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
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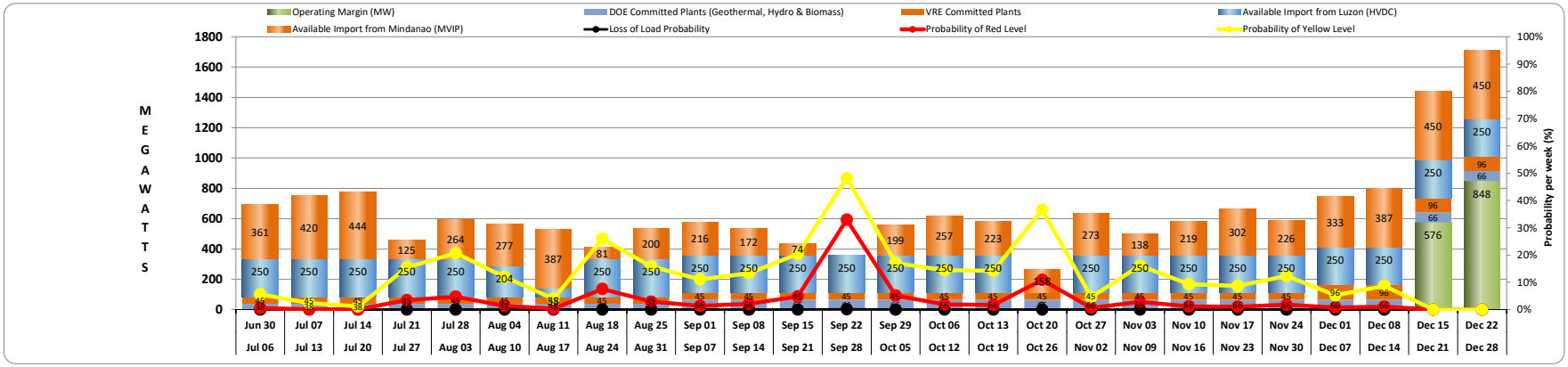
   - 8.2 Mahanagdong Geothermal Brine Optimization Power Plant (28MW) - target date of commercial operation: September 2025
   - 8.3 Bao Hydroelectric Power Project (2.0MW) - target date of commercial operation: July 2025
   - 8.4 70-MW Biomass Cogeneration Plant (30-MW Expansion Project) (30MW) - target date of commercial operation: May 2025
   - 8.5 San Isidro Solar Power Poject (226.842MW) - target date of commercial operation: June 2025
   - 8.6 Kananga-Ormoc Solar Power Project (300MW) - target date of commercial operation: December 2025
   - 8.7 Dagohoy Solar Power Project (20.622MW) - target date of commercial operation: February 2025
   - 8.8 Nabas Wind Power Project (13.20MW) - target date of commercial operation: May 1, 2025
9. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2025
10. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2025 for Pole 1, August 21 - 27, 2025 for Pole 2, and September 24 - 30, 2025 for Bipole

VISAYAS GRID

2025 Weekly Demand, Supply and Operating Margin Profile

Afternoon Peak Scenario with 450 MW Import from Mindanao



2025	JULY TO DECEMBER 2025																								
	Jun 30 Jul 06	Jul 07 Jul 13	Jul 14 Jul 20	Jul 21 Jul 27	Jul 28 Aug 03	Aug 04 Aug 10	Aug 11 Aug 17	Aug 18 Aug 24	Aug 25 Aug 31	Sep 01 Sep 07	Sep 08 Sep 14	Sep 15 Sep 21	Sep 22 Sep 28	Sep 29 Oct 05	Oct 06 Oct 12	Oct 13 Oct 19	Oct 20 Oct 26	Oct 27 Nov 02	Nov 03 Nov 09	Nov 10 Nov 16	Nov 17 Nov 23	Nov 24 Nov 30	Dec 01 Dec 07	Dec 08 Dec 14	Dec 15 Dec 21	Dec 22 Dec 28
Available Generating Capacity (MW)	**2,819**	**2,822**	**2,799**	**2,804**	**2,803**	**2,836**	**2,848**	**2,819**	**2,748**	**2,840**	**2,820**	**2,806**	**2,825**	**2,913**	**2,791**	**2,776**	**2,807**	**2,767**	**2,861**	**2,889**	**2,842**	**2,739**	**2,827**	**2,874**	**2,951**	**3,066**
Thermal	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,321*	*1,186*	*1,186*	*1,186*	*1,186*	*1,321*	*1,321*	*1,321*	*1,218*	*1,218*	*1,218*	*1,218*	*1,321*
Geothermal	*800*	*800*	*800*	*794*	*794*	*794*	*800*	*800*	*714*	*800*	*780*	*760*	*767*	*767*	*780*	*780*	*800*	*735*	*735*	*770*	*710*	*710*	*735*	*735*	*800*	*800*
Diesel	*302*	*313*	*274*	*309*	*293*	*293*	*300*	*277*	*300*	*256*	*256*	*256*	*267*	*277*	*282*	*268*	*287*	*270*	*235*	*235*	*235*	*235*	*235*	*282*	*288*	*300*
Power Barges	*45*	*45*	*45*	*45*	*38*	*52*	*52*	*52*	*52*	*46*	*46*	*52*	*52*	*46*	*46*	*52*	*52*	*52*	*46*	*39*	*52*	*52*	*46*	*46*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*208*	*208*	*208*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	*129*	*113*	*129*	*113*	*122*	*142*	*142*	*135*	*137*	*135*	*135*	*135*	*135*	*145*	*139*	*131*	*124*	*138*	*138*	*138*	*138*	*138*	*206*	*206*	*206*	*206*
Wind	*31*	*31*	*31*	*31*	*35*	*35*	*35*	*35*	*25*	*25*	*25*	*25*	*25*	*19*	*19*	*19*	*19*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,908**	**2,852**	**2,805**	**2,904**	**2,989**	**2,989**	**2,911**	**2,963**	**2,998**	**2,980**	**3,036**	**3,025**	**2,939**	**3,049**	**2,984**	**2,952**	**2,930**	**2,930**	**3,034**	**3,021**	**2,990**	**2,963**	**2,944**	**2,937**	**2,375**	**2,218**
Operating Margin (MW)	**-89**	**-30**	**-6**	**-100**	**-186**	**-153**	**-63**	**-144**	**-250**	**-140**	**-216**	**-219**	**-114**	**-136**	**-193**	**-176**	**-123**	**-163**	**-173**	**-132**	**-148**	**-224**	**-117**	**-63**	**576**	**848**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**576**	**848**
Req'd Regulating Reserve	*116*	*114*	*112*	*116*	*120*	*120*	*116*	*119*	*120*	*119*	*121*	*121*	*118*	*122*	*119*	*118*	*117*	*117*	*121*	*121*	*120*	*119*	*118*	*117*	*95*	*89*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*204*	*58*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*225*	*450*	*430*	*450*	*225*	*450*	*356*	*388*	*293*	*0*	*334*	*450*	*399*	*280*	*436*	*311*	*351*	*450*	*450*	*450*	*450*	*450*	*450*

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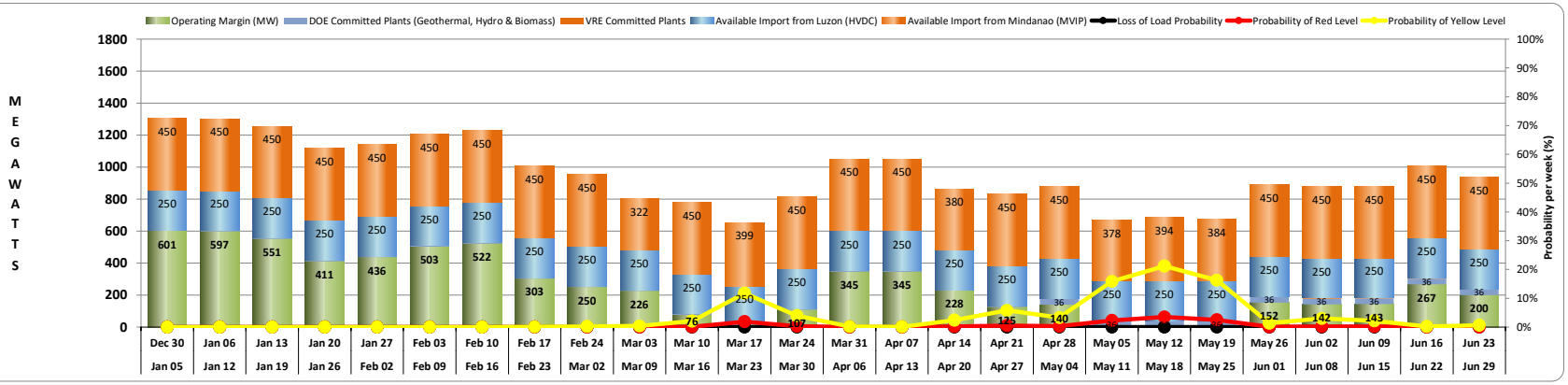
VISAYAS GRID
2025 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



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	Dec 30 Jan 05	Jan 06 Jan 12	Jan 13 Jan 19	Jan 20 Jan 26	Jan 27 Feb 02	Feb 03 Feb 09	Feb 10 Feb 16	Feb 17 Feb 23	Feb 24 Mar 02	Mar 03 Mar 09	Mar 10 Mar 16	Mar 17 Mar 23	Mar 24 Mar 30	Mar 31 Apr 06	Apr 07 Apr 13	Apr 14 Apr 20	Apr 21 Apr 27	Apr 28 May 04	May 05 May 11	May 12 May 18	May 19 May 25	May 26 Jun 01	Jun 02 Jun 08	Jun 09 Jun 15	Jun 16 Jun 22	Jun 23 Jun 29
Available Generating Capacity (MW)	**2,892**	**2,774**	**2,741**	**2,587**	**2,561**	**2,681**	**2,674**	**2,622**	**2,569**	**2,586**	**2,544**	**2,427**	**2,633**	**2,882**	**2,882**	**2,873**	**2,882**	**2,856**	**2,802**	**2,802**	**2,802**	**2,802**	**2,806**	**2,806**	**2,806**	**2,806**
Thermal	*1,321*	*1,321*	*1,218*	*1,049*	*1,049*	*1,152*	*1,152*	*1,152*	*1,152*	*1,157*	*1,054*	*1,054*	*1,136*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*
Geothermal	*800*	*763*	*763*	*763*	*763*	*763*	*763*	*716*	*666*	*666*	*727*	*727*	*727*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*	*800*
Diesel	*332*	*252*	*321*	*336*	*320*	*336*	*336*	*324*	*324*	*336*	*336*	*219*	*336*	*336*	*336*	*336*	*336*	*330*	*330*	*330*	*330*	*330*	*330*	*330*	*330*	*330*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*52*	*45*	*45*	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*63*	*72*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*214*	*214*	*214*	*214*	*208*	*208*	*208*	*208*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*48*	*48*	*48*	*48*	*39*	*39*	*39*	*39*	*43*	*43*	*43*	*43*	*43*	*34*	*34*	*34*	*34*	*14*	*13*	*13*	*13*	*13*	*23*	*23*	*23*	*23*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,291**	**2,177**	**2,190**	**2,176**	**2,125**	**2,178**	**2,152**	**2,319**	**2,319**	**2,360**	**2,468**	**2,478**	**2,526**	**2,537**	**2,537**	**2,645**	**2,757**	**2,716**	**2,874**	**2,858**	**2,868**	**2,650**	**2,664**	**2,663**	**2,539**	**2,606**
Operating Margin (MW)	**601**	**597**	**551**	**411**	**436**	**503**	**522**	**303**	**250**	**226**	**76**	**-51**	**107**	**345**	**345**	**228**	**125**	**140**	**-72**	**-56**	**-66**	**152**	**142**	**143**	**267**	**200**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**601**	**597**	**551**	**411**	**436**	**503**	**522**	**303**	**250**	**226**	**76**	**0**	**107**	**345**	**345**	**228**	**125**	**140**	**0**	**0**	**0**	**152**	**142**	**143**	**267**	**200**
Req'd Regulating Reserve	*92*	*87*	*88*	*87*	*85*	*87*	*86*	*93*	*93*	*94*	*99*	*99*	*101*	*101*	*101*	*106*	*110*	*109*	*115*	*114*	*115*	*106*	*107*	*107*	*102*	*104*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*322*	*450*	*450*	*450*	*450*	*450*	*380*	*450*	*450*	*449*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,111 MW to occur in May 2025 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Evening Peak was considered in the outlook, hence, Solar Capacity not included.
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6. The operating margin per week shown on the graph is based on the forecasted evening peak demand per week and its coincident available capacity.
7. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
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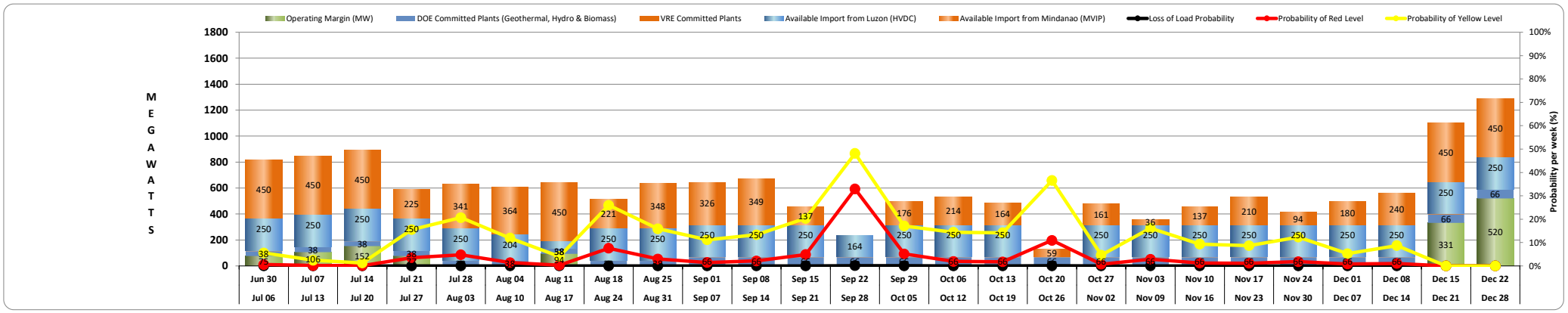
9. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
   - 9.1 Biliran Geothermal Plant Project (Phase 2) (6MW) - target date of commercial operation: January 2025
   - 9.2 Mahanagdong Geothermal Brine Optimization Power Plant (28MW) - target date of commercial operation: September 2025
   - 9.3 Bao Hydroelectric Power Project (2.0MW) - target date of commercial operation: July 2025
   - 9.4 70-MW Biomass Cogeneration Plant (30-MW Expansion Project) (30MW) - target date of commercial operation: May 2025
   - 9.5 San Isidro Solar Power Poject (226.842MW) - target date of commercial operation: June 2025
   - 9.6 Kananga-Ormoc Solar Power Project (300MW) - target date of commercial operation: December 2025
   - 9.7 Dagohoy Solar Power Project (20.622MW) - target date of commercial operation: February 2025
   - 9.8 Nabas Wind Power Project (13.20MW) - target date of commercial operation: May 1, 2025
10. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2025
11. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2025 for Pole 1, August 21 - 27, 2025 for Pole 2, and September 24 - 30, 2025 for Bipole

VISAYAS GRID
2025 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



2025	JULY TO DECEMBER 2025																								
	Jun 30 Jul 06	Jul 07 Jul 13	Jul 14 Jul 20	Jul 21 Jul 27	Jul 28 Aug 03	Aug 04 Aug 10	Aug 11 Aug 17	Aug 18 Aug 24	Aug 25 Aug 31	Sep 01 Sep 07	Sep 08 Sep 14	Sep 15 Sep 21	Sep 22 Sep 28	Sep 29 Oct 05	Oct 06 Oct 12	Oct 13 Oct 19	Oct 20 Oct 26	Oct 27 Nov 02	Nov 03 Nov 09	Nov 10 Nov 16	Nov 17 Nov 23	Nov 24 Nov 30	Dec 01 Dec 07	Dec 08 Dec 14	Dec 15 Dec 21	Dec 22 Dec 28
Available Generating Capacity (MW)	**2,690**	**2,709**	**2,670**	**2,691**	**2,680**	**2,686**	**2,699**	**2,684**	**2,610**	**2,705**	**2,685**	**2,671**	**2,690**	**2,769**	**2,652**	**2,644**	**2,683**	**2,629**	**2,723**	**2,751**	**2,704**	**2,601**	**2,620**	**2,732**	**2,745**	**2,859**
Thermal	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,239*	*1,321*	*1,186*	*1,186*	*1,186*	*1,186*	*1,321*	*1,321*	*1,321*	*1,218*	*1,218*	*1,218*	*1,218*	*1,321*
Geothermal	*800*	*800*	*800*	*794*	*794*	*794*	*800*	*800*	*714*	*800*	*780*	*760*	*767*	*767*	*780*	*780*	*800*	*735*	*735*	*770*	*710*	*710*	*735*	*800*	*800*	*800*
Diesel	*302*	*313*	*274*	*309*	*293*	*293*	*300*	*277*	*300*	*256*	*256*	*256*	*267*	*277*	*282*	*268*	*287*	*270*	*235*	*235*	*235*	*235*	*235*	*282*	*288*	*300*
Power Barges	*45*	*45*	*45*	*45*	*38*	*52*	*52*	*52*	*52*	*46*	*46*	*52*	*52*	*46*	*46*	*52*	*52*	*52*	*46*	*39*	*52*	*52*	*46*	*46*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*200*	*200*	*208*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*31*	*31*	*31*	*31*	*35*	*35*	*35*	*35*	*25*	*25*	*25*	*25*	*25*	*19*	*19*	*19*	*19*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,615**	**2,603**	**2,518**	**2,614**	**2,789**	**2,752**	**2,605**	**2,688**	**2,712**	**2,735**	**2,724**	**2,827**	**2,776**	**2,927**	**2,888**	**2,880**	**2,904**	**2,904**	**2,998**	**2,965**	**2,944**	**2,957**	**2,890**	**2,942**	**2,414**	**2,339**
Operating Margin (MW)	**75**	**106**	**152**	**77**	**-109**	**-66**	**94**	**-4**	**-102**	**-30**	**-39**	**-156**	**-86**	**-158**	**-236**	**-236**	**-221**	**-275**	**-275**	**-214**	**-240**	**-356**	**-270**	**-210**	**331**	**520**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**75**	**106**	**152**	**77**	**0**	**0**	**94**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**331**	**520**
Req'd Regulating Reserve	*105*	*104*	*101*	*105*	*112*	*110*	*104*	*108*	*108*	*109*	*109*	*113*	*111*	*117*	*116*	*115*	*116*	*116*	*120*	*119*	*118*	*118*	*116*	*118*	*97*	*94*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*204*	*58*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*225*	*450*	*430*	*450*	*225*	*450*	*356*	*388*	*293*	*0*	*334*	*450*	*399*	*280*	*436*	*311*	*351*	*450*	*450*	*450*	*450*	*450*	*450*

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9. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
    - 9.1 Biliran Geothermal Plant Project (Phase 2) (6MW) - target date of commercial operation: January 2025
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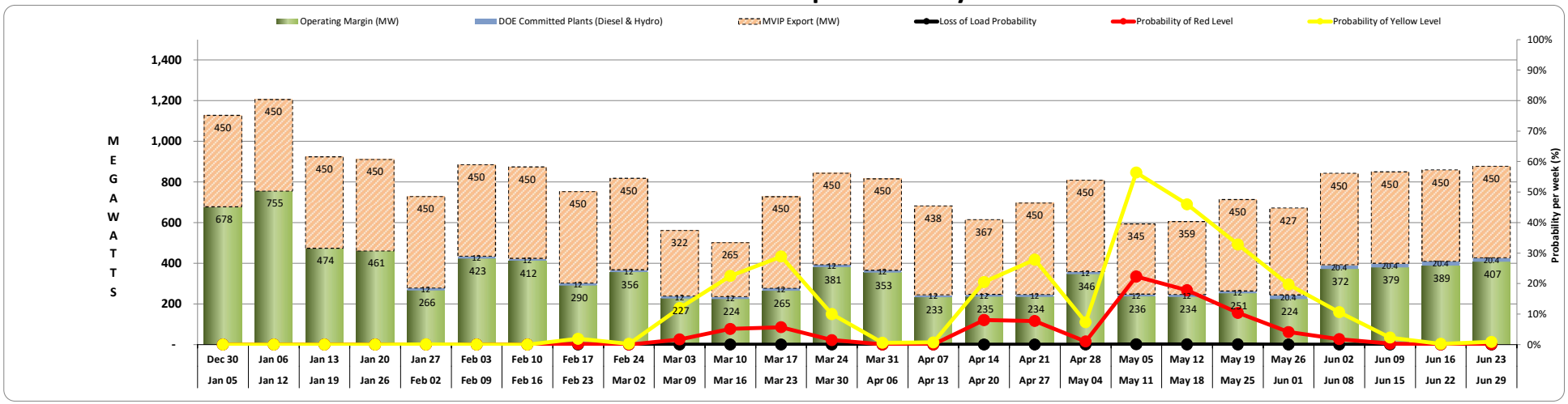
MINDANAO GRID
2025 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2025	JANUARY TO JUNE 2025																									
	Dec 30	Jan 06	Jan 13	Jan 20	Jan 27	Feb 03	Feb 10	Feb 17	Feb 24	Mar 03	Mar 10	Mar 17	Mar 24	Mar 31	Apr 07	Apr 14	Apr 21	Apr 28	May 05	May 12	May 19	May 26	Jun 02	Jun 09	Jun 16	Jun 23
	Jan 05	Jan 12	Jan 19	Jan 26	Feb 02	Feb 09	Feb 16	Feb 23	Mar 02	Mar 09	Mar 16	Mar 23	Mar 30	Apr 06	Apr 13	Apr 20	Apr 27	May 04	May 11	May 18	May 25	Jun 01	Jun 08	Jun 15	Jun 22	Jun 29
Available Generating Capacity (MW)	**3,466**	**3,451**	**3,308**	**3,285**	**3,153**	**3,316**	**3,189**	**3,201**	**3,267**	**3,069**	**2,930**	**3,197**	**3,357**	**3,313**	**3,337**	**3,324**	**3,357**	**3,338**	**3,335**	**3,303**	**3,350**	**3,312**	**3,397**	**3,409**	**3,411**	**3,439**
Coal	*2,043*	*2,043*	*1,938*	*1,938*	*1,803*	*1,908*	*1,803*	*1,938*	*1,938*	*1,714*	*1,614*	*1,919*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*
Geothermal	*102*	*102*	*54*	*54*	*54*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*
Hydro	*430*	*430*	*430*	*410*	*410*	*430*	*400*	*325*	*365*	*364*	*324*	*314*	*324*	*262*	*307*	*292*	*307*	*292*	*292*	*276*	*301*	*272*	*346*	*360*	*360*	*390*
Diesel	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*
Renewable	*269*	*256*	*264*	*261*	*264*	*264*	*269*	*270*	*247*	*267*	*267*	*240*	*266*	*284*	*263*	*265*	*283*	*279*	*276*	*260*	*282*	*273*	*284*	*282*	*284*	*282*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*264*	*261*	*264*	*264*	*264*	*253*	*256*	*256*	*256*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*
System Peak Demand (MW)	**2,338**	**2,246**	**2,385**	**2,375**	**2,437**	**2,443**	**2,327**	**2,461**	**2,461**	**2,521**	**2,440**	**2,482**	**2,526**	**2,510**	**2,667**	**2,722**	**2,673**	**2,542**	**2,753**	**2,710**	**2,649**	**2,660**	**2,575**	**2,579**	**2,572**	**2,582**
Operating Margin (MW)	**1,128**	**1,205**	**924**	**911**	**716**	**873**	**862**	**740**	**806**	**549**	**489**	**715**	**831**	**803**	**670**	**602**	**684**	**796**	**581**	**593**	**701**	**651**	**822**	**829**	**839**	**857**
Net of MVIP Export (MW)	**678**	**755**	**474**	**461**	**278**	**435**	**424**	**302**	**368**	**239**	**236**	**277**	**393**	**365**	**245**	**247**	**246**	**358**	**248**	**246**	**263**	**244**	**393**	**400**	**409**	**427**
Req'd Regulating Reserve	*94*	*90*	*95*	*95*	*97*	*98*	*93*	*98*	*98*	*101*	*98*	*99*	*101*	*100*	*107*	*109*	*107*	*102*	*110*	*108*	*106*	*106*	*103*	*103*	*103*	*103*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*450*	*322*	*265*	*450*	*450*	*450*	*438*	*367*	*450*	*450*	*345*	*359*	*450*	*427*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 2,789 MW to occur in December 2025 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
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4. Capacity Factor for VRE Plants used: 13-22% (average of actual capacity for previous year): Based on 24 hours
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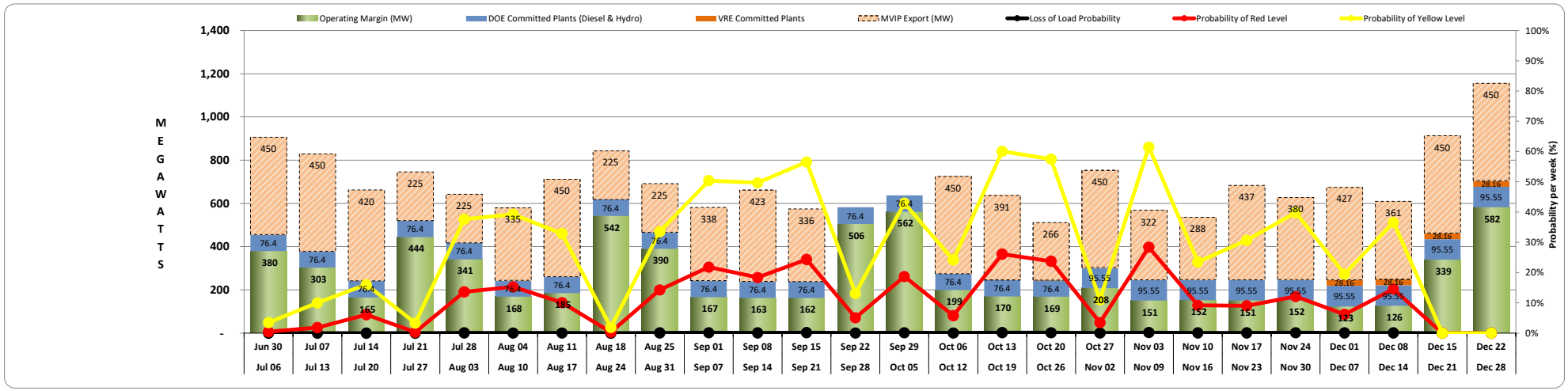
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   - 8.1 Mangima Hydroelectric Power Project (12MW) - target date of commercial operation: February 2025
   - 8.2 Sangali Diesel Power Plant Phase 1 (28MW) - target date of commercial operation: July 2025
   - 8.3 Sangali Diesel Power Plant Phase 2 (28MW) - target date of commercial operation: July 2025
   - 8.4 Maladugao River (Upper Cascade) Hydroelectric Power Project (8.4MW) - target date of commercial operation: June 2025
   - 8.5 Malitbog Hydroelectric Power Project (3.7MW) - target date of commercial operation: November 2025
   - 8.6 Silo-o Hydroelectric Power Project (3.7MW) - target date of commercial operation: November 2025
   - 8.7 Mat-i 1 Hydroelectric Power Project (4.85MW) - target date of commercial operation: November 2025
   - 8.8 Clarin Hydroelectric Power Project (6.9MW) - target date of commercial operation: November 2025
   - 8.9 General Santos Solar Power Project (120MW) - target date of commercial operation: December 2025
   - 8.10 Butuan City 1 Solar Power Project (8MW) - target date of commercial operation: December 2025
9. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2025 for Pole 1, August 21 - 27, 2025 for Pole 2, and September 24 - 30, 2025 for Bipole

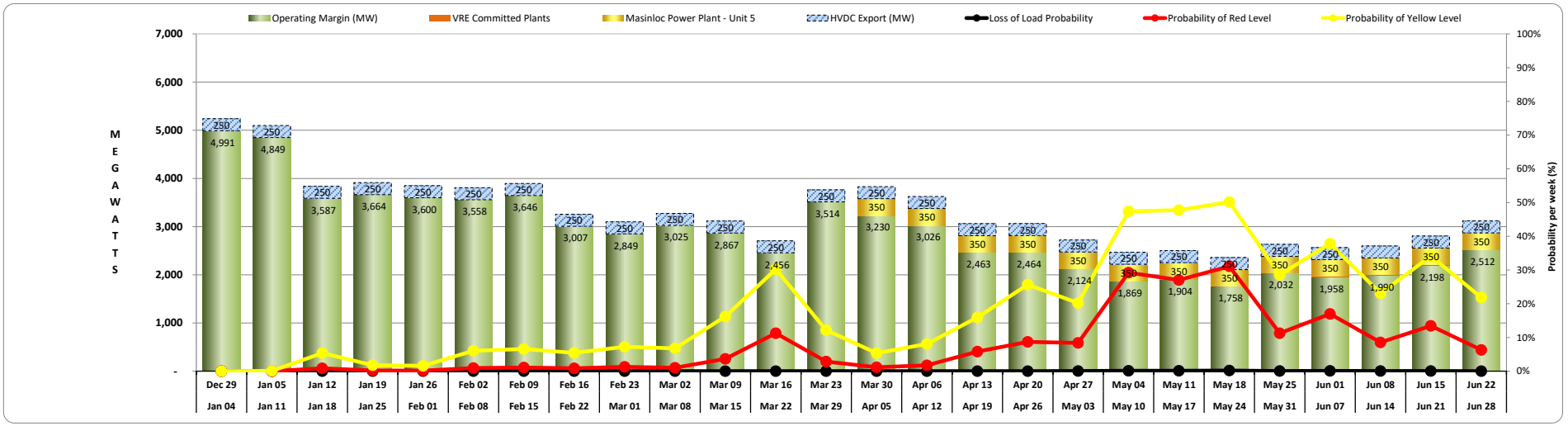
MINDANAO GRID
2025 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2025	JULY TO DECEMBER 2025																									
	Jun 30	Jul 07	Jul 14	Jul 21	Jul 28	Aug 04	Aug 11	Aug 18	Aug 25	Sep 01	Sep 08	Sep 15	Sep 22	Sep 29	Oct 06	Oct 13	Oct 20	Oct 27	Nov 03	Nov 10	Nov 17	Nov 24	Dec 01	Dec 08	Dec 15	Dec 22
	Jul 06	Jul 13	Jul 20	Jul 27	Aug 03	Aug 10	Aug 17	Aug 24	Aug 31	Sep 07	Sep 14	Sep 21	Sep 28	Oct 05	Oct 12	Oct 19	Oct 26	Nov 02	Nov 09	Nov 16	Nov 23	Nov 30	Dec 07	Dec 14	Dec 21	Dec 28
Available Generating Capacity (MW)	**3,455**	**3,305**	**3,179**	**3,269**	**3,267**	**3,165**	**3,121**	**3,305**	**3,210**	**3,130**	**3,119**	**3,013**	**3,160**	**3,300**	**3,269**	**3,259**	**3,109**	**3,278**	**3,186**	**3,176**	**3,307**	**3,270**	**3,277**	**3,276**	**3,418**	**3,483**
Coal	*1,943*	*1,808*	*1,708*	*1,808*	*1,808*	*1,784*	*1,784*	*1,919*	*1,781*	*1,781*	*1,781*	*1,643*	*1,767*	*1,905*	*1,919*	*1,899*	*1,764*	*1,908*	*1,808*	*1,808*	*1,943*	*1,908*	*1,908*	*1,908*	*2,043*	*2,043*
Geothermal	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*98*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*
Hydro	*509*	*509*	*479*	*469*	*469*	*429*	*385*	*389*	*429*	*367*	*357*	*387*	*387*	*402*	*356*	*366*	*351*	*377*	*392*	*392*	*402*	*416*	*391*	*416*	*397*	*462*
Diesel	*359*	*359*	*359*	*359*	*359*	*311*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*352*	*352*	*352*	*352*	*352*
Renewable	*282*	*268*	*268*	*268*	*268*	*282*	*282*	*282*	*283*	*257*	*257*	*258*	*282*	*269*	*269*	*269*	*269*	*269*	*269*	*260*	*245*	*247*	*269*	*243*	*269*	*269*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*261*	*260*	*264*	*264*	*261*	*257*	*257*	*257*	*257*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*256*	*256*	*256*	*246*	*256*	*256*	*256*	*256*
System Peak Demand (MW)	**2,625**	**2,552**	**2,594**	**2,600**	**2,701**	**2,662**	**2,486**	**2,538**	**2,595**	**2,625**	**2,534**	**2,515**	**2,654**	**2,739**	**2,620**	**2,698**	**2,674**	**2,620**	**2,713**	**2,736**	**2,718**	**2,738**	**2,726**	**2,789**	**2,628**	**2,451**
Operating Margin (MW)	**830**	**753**	**586**	**669**	**566**	**503**	**635**	**767**	**615**	**505**	**586**	**498**	**506**	**562**	**649**	**561**	**435**	**658**	**473**	**440**	**588**	**532**	**551**	**487**	**789**	**1,032**
Net of MVIP Export (MW)	**456**	**379**	**242**	**521**	**418**	**244**	**262**	**618**	**467**	**243**	**239**	**239**	**582**	**638**	**275**	**246**	**245**	**304**	**247**	**247**	**247**	**248**	**247**	**250**	**463**	**706**
Req'd Regulating Reserve	*105*	*102*	*104*	*104*	*108*	*106*	*99*	*102*	*104*	*105*	*101*	*101*	*106*	*110*	*105*	*108*	*107*	*105*	*109*	*109*	*109*	*110*	*109*	*112*	*105*	*98*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*450*	*450*	*420*	*225*	*225*	*335*	*450*	*225*	*225*	*338*	*423*	*336*	*0*	*0*	*450*	*391*	*266*	*450*	*322*	*288*	*437*	*380*	*427*	*361*	*450*	*450*

1. Peak Demand Forecast at 2,789 MW to occur in December 2025 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: 13-22% (average of actual capacity for previous year): Based on 24 hours
5. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
6. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
7. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the probability that, at any time during a particular day, there will be at least one hour where the demand exceeds the supply together with the regulating and contingency required reserve level.
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   - 8.1 Mangima Hydroelectric Power Project (12MW) - target date of commercial operation: February 2025
   - 8.2 Sangali Diesel Power Plant Phase 1 (28MW) - target date of commercial operation: July 2025
   - 8.3 Sangali Diesel Power Plant Phase 2 (28MW) - target date of commercial operation: July 2025
   - 8.4 Maladugao River (Upper Cascade) Hydroelectric Power Project (8.4MW) - target date of commercial operation: June 2025
   - 8.5 Malitbog Hydroelectric Power Project (3.7MW) - target date of commercial operation: November 2025
   - 8.6 Silo-o Hydroelectric Power Project (3.7MW) - target date of commercial operation: November 2025
   - 8.7 Mat-i 1 Hydroelectric Power Project (4.85MW) - target date of commercial operation: November 2025
   - 8.8 Clarin Hydroelectric Power Project (6.9MW) - target date of commercial operation: November 2025
   - 8.9 General Santos Solar Power Project (120MW) - target date of commercial operation: December 2025
   - 8.10 Butuan City 1 Solar Power Project (8MW) - target date of commercial operation: December 2025
9. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2025 for Pole 1, August 21 - 27, 2025 for Pole 2, and September 24 - 30, 2025 for Bipole

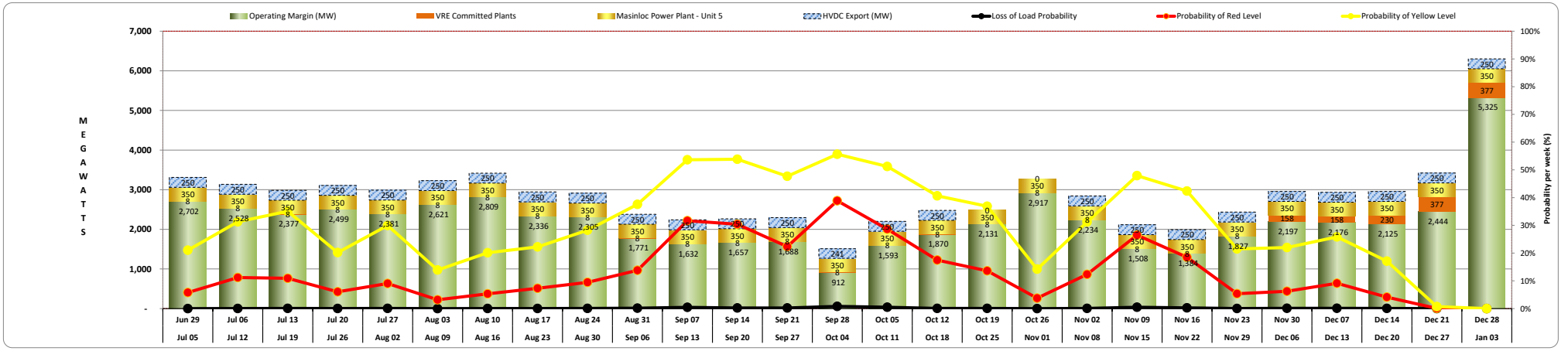
LUZON GRID
2026 Weekly Demand, Supply and Operating Margin Profile



2026	JANUARY TO JUNE 2026																									
	Dec 29 Jan 04	Jan 05 Jan 11	Jan 12 Jan 18	Jan 19 Jan 25	Jan 26 Feb 01	Feb 02 Feb 08	Feb 09 Feb 15	Feb 16 Feb 22	Feb 23 Mar 01	Mar 02 Mar 08	Mar 09 Mar 15	Mar 16 Mar 22	Mar 23 Mar 29	Mar 30 Apr 05	Apr 06 Apr 12	Apr 13 Apr 19	Apr 20 Apr 26	Apr 27 May 03	May 04 May 10	May 11 May 17	May 18 May 24	May 25 May 31	Jun 01 Jun 07	Jun 08 Jun 14	Jun 15 Jun 21	Jun 22 Jun 28
Available Generating Capacity (MW)	**17,128**	**17,852**	**16,805**	**16,829**	**17,037**	**17,061**	**17,257**	**16,781**	**16,827**	**17,224**	**17,277**	**17,047**	**18,253**	**18,125**	**18,069**	**17,833**	**18,114**	**17,968**	**17,802**	**17,831**	**17,633**	**17,827**	**17,697**	**17,646**	**17,764**	**17,988**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*8,288*	*8,288*	*8,018*	*7,702*	*7,852*	*8,239*	*8,359*	*7,814*	*7,814*	*7,964*	*7,964*	*7,964*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*	*9,098*
Gas Turbine/Diesel	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*689*	*624*	*687*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*
Combined Cycle/NatGas	*4,460*	*5,136*	*4,871*	*4,871*	*4,871*	*4,871*	*4,871*	*4,871*	*4,871*	*5,136*	*5,136*	*5,050*	*5,093*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*
Geothermal	*487*	*487*	*487*	*487*	*487*	*467*	*455*	*467*	*467*	*487*	*467*	*467*	*467*	*487*	*487*	*481*	*481*	*481*	*487*	*487*	*400*	*400*	*487*	*465*	*487*	*487*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*411*	*299*	*211*	*258*	*352*	*305*	*129*	*276*	*287*	*170*	*264*	*111*	*123*	*141*	*299*	*100*	*94*	*41*	*100*	*47*	*53*	*94*	*70*	*41*	*41*	*41*
Solar	*416*	*576*	*512*	*480*	*448*	*672*	*576*	*544*	*608*	*672*	*608*	*640*	*640*	*640*	*576*	*544*	*608*	*640*	*608*	*640*	*544*	*608*	*544*	*544*	*640*	*576*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*142*	*142*	*142*	*142*	*142*	*148*	*148*	*148*	*148*	*154*	*136*	*136*	*154*	*154*	*150*	*150*	*154*	*154*	*154*	*154*	*154*	*154*	*154*	*154*	*154*	*154*
Hydro	*2,179*	*2,179*	*1,819*	*2,144*	*2,140*	*1,614*	*1,974*	*1,916*	*1,943*	*2,017*	*2,016*	*1,933*	*1,932*	*1,723*	*1,577*	*1,579*	*1,797*	*1,673*	*1,474*	*1,523*	*1,503*	*1,591*	*1,462*	*1,462*	*1,462*	*1,750*
System Peak Demand (MW)	**11,888**	**12,754**	**12,968**	**12,916**	**13,187**	**13,253**	**13,361**	**13,524**	**13,727**	**13,949**	**14,160**	**14,341**	**14,489**	**14,644**	**14,793**	**15,120**	**15,400**	**15,595**	**15,683**	**15,677**	**15,625**	**15,545**	**15,489**	**15,405**	**15,316**	**15,226**
Operating Margin (MW)	**4,991**	**4,849**	**3,587**	**3,664**	**3,600**	**3,558**	**3,646**	**3,007**	**2,849**	**3,025**	**2,867**	**2,456**	**3,514**	**3,230**	**3,026**	**2,463**	**2,464**	**2,124**	**1,869**	**1,904**	**1,758**	**2,032**	**1,958**	**1,990**	**2,198**	**2,512**
Req'd Regulating Reserve	*476*	*510*	*519*	*517*	*527*	*530*	*534*	*541*	*549*	*558*	*566*	*574*	*580*	*586*	*592*	*605*	*616*	*624*	*627*	*627*	*625*	*622*	*620*	*616*	*613*	*609*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*647*	*647*	*647*	*647*	*647*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

1. Peak Demand Forecast at 15,683 MW to occur in May 2026 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: average of 16% for Solar and 30% for Wind (average of actual capacity for 3 years: 2021 to 2023): Based on 24 hours
5. Consideration of additional capacities of new VRE Plants
6. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
7. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific
8. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the
9. Capacity addition per updates from DOE Luzon Power Committed Project as of June 30, 2024:
   - 9.1 Masinloc Power Plant - Unit 5 (350 MW) - target date of commercial operation: April 2026
   - 9.2 Pasuquin-Burgos 100MW Solar Power Plant (49 MW) - target date of commercial operation: June 2026
   - 9.3 Sapang Balen Solar 2 Power Project (246.604MW) - target date of commercial operation: December 2026
   - 9.4 Ixus Bugallon Solar Power Project (274.735MW) - target date of commercial operation: December 2026
   - 9.5 San Pablo Solar Power Project Phase 2 (79.040MW) - target date of commercial operation: December 2026
   - 9.6 Santa Rosa Nueva Ecija 3 Solar Power Project (20MW) - target date of commercial operation: December 2026
   - 9.7 Linglingay Solar Power Projectt (70.14MW) - target date of commercial operation: December 2026
   - 9.8 NKS One Floating Solar Power Project (90MW) - target date of commercial operation: December 2026
   - 9.9 YH Pangasinan Norte Solar Power Project (6.90MW) - target date of commercial operation: December 2026
   - 9.10 Opus Solar Power Project (149.950MW) - target date of commercial operation: December 2026
   - 9.11 Quezon Wind Power Project (239.990MW) - target date of commercial operation: December 15, 2026
   - 9.12 Camarines Sur Wind Power Project (49.999MW) - target date of commercial operation: December 23, 2026
   - 9.13 Isla Wind Power Project (230MW) - target date of commercial operation: December 24, 2026
   - 9.14 Pangasinan CW 2 Wind Power Project (80MW) - target date of commercial operation: December 26, 2026
   - 9.15 Bataan-Zambales CW Wind Power Project (100MW) - target date of commercial operation: December 26, 2026
   - 9.16 Camarines Sur CW Wind Power Project (30MW) - target date of commercial operation: December 26, 2026
10. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2026.

LUZON GRID
2026 Weekly Demand, Supply and Operating Margin Profile



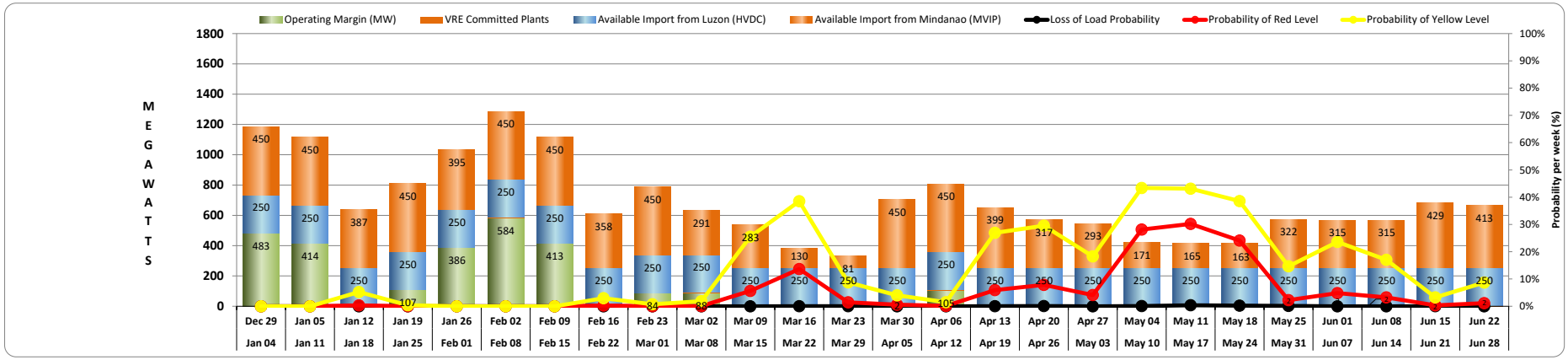
2026	JULY TO DECEMBER 2026																										
	Jun 29	Jul 06	Jul 13	Jul 20	Jul 27	Aug 03	Aug 10	Aug 17	Aug 24	Aug 31	Sep 07	Sep 14	Sep 21	Sep 28	Oct 05	Oct 12	Oct 19	Oct 26	Nov 02	Nov 09	Nov 16	Nov 23	Nov 30	Dec 07	Dec 14	Dec 21	Dec 28
	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	Sep 27	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27	Jan 03
Available Generating Capacity (MW)	**18,080**	**17,785**	**17,503**	**17,525**	**17,380**	**17,665**	**17,916**	**17,473**	**17,434**	**16,894**	**16,789**	**16,883**	**16,974**	**16,207**	**16,872**	**17,106**	**17,074**	**17,826**	**17,367**	**16,629**	**16,499**	**16,910**	**17,187**	**17,010**	**16,784**	**16,785**	**17,745**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*8,948*	*8,566*	*8,416*	*8,416*	*8,295*	*8,677*	*8,670*	*8,588*	*8,251*	*7,801*	*7,485*	*7,717*	*7,872*	*7,206*	*7,816*	*7,816*	*7,816*	*8,451*	*8,206*	*7,388*	*7,388*	*7,628*	*7,924*	*7,924*	*7,774*	*7,774*	*8,720*
Gas Turbine/Diesel	*734*	*674*	*672*	*693*	*742*	*742*	*736*	*740*	*740*	*740*	*736*	*742*	*738*	*638*	*746*	*740*	*740*	*729*	*735*	*746*	*746*	*746*	*596*	*724*	*718*	*746*	*746*
Combined Cycle/NatGas	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*4,820*	*5,076*	*4,818*	*5,076*	*5,076*	*5,076*	*4,990*	*4,870*	*4,870*	*4,871*	*5,136*	*5,136*	*5,046*	*5,046*	*5,046*	*5,046*	*5,136*	*4,812*	*4,736*	*4,736*	*4,671*	*4,460*
Geothermal	*487*	*447*	*387*	*387*	*387*	*347*	*427*	*427*	*427*	*427*	*417*	*447*	*487*	*487*	*447*	*447*	*447*	*447*	*487*	*487*	*400*	*487*	*487*	*487*	*487*	*487*	*487*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*29*	*35*	*29*	*94*	*106*	*276*	*76*	*6*	*76*	*141*	*111*	*23*	*106*	*35*	*88*	*94*	*158*	*323*	*182*	*311*	*305*	*287*	*422*	*258*	*188*	*258*	*488*
Solar	*512*	*544*	*480*	*416*	*320*	*416*	*544*	*512*	*480*	*320*	*576*	*576*	*512*	*578*	*512*	*480*	*384*	*448*	*608*	*544*	*480*	*448*	*576*	*512*	*512*	*480*	*571*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*154*	*154*	*154*	*154*	*154*	*141*	*141*	*141*	*141*	*146*	*146*	*146*	*146*	*154*	*154*	*154*	*154*	*154*	*154*	*136*	*154*	*154*	*154*	*154*	*154*	*154*	*95*
Hydro	*2,080*	*2,230*	*2,229*	*2,230*	*2,241*	*2,246*	*2,246*	*2,241*	*2,243*	*2,243*	*2,241*	*2,242*	*2,243*	*2,239*	*2,239*	*2,239*	*2,239*	*2,228*	*1,950*	*1,972*	*1,981*	*2,024*	*2,216*	*2,216*	*2,216*	*2,216*	*2,179*
System Peak Demand (MW)	**15,128**	**15,008**	**14,876**	**14,776**	**14,749**	**14,793**	**14,857**	**14,887**	**14,879**	**14,873**	**14,907**	**14,975**	**15,036**	**15,054**	**15,029**	**14,986**	**14,944**	**14,908**	**14,883**	**14,871**	**14,865**	**14,832**	**14,739**	**14,584**	**14,409**	**14,092**	**12,170**
Operating Margin (MW)	**2,702**	**2,528**	**2,377**	**2,499**	**2,381**	**2,621**	**2,809**	**2,336**	**2,305**	**1,771**	**1,632**	**1,657**	**1,688**	**912**	**1,593**	**1,870**	**2,131**	**2,917**	**2,234**	**1,508**	**1,384**	**1,827**	**2,197**	**2,176**	**2,125**	**2,444**	**5,325**
Req'd Regulating Reserve	*605*	*600*	*595*	*591*	*590*	*592*	*594*	*595*	*595*	*595*	*596*	*599*	*601*	*602*	*601*	*599*	*598*	*596*	*595*	*595*	*595*	*593*	*590*	*583*	*576*	*564*	*487*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*670*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*647*	*647*	*647*	*668*	*668*	*668*	*668*	*670*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*241*	*250*	*250*	*0*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

1. Peak Demand Forecast at 15,683 MW to occur in May 2026 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: average of 16% for Solar and 30% for Wind (average of actual capacity for 3 years: 2021 to 2023): Based on 24 hours
5. Consideration of additional capacities of new VRE Plants
6. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
7. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will
8. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the probability that, at any time during
9. Capacity addition per updates from DOE Luzon Power Committed Project as of June 30, 2024:
    - 9.1 Masinloc Power Plant - Unit 5 (350 MW) - target date of commercial operation: April 2026
    - 9.2 Pasuquin-Burgos 100MW Solar Power Plant (49 MW) - target date of commercial operation: June 2026
    - 9.3 Sapang Balen Solar 2 Power Project (246.604MW) - target date of commercial operation: December 2026
    - 9.4 Ixus Bugallon Solar Power Project (274.735MW) - target date of commercial operation: December 2026
    - 9.5 San Pablo Solar Power Project Phase 2 (79.040MW) - target date of commercial operation: December 2026
    - 9.6 Santa Rosa Nueva Ecija 3 Solar Power Project (20MW) - target date of commercial operation: December 2026
    - 9.7 Linglingay Solar Power Projectt (70.14MW) - target date of commercial operation: December 2026
    - 9.8 NKS One Floating Solar Power Project (90MW) - target date of commercial operation: December 2026
    - 9.9 YH Pangasinan Norte Solar Power Project (6.90MW) - target date of commercial operation: December 2026
    - 9.10 Opus Solar Power Project (149.950MW) - target date of commercial operation: December 2026
    - 9.11 Quezon Wind Power Project (239.990MW) - target date of commercial operation: December 15, 2026
    - 9.12 Camarines Sur Wind Power Project (49.999MW) - target date of commercial operation: December 23, 2026
    - 9.13 Isla Wind Power Project (230MW) - target date of commercial operation: December 24, 2026
    - 9.14 Pangasinan CW 2 Wind Power Project (80MW) - target date of commercial operation: December 26, 2026
    - 9.15 Bataan-Zambales CW Wind Power Project (100MW) - target date of commercial operation: December 26, 2026
    - 9.16 Camarines Sur CW Wind Power Project (30MW) - target date of commercial operation: December 26, 2026
10. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2026.

VISAYAS GRID

2026 Weekly Demand, Supply and Operating Margin Profile

Afternoon Peak Scenario with 450 MW Import from Mindanao



2026	JANUARY TO JUNE 2026																									
	Dec 29 Jan 04	Jan 05 Jan 11	Jan 12 Jan 18	Jan 19 Jan 25	Jan 26 Feb 01	Feb 02 Feb 08	Feb 09 Feb 15	Feb 16 Feb 22	Feb 23 Mar 01	Mar 02 Mar 08	Mar 09 Mar 15	Mar 16 Mar 22	Mar 23 Mar 29	Mar 30 Apr 05	Apr 06 Apr 12	Apr 13 Apr 19	Apr 20 Apr 26	Apr 27 May 03	May 04 May 10	May 11 May 17	May 18 May 24	May 25 May 31	Jun 01 Jun 07	Jun 08 Jun 14	Jun 15 Jun 21	Jun 22 Jun 28
Available Generating Capacity (MW)	**2,897**	**2,753**	**2,423**	**2,568**	**2,784**	**3,051**	**2,847**	**2,781**	**2,878**	**2,796**	**2,693**	**2,723**	**2,950**	**3,046**	**3,149**	**3,149**	**3,140**	**3,071**	**3,053**	**3,053**	**3,053**	**3,037**	**3,032**	**3,032**	**3,005**	**3,032**
Thermal	*1,171*	*986*	*817*	*817*	*1,049*	*1,321*	*1,152*	*1,070*	*1,070*	*988*	*885*	*967*	*1,136*	*1,218*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*
Geothermal	*834*	*834*	*719*	*834*	*778*	*778*	*758*	*775*	*814*	*814*	*814*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*
Diesel	*300*	*300*	*254*	*285*	*300*	*295*	*280*	*280*	*300*	*300*	*300*	*235*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*288*	*300*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*38*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*72*	*72*	*72*	*73*	*73*	*73*	*73*	*73*
Biomass	*226*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*232*	*214*	*214*	*214*	*214*	*208*	*208*	*208*	*208*
Solar	*193*	*193*	*193*	*193*	*227*	*227*	*227*	*227*	*260*	*260*	*260*	*260*	*260*	*270*	*270*	*270*	*270*	*247*	*247*	*247*	*247*	*222*	*222*	*222*	*207*	*222*
Wind	*48*	*48*	*48*	*48*	*39*	*39*	*39*	*39*	*43*	*43*	*43*	*43*	*43*	*34*	*34*	*34*	*25*	*13*	*13*	*13*	*13*	*22*	*23*	*23*	*23*	*23*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,414**	**2,339**	**2,486**	**2,461**	**2,398**	**2,467**	**2,434**	**2,794**	**2,794**	**2,708**	**2,860**	**2,975**	**3,006**	**3,044**	**3,044**	**3,200**	**3,273**	**3,228**	**3,324**	**3,338**	**3,340**	**3,165**	**3,167**	**3,167**	**3,026**	**3,069**
Operating Margin (MW)	**483**	**414**	**-63**	**107**	**386**	**584**	**413**	**-13**	**84**	**88**	**-167**	**-252**	**-56**	**2**	**105**	**-51**	**-133**	**-157**	**-271**	**-285**	**-287**	**-128**	**-135**	**-135**	**-21**	**-37**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**483**	**414**	**0**	**107**	**386**	**584**	**413**	**0**	**84**	**88**	**0**	**0**	**0**	**2**	**105**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Req'd Regulating Reserve	*97*	*94*	*99*	*98*	*96*	*99*	*97*	*112*	*112*	*108*	*114*	*119*	*120*	*122*	*122*	*128*	*131*	*129*	*133*	*134*	*134*	*127*	*127*	*127*	*121*	*123*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*135*	*135*	*150*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*450*	*395*	*450*	*450*	*371*	*450*	*291*	*450*	*381*	*136*	*450*	*450*	*450*	*450*	*450*	*442*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,340 MW to occur in May 2026 based from the DOE Peak Demand Forecast 2020-2040.
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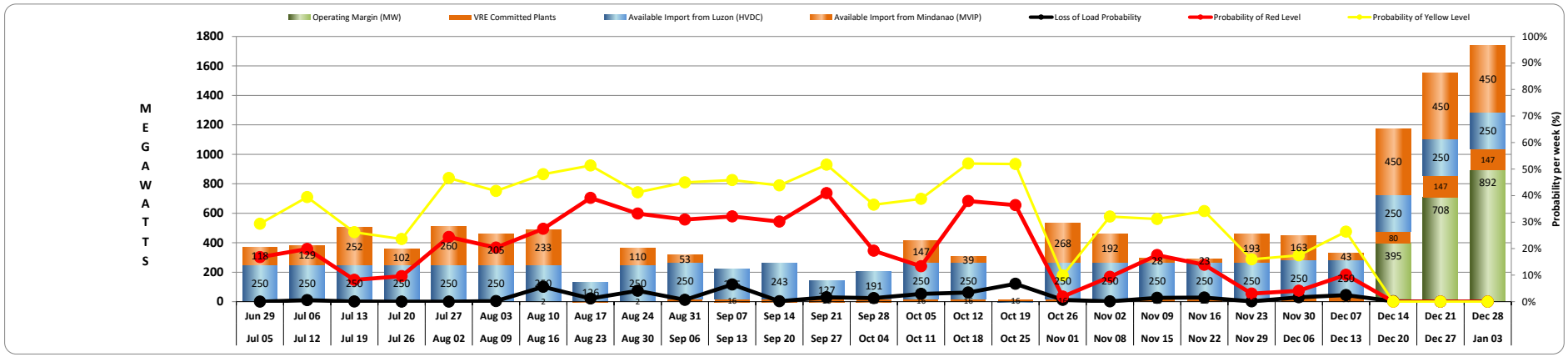
8. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
   - 8.1 Ajuy 1 Solar Power Plant Project (14MW) - target date of commercial operation: January 2026
   - 8.2 Luca Solar Power Project (80MW) - target date of commercial operation: September 2026
   - 8.3 Silay 2b Solar Power Project (20MW) - target date of commercial operation: December 2026
   - 8.4 Toledo Solar Power Project (49MW) - target date of commercial operation: December 2026
   - 8.5 Silay 2a Solar Power Project (30MW) - target date of commercial operation: December 2026
   - 8.6 Silay Solar Power Project (20MW) - target date of commercial operation: December 2026
   - 8.7 Bago Wind Power Project (150MW) - target date of commercial operation: December 26, 2026
   - 8.8 Iloilo CW 1 Wind Power Project (152MW) - target date of commercial operation: December 26, 2026
   - 8.9 Gemini Wind Power Project (200MW) - target date of commercial operation: December 15, 2026
9. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2026.
10. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2026 for Pole 1, August 20 - 26, 2026 for Pole 2, and September 23 - 29, 2026 for Bipole

VISAYAS GRID

2026 Weekly Demand, Supply and Operating Margin Profile

Afternoon Peak Scenario with 450 MW Import from Mindanao



2026	JULY TO DECEMBER 2026																										
	Jun 29 Jul 05	Jul 06 Jul 12	Jul 13 Jul 19	Jul 20 Jul 26	Jul 27 Aug 02	Aug 03 Aug 09	Aug 10 Aug 16	Aug 17 Aug 23	Aug 24 Aug 30	Aug 31 Sep 06	Sep 07 Sep 13	Sep 14 Sep 20	Sep 21 Sep 27	Sep 28 Oct 04	Oct 05 Oct 11	Oct 12 Oct 18	Oct 19 Oct 25	Oct 26 Nov 01	Nov 02 Nov 08	Nov 09 Nov 15	Nov 16 Nov 22	Nov 23 Nov 29	Nov 30 Dec 06	Dec 07 Dec 13	Dec 14 Dec 20	Dec 21 Dec 27	Dec 28 Jan 03
Available Generating Capacity (MW)	**2,790**	**2,741**	**2,814**	**2,995**	**3,019**	**2,965**	**2,958**	**2,832**	**2,879**	**2,938**	**2,867**	**2,891**	**3,032**	**3,075**	**3,028**	**2,985**	**2,954**	**3,102**	**3,092**	**3,060**	**2,977**	**3,072**	**2,948**	**2,942**	**2,948**	**3,094**	**3,100**
Thermal	*1,157*	*1,157*	*1,157*	*1,321*	*1,321*	*1,239*	*1,239*	*1,186*	*1,186*	*1,186*	*1,186*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,218*	*1,218*	*1,218*	*1,321*	*1,321*
Geothermal	*797*	*747*	*797*	*834*	*834*	*834*	*834*	*769*	*834*	*834*	*769*	*704*	*834*	*834*	*798*	*834*	*804*	*834*	*834*	*798*	*726*	*798*	*798*	*798*	*798*	*834*	*834*
Diesel	*276*	*276*	*276*	*280*	*280*	*288*	*282*	*280*	*273*	*282*	*276*	*224*	*235*	*277*	*272*	*201*	*207*	*288*	*277*	*288*	*277*	*293*	*293*	*287*	*293*	*300*	*300*
Power Barges	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*46*	*46*	*52*	*52*	*46*	*46*	*46*	*46*	*46*	*46*	*39*	*39*	*46*	*46*	*46*	*46*	*46*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*208*	*208*	*208*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	*221*	*205*	*221*	*205*	*216*	*236*	*236*	*229*	*228*	*226*	*226*	*226*	*226*	*238*	*233*	*225*	*218*	*227*	*227*	*227*	*227*	*227*	*206*	*206*	*206*	*206*	*206*
Wind	*22*	*31*	*31*	*31*	*35*	*35*	*35*	*35*	*25*	*25*	*25*	*25*	*25*	*19*	*19*	*19*	*19*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**3,122**	**3,062**	**3,012**	**3,118**	**3,209**	**3,210**	**3,125**	**3,181**	**3,219**	**3,199**	**3,260**	**3,248**	**3,155**	**3,273**	**3,203**	**3,169**	**3,146**	**3,146**	**3,257**	**3,244**	**3,210**	**3,181**	**3,161**	**3,139**	**2,553**	**2,386**	**2,208**
Operating Margin (MW)	**-332**	**-321**	**-198**	**-123**	**-190**	**-245**	**-167**	**-349**	**-340**	**-261**	**-393**	**-357**	**-123**	**-198**	**-175**	**-184**	**-192**	**-44**	**-165**	**-184**	**-233**	**-109**	**-213**	**-197**	**395**	**708**	**892**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**395**	**708**	**892**
Req'd Regulating Reserve	*125*	*122*	*120*	*125*	*128*	*128*	*125*	*127*	*129*	*128*	*130*	*130*	*126*	*131*	*128*	*127*	*126*	*126*	*130*	*130*	*128*	*127*	*126*	*126*	*102*	*95*	*88*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*225*	*450*	*450*	*399*	*225*	*450*	*314*	*348*	*350*	*0*	*139*	*322*	*223*	*110*	*312*	*357*	*213*	*256*	*303*	*375*	*241*	*450*	*450*	*450*

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   - 8.3 Silay 2b Solar Power Project (20MW) - target date of commercial operation: December 2026
   - 8.4 Toledo Solar Power Project (49MW) - target date of commercial operation: December 2026
   - 8.5 Silay 2a Solar Power Project (30MW) - target date of commercial operation: December 2026
   - 8.6 Silay Solar Power Project (20MW) - target date of commercial operation: December 2026
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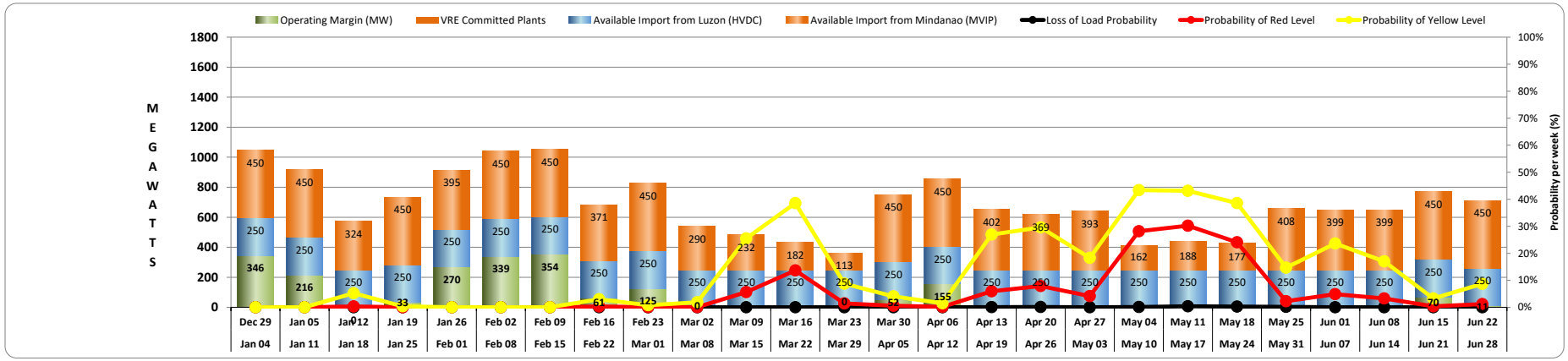
VISAYAS GRID
2026 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



2026	JANUARY TO JUNE 2026																									
	Dec 29	Jan 05	Jan 12	Jan 19	Jan 26	Feb 02	Feb 09	Feb 16	Feb 23	Mar 02	Mar 09	Mar 16	Mar 23	Mar 30	Apr 06	Apr 13	Apr 20	Apr 27	May 04	May 11	May 18	May 25	Jun 01	Jun 08	Jun 15	Jun 22
	Jan 04	Jan 11	Jan 18	Jan 25	Feb 01	Feb 08	Feb 15	Feb 22	Mar 01	Mar 08	Mar 15	Mar 22	Mar 29	Apr 05	Apr 12	Apr 19	Apr 26	May 03	May 10	May 17	May 24	May 31	Jun 07	Jun 14	Jun 21	Jun 28
Available Generating Capacity (MW)	**2,703**	**2,559**	**2,230**	**2,375**	**2,557**	**2,683**	**2,670**	**2,554**	**2,618**	**2,536**	**2,433**	**2,463**	**2,690**	**2,777**	**2,880**	**2,862**	**2,880**	**2,860**	**2,806**	**2,806**	**2,806**	**2,806**	**2,810**	**2,810**	**2,798**	**2,810**
Thermal	*1,171*	*986*	*817*	*817*	*1,049*	*1,218*	*1,152*	*1,070*	*1,070*	*988*	*885*	*967*	*1,136*	*1,218*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*
Geothermal	*834*	*834*	*719*	*834*	*778*	*741*	*808*	*775*	*814*	*814*	*814*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*
Diesel	*300*	*300*	*254*	*285*	*300*	*295*	*280*	*280*	*300*	*300*	*300*	*235*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*300*	*288*	*300*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*38*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*55*	*73*	*73*	*73*	*72*	*72*	*73*	*73*	*73*	*73*	*73*
Biomass	*226*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*214*	*214*	*214*	*214*	*208*	*208*	*208*	*208*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*48*	*48*	*48*	*48*	*39*	*39*	*39*	*39*	*43*	*43*	*43*	*43*	*43*	*34*	*34*	*34*	*34*	*14*	*13*	*13*	*13*	*13*	*23*	*23*	*23*	*23*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,357**	**2,343**	**2,356**	**2,342**	**2,287**	**2,344**	**2,316**	**2,493**	**2,493**	**2,537**	**2,651**	**2,663**	**2,714**	**2,725**	**2,725**	**2,910**	**2,961**	**2,917**	**3,086**	**3,068**	**3,079**	**2,848**	**2,861**	**2,861**	**2,728**	**2,799**
Operating Margin (MW)	**346**	**216**	**-126**	**33**	**270**	**339**	**354**	**61**	**125**	**-1**	**-218**	**-200**	**-24**	**52**	**155**	**-48**	**-81**	**-57**	**-280**	**-262**	**-273**	**-42**	**-51**	**-51**	**70**	**11**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**346**	**216**	**0**	**33**	**270**	**339**	**354**	**61**	**125**	**0**	**0**	**0**	**0**	**52**	**155**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**70**	**11**
Req'd Regulating Reserve	*94*	*94*	*94*	*94*	*91*	*94*	*93*	*100*	*100*	*101*	*106*	*107*	*109*	*109*	*109*	*116*	*118*	*117*	*123*	*123*	*123*	*114*	*114*	*114*	*109*	*112*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*135*	*135*	*150*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*450*	*395*	*450*	*450*	*371*	*450*	*291*	*450*	*381*	*136*	*450*	*450*	*450*	*450*	*450*	*442*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,340 MW to occur in May 2026 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Evening Peak was considered in the outlook, hence, Solar Capacity not included.
5. Capacity Factor for VRE Plants used: average of 17% for Solar and 22% for Wind (average of actual capacity for the previous year): Based on 24 hours
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8. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red
9. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
    - 9.1 Ajuy 1 Solar Power Plant Project (14MW) - target date of commercial operation: January 2026
    - 9.2 Luca Solar Power Project (80MW) - target date of commercial operation: September 2026
    - 9.3 Silay 2b Solar Power Project (20MW) - target date of commercial operation: December 2026
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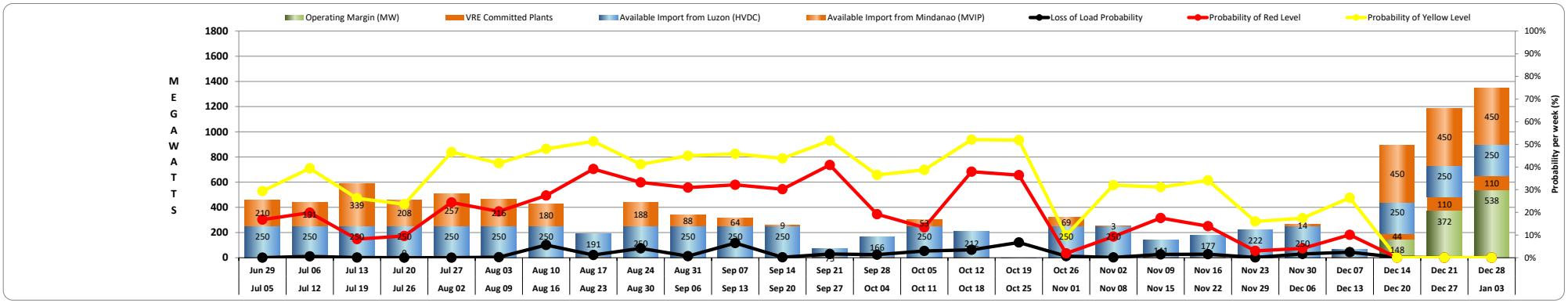
    - 9.5 Silay 2a Solar Power Project (30MW) - target date of commercial operation: December 2026
    - 9.6 Silay Solar Power Project (20MW) - target date of commercial operation: December 2026
    - 9.7 Bago Wind Power Project (150MW) - target date of commercial operation: December 26, 2026
    - 9.8 Iloilo CW 1 Wind Power Project (152MW) - target date of commercial operation: December 26, 2026
    - 9.9 Gemini Wind Power Project (200MW) - target date of commercial operation: December 15, 2026
10. Naga-Ormoc HVDC maintenance schedule is on October 23 - 29, 2026.
11. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2026 for Pole 1, August 20 - 26, 2026 for Pole 2, and September 23 - 29, 2026 for Bipole

VISAYAS GRID
2026 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



2026	JULY TO DECEMBER 2026																									
	Jun 29 Jul 05	Jul 06 Jul 12	Jul 13 Jul 19	Jul 20 Jul 26	Jul 27 Aug 02	Aug 03 Aug 09	Aug 10 Aug 16	Aug 17 Aug 23	Aug 24 Aug 30	Aug 31 Sep 06	Sep 07 Sep 13	Sep 14 Sep 20	Sep 21 Sep 27	Sep 28 Oct 04	Oct 05 Oct 11	Oct 12 Oct 18	Oct 19 Oct 25	Oct 26 Nov 01	Nov 02 Nov 08	Nov 09 Nov 15	Nov 16 Nov 22	Nov 23 Nov 29	Nov 30 Dec 06	Dec 07 Dec 13	Dec 14 Dec 20	Dec 21 Dec 27	Dec 28 Jan 03
Available Generating Capacity (MW)	**2,569**	**2,537**	**2,594**	**2,791**	**2,803**	**2,721**	**2,580**	**2,603**	**2,651**	**2,713**	**2,641**	**2,665**	**2,806**	**2,836**	**2,795**	**2,760**	**2,736**	**2,875**	**2,864**	**2,825**	**2,749**	**2,844**	**2,742**	**2,735**	**2,742**	**2,887**	**2,893**
Thermal	*1,157*	*1,157*	*1,157*	*1,321*	*1,321*	*1,239*	*1,104*	*1,186*	*1,186*	*1,186*	*1,186*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,218*	*1,218*	*1,218*	*1,321*	*1,321*
Geothermal	*797*	*747*	*797*	*834*	*834*	*834*	*834*	*769*	*834*	*834*	*769*	*704*	*834*	*834*	*798*	*834*	*804*	*834*	*834*	*798*	*726*	*798*	*798*	*798*	*798*	*834*	*834*
Diesel	*276*	*276*	*276*	*280*	*280*	*288*	*282*	*280*	*273*	*282*	*276*	*224*	*235*	*277*	*272*	*201*	*207*	*288*	*277*	*288*	*277*	*293*	*293*	*287*	*293*	*300*	*300*
Power Barges	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*46*	*46*	*52*	*52*	*46*	*46*	*46*	*46*	*46*	*46*	*32*	*39*	*46*	*46*	*46*	*46*	*46*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*200*	*200*	*208*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*22*	*31*	*31*	*31*	*35*	*35*	*35*	*35*	*25*	*25*	*25*	*25*	*25*	*19*	*19*	*19*	*19*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*	*47*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,809**	**2,796**	**2,705**	**2,808**	**2,996**	**2,955**	**2,799**	**2,887**	**2,913**	**2,938**	**2,925**	**3,006**	**2,981**	**3,059**	**3,064**	**3,021**	**3,017**	**3,118**	**3,219**	**3,147**	**3,079**	**3,175**	**3,103**	**3,158**	**2,594**	**2,515**	**2,355**
Operating Margin (MW)	**-240**	**-259**	**-111**	**-17**	**-193**	**-234**	**-219**	**-284**	**-262**	**-225**	**-284**	**-341**	**-175**	**-223**	**-269**	**-261**	**-281**	**-243**	**-355**	**-322**	**-330**	**-331**	**-361**	**-423**	**148**	**372**	**538**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**148**	**372**	**538**
Req'd Regulating Reserve	*112*	*112*	*108*	*112*	*120*	*118*	*112*	*115*	*117*	*118*	*117*	*120*	*119*	*122*	*123*	*121*	*121*	*125*	*129*	*126*	*123*	*127*	*124*	*126*	*104*	*101*	*94*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*450*	*225*	*450*	*450*	*399*	*225*	*450*	*314*	*348*	*350*	*0*	*139*	*322*	*223*	*110*	*312*	*357*	*213*	*256*	*303*	*375*	*241*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,340 MW to occur in May 2026 based from the DOE Peak Demand Forecast 2020-2040.
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    - 9.3 Silay 2b Solar Power Project (20MW) - target date of commercial operation: December 2026
    - 9.4 Toledo Solar Power Project (49MW) - target date of commercial operation: December 2026
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    - 9.6 Silay Solar Power Project (20MW) - target date of commercial operation: December 2026
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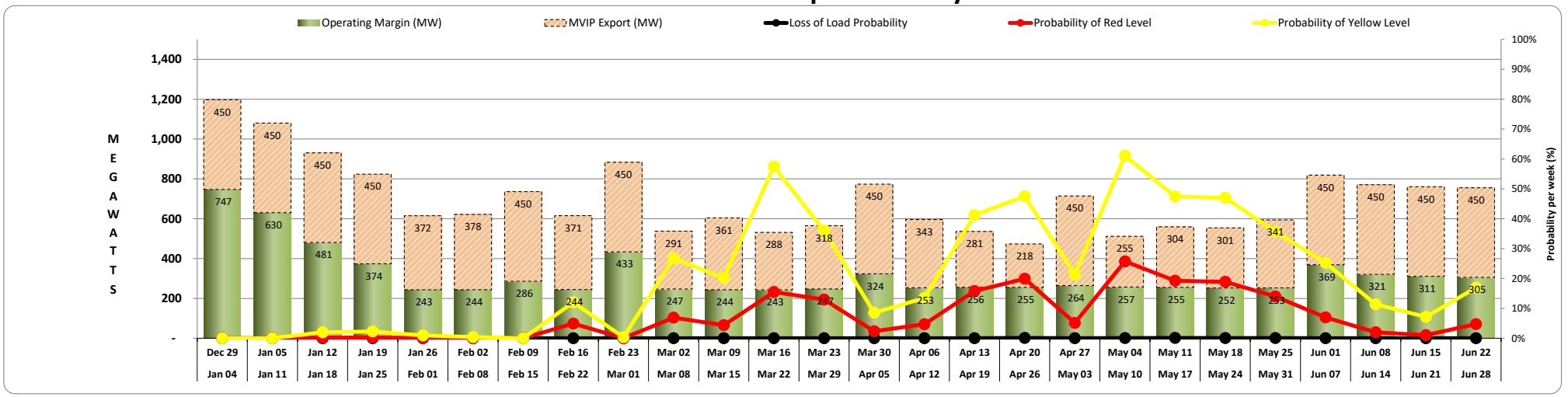
MINDANAO GRID
2026 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2026	JANUARY TO JUNE 2026																								
	Dec 29 Jan 04	Jan 05 Jan 11	Jan 12 Jan 18	Jan 19 Jan 25	Jan 26 Feb 01	Feb 02 Feb 08	Feb 09 Feb 15	Feb 16 Feb 22	Feb 23 Mar 01	Mar 02 Mar 08	Mar 09 Mar 15	Mar 16 Mar 22	Mar 23 Mar 29	Mar 30 Apr 05	Apr 06 Apr 12	Apr 13 Apr 19	Apr 20 Apr 26	Apr 27 May 03	May 04 May 10	May 11 May 17	May 18 May 24	May 25 May 31	Jun 01 Jun 07	Jun 08 Jun 14	Jun 15 Jun 21	Jun 22 Jun 28
Available Generating Capacity (MW)	**3,497**	**3,510**	**3,509**	**3,267**	**3,250**	**3,262**	**3,252**	**3,276**	**3,478**	**3,262**	**3,243**	**3,156**	**3,296**	**3,488**	**3,478**	**3,478**	**3,399**	**3,460**	**3,487**	**3,487**	**3,416**	**3,466**	**3,601**	**3,559**	**3,541**	**3,546**
Coal	*2,043*	*2,043*	*2,043*	*1,803*	*1,803*	*1,803*	*1,803*	*1,938*	*2,043*	*1,919*	*1,919*	*1,819*	*1,943*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*
Geothermal	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*98*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*
Hydro	*430*	*430*	*430*	*430*	*410*	*410*	*400*	*390*	*390*	*364*	*324*	*314*	*304*	*304*	*292*	*307*	*307*	*277*	*307*	*307*	*322*	*281*	*415*	*371*	*360*	*360*
Diesel	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*263*	*359*	*311*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*
Renewable	*300*	*313*	*312*	*310*	*313*	*325*	*325*	*320*	*321*	*307*	*323*	*299*	*325*	*417*	*419*	*404*	*325*	*416*	*413*	*413*	*327*	*418*	*419*	*421*	*414*	*419*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*264*
System Peak Demand (MW)	**2,300**	**2,430**	**2,579**	**2,443**	**2,635**	**2,641**	**2,516**	**2,660**	**2,594**	**2,725**	**2,638**	**2,625**	**2,731**	**2,714**	**2,882**	**2,942**	**2,925**	**2,746**	**2,975**	**2,928**	**2,862**	**2,872**	**2,782**	**2,788**	**2,780**	**2,791**
Operating Margin (MW)	**1,197**	**1,080**	**931**	**824**	**615**	**622**	**736**	**615**	**883**	**538**	**604**	**531**	**565**	**774**	**596**	**536**	**473**	**714**	**512**	**559**	**554**	**594**	**819**	**771**	**761**	**755**
Net of MVIP Export (MW)	**747**	**630**	**481**	**374**	**243**	**244**	**286**	**244**	**433**	**247**	**244**	**243**	**247**	**324**	**253**	**256**	**255**	**264**	**257**	**255**	**252**	**253**	**369**	**321**	**311**	**305**
Req'd Regulating Reserve	*92*	*97*	*103*	*98*	*105*	*106*	*101*	*106*	*104*	*109*	*106*	*105*	*109*	*109*	*115*	*118*	*117*	*110*	*119*	*117*	*114*	*115*	*111*	*112*	*111*	*112*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*450*	*450*	*450*	*450*	*372*	*378*	*450*	*371*	*450*	*291*	*361*	*288*	*318*	*450*	*343*	*281*	*218*	*450*	*255*	*304*	*301*	*341*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,013 MW to occur in December 2026 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
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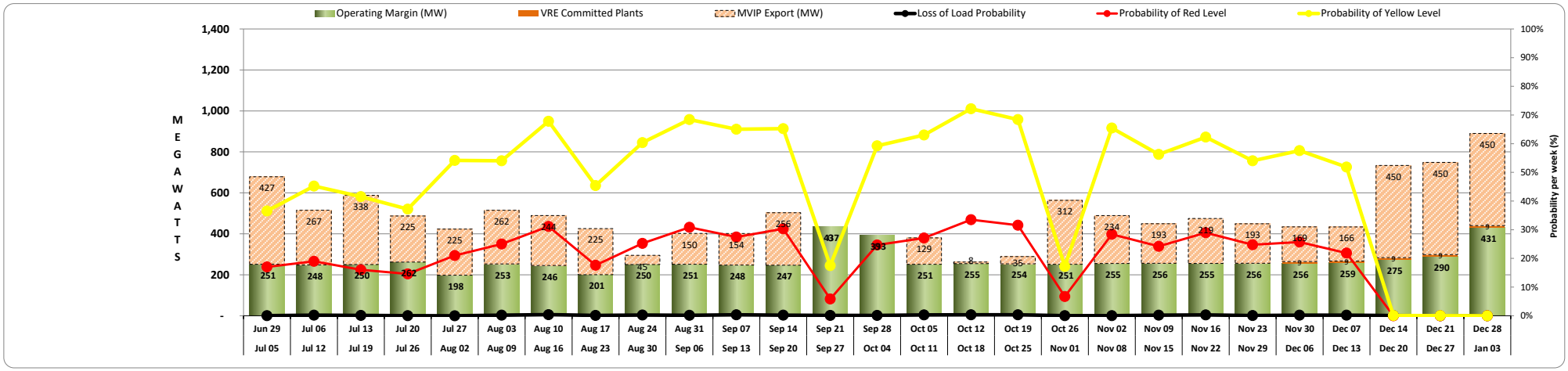
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   8.1 Tantangan Solar Power Project (40MW) - target date of commercial operation: December 2026
9. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2026 for Pole 1, August 20 - 26, 2026 for Pole 2, and September 23 - 29, 2026 for Bipole

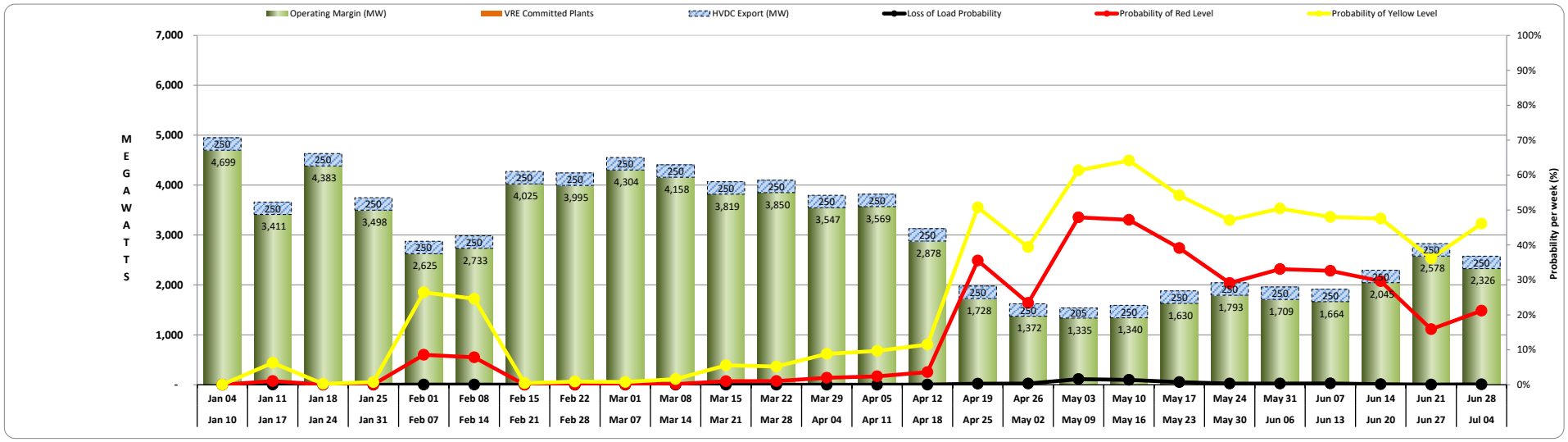
MINDANAO GRID
2026 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2026	JULY TO DECEMBER 2026																										
	Jun 29	Jul 06	Jul 13	Jul 20	Jul 27	Aug 03	Aug 10	Aug 17	Aug 24	Aug 31	Sep 07	Sep 14	Sep 21	Sep 28	Oct 05	Oct 12	Oct 19	Oct 26	Nov 02	Nov 09	Nov 16	Nov 23	Nov 30	Dec 07	Dec 14	Dec 21	Dec 28
	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	Sep 27	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27	Jan 03
Available Generating Capacity (MW)	**3,516**	**3,274**	**3,391**	**3,298**	**3,341**	**3,392**	**3,177**	**3,183**	**3,100**	**3,239**	**3,140**	**3,222**	**3,305**	**3,352**	**3,211**	**3,177**	**3,178**	**3,394**	**3,420**	**3,405**	**3,412**	**3,408**	**3,371**	**3,438**	**3,565**	**3,565**	**3,552**
Coal	*1,943*	*1,808*	*1,808*	*1,703*	*1,838*	*1,838*	*1,719*	*1,719*	*1,546*	*1,670*	*1,670*	*1,670*	*1,805*	*1,888*	*1,750*	*1,770*	*1,770*	*1,908*	*1,943*	*1,943*	*1,943*	*1,919*	*1,919*	*2,043*	*2,043*	*2,043*	*2,043*
Geothermal	*98*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*
Hydro	*449*	*449*	*479*	*469*	*469*	*429*	*429*	*389*	*429*	*429*	*422*	*412*	*452*	*412*	*412*	*407*	*407*	*437*	*416*	*401*	*416*	*432*	*391*	*351*	*462*	*462*	*462*
Diesel	*359*	*359*	*359*	*359*	*359*	*352*	*256*	*304*	*352*	*359*	*359*	*359*	*359*	*359*	*359*	*311*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*
Renewable	*421*	*314*	*400*	*419*	*328*	*419*	*419*	*419*	*419*	*419*	*328*	*419*	*328*	*328*	*325*	*324*	*325*	*325*	*337*	*337*	*337*	*332*	*336*	*320*	*336*	*336*	*324*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*246*	*242*	*244*	*246*	*246*	*253*	*253*	*250*	*253*	*260*	*260*	*260*	*260*	*264*	*264*	*264*	*264*	*264*	*264*	*264*	*256*	*264*	*264*	*264*	*264*	*264*	*264*
System Peak Demand (MW)	**2,837**	**2,759**	**2,803**	**2,811**	**2,918**	**2,877**	**2,688**	**2,757**	**2,805**	**2,837**	**2,739**	**2,719**	**2,869**	**2,959**	**2,831**	**2,915**	**2,889**	**2,831**	**2,930**	**2,956**	**2,937**	**2,959**	**2,946**	**3,013**	**2,840**	**2,825**	**2,671**
Operating Margin (MW)	**679**	**515**	**588**	**487**	**423**	**515**	**489**	**426**	**295**	**402**	**402**	**503**	**437**	**393**	**380**	**262**	**289**	**563**	**489**	**449**	**475**	**449**	**425**	**425**	**725**	**740**	**881**
Net of MVIP Export (MW)	**251**	**248**	**250**	**262**	**198**	**253**	**246**	**201**	**250**	**251**	**248**	**247**	**437**	**393**	**251**	**255**	**254**	**251**	**255**	**256**	**255**	**256**	**256**	**259**	**275**	**290**	**431**
Req'd Regulating Reserve	*113*	*110*	*112*	*112*	*117*	*115*	*108*	*110*	*112*	*113*	*110*	*109*	*115*	*118*	*113*	*117*	*116*	*113*	*117*	*118*	*117*	*118*	*118*	*121*	*114*	*113*	*107*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*427*	*267*	*338*	*225*	*225*	*262*	*244*	*225*	*45*	*150*	*154*	*256*	*0*	*0*	*129*	*8*	*35*	*312*	*234*	*193*	*219*	*193*	*169*	*166*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,013 MW to occur in December 2026 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: 13-22% (average of actual capacity for previous year): Based on 24 hours
5. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
6. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific
7. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   8.1 Tantangan Solar Power Project (40MW) - target date of commercial operation: December 2026
9. Lala-Dumanjug HVDC maintenance schedule is on July 23 - 29, 2026 for Pole 1, August 20 - 26, 2026 for Pole 2, and September 23 - 29, 2026 for Bipole

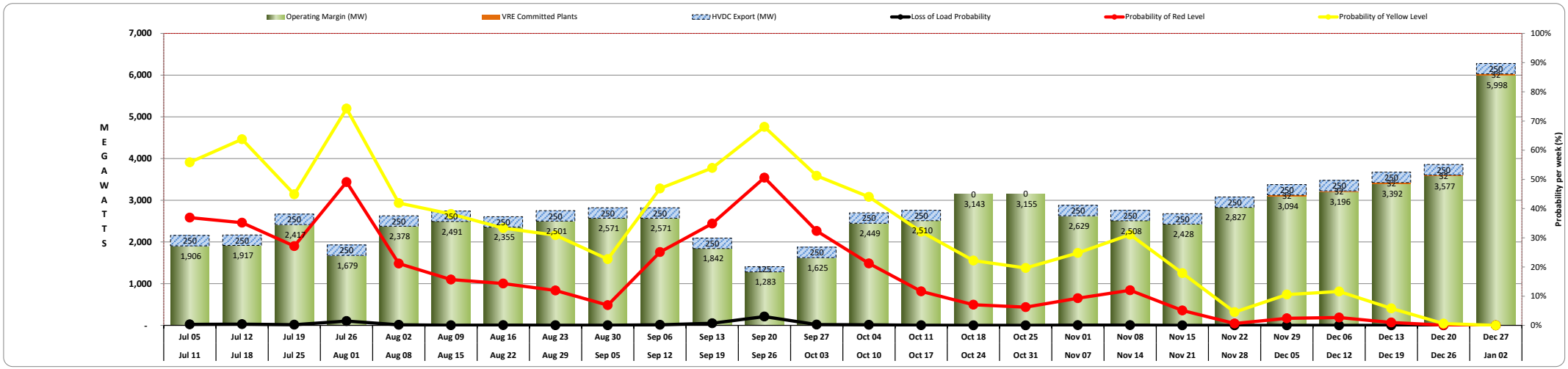
LUZON GRID
2027 Weekly Demand, Supply and Operating Margin Profile



2027	JANUARY TO JUNE 2027																									
	Jan 04	Jan 11	Jan 18	Jan 25	Feb 01	Feb 08	Feb 15	Feb 22	Mar 01	Mar 08	Mar 15	Mar 22	Mar 29	Apr 05	Apr 12	Apr 19	Apr 26	May 03	May 10	May 17	May 24	May 31	Jun 07	Jun 14	Jun 21	Jun 28
	Jan 10	Jan 17	Jan 24	Jan 31	Feb 07	Feb 14	Feb 21	Feb 28	Mar 07	Mar 14	Mar 21	Mar 28	Apr 04	Apr 11	Apr 18	Apr 25	May 02	May 09	May 16	May 23	May 30	Jun 06	Jun 13	Jun 20	Jun 27	Jul 04
Available Generating Capacity (MW)	**17,778**	**16,655**	**17,588**	**17,026**	**16,190**	**16,412**	**17,899**	**18,100**	**18,488**	**18,458**	**18,482**	**18,604**	**18,380**	**18,596**	**18,219**	**18,237**	**18,149**	**18,204**	**18,199**	**18,221**	**18,223**	**18,086**	**17,984**	**18,273**	**18,381**	**18,057**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*8,255*	*7,985*	*8,440*	*7,922*	*7,777*	*8,020*	*8,688*	*8,688*	*8,988*	*8,988*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*9,448*	*8,998*
Gas Turbine/Diesel	*746*	*746*	*746*	*746*	*736*	*736*	*673*	*679*	*688*	*736*	*740*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*740*
Combined Cycle/NatGas	*5,136*	*4,736*	*4,736*	*4,676*	*4,471*	*4,676*	*5,136*	*5,136*	*5,136*	*5,136*	*5,093*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*5,036*
Geothermal	*487*	*457*	*457*	*457*	*457*	*380*	*380*	*467*	*447*	*447*	*447*	*447*	*467*	*467*	*467*	*461*	*481*	*481*	*487*	*487*	*487*	*487*	*447*	*487*	*487*	*487*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*417*	*283*	*472*	*456*	*393*	*63*	*370*	*409*	*496*	*354*	*149*	*260*	*189*	*511*	*87*	*110*	*63*	*134*	*118*	*39*	*55*	*94*	*55*	*87*	*55*	*39*
Solar	*464*	*535*	*499*	*535*	*642*	*464*	*606*	*678*	*678*	*678*	*713*	*678*	*713*	*606*	*571*	*642*	*678*	*678*	*713*	*678*	*713*	*606*	*606*	*642*	*642*	*571*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*95*	*95*	*95*	*95*	*101*	*101*	*101*	*101*	*107*	*107*	*107*	*107*	*103*	*103*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*88*	*88*	*107*	*107*
Hydro	*2,179*	*1,819*	*2,144*	*2,140*	*1,614*	*1,974*	*1,946*	*1,943*	*1,949*	*2,013*	*1,785*	*1,783*	*1,578*	*1,579*	*1,659*	*1,587*	*1,491*	*1,476*	*1,445*	*1,581*	*1,531*	*1,462*	*1,458*	*1,640*	*1,761*	*2,080*
System Peak Demand (MW)	**12,828**	**12,994**	**12,955**	**13,277**	**13,315**	**13,429**	**13,624**	**13,855**	**13,934**	**14,050**	**14,413**	**14,504**	**14,583**	**14,777**	**15,091**	**16,259**	**16,526**	**16,665**	**16,609**	**16,342**	**16,180**	**16,127**	**16,070**	**15,978**	**15,553**	**15,481**
Operating Margin (MW)	**4,699**	**3,411**	**4,383**	**3,498**	**2,625**	**2,733**	**4,025**	**3,995**	**4,304**	**4,158**	**3,819**	**3,850**	**3,547**	**3,569**	**2,878**	**1,728**	**1,372**	**1,335**	**1,340**	**1,630**	**1,793**	**1,709**	**1,664**	**2,045**	**2,578**	**2,326**
Req'd Regulating Reserve	*513*	*520*	*518*	*531*	*533*	*537*	*545*	*554*	*557*	*562*	*577*	*580*	*583*	*591*	*604*	*650*	*661*	*667*	*664*	*654*	*647*	*645*	*643*	*639*	*622*	*619*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*647*	*647*	*647*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*205*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

1. Peak Demand Forecast at 16,665 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: average of 16% for Solar and 30% for Wind (average of actual capacity for 3 years: 2021 to 2023): Based on 24 hours
5. Consideration of additional capacities of new VRE Plants
6. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
7. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
8. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the probability that, at any time during a particular day, there will be at least one hour where the demand exceeds the supply together with the regulating and contingency required reserve level.
9. Capacity addition per updates from DOE Luzon Power Committed Project as of June 30, 2024:
   - 9.1 YH Camarines Norte Solar Power Plant (8 MW) - target date of commercial operation: December 2027
   - 9.2 Kalayaan 2 Wind Power Project (100.80 MW) - target date of commercial operation: December 01, 2027
10. Naga-Ormoc HVDC maintenance schedule is on October 21 - 27, 2027.

LUZON GRID
2027 Weekly Demand, Supply and Operating Margin Profile



2027	JULY TO DECEMBER 2027																									
	Jul 05 Jul 11	Jul 12 Jul 18	Jul 19 Jul 25	Jul 26 Aug 01	Aug 02 Aug 08	Aug 09 Aug 15	Aug 16 Aug 22	Aug 23 Aug 29	Aug 30 Sep 05	Sep 06 Sep 12	Sep 13 Sep 19	Sep 20 Sep 26	Sep 27 Oct 03	Oct 04 Oct 10	Oct 11 Oct 17	Oct 18 Oct 24	Oct 25 Oct 31	Nov 01 Nov 07	Nov 08 Nov 14	Nov 15 Nov 21	Nov 22 Nov 28	Nov 29 Dec 05	Dec 06 Dec 12	Dec 13 Dec 19	Dec 20 Dec 26	Dec 27 Jan 02
Available Generating Capacity (MW)	**17,592**	**17,454**	**17,928**	**17,175**	**17,881**	**18,020**	**17,886**	**18,078**	**18,141**	**18,141**	**17,433**	**16,793**	**17,153**	**17,932**	**17,904**	**18,223**	**18,192**	**17,907**	**17,793**	**17,784**	**18,033**	**18,232**	**18,228**	**17,976**	**17,706**	**18,589**
Thermal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal	*8,616*	*8,616*	*8,916*	*7,977*	*8,877*	*8,877*	*8,788*	*8,788*	*8,945*	*8,945*	*8,137*	*7,793*	*8,229*	*8,529*	*8,529*	*8,873*	*8,561*	*8,556*	*8,406*	*8,651*	*8,651*	*8,501*	*8,501*	*8,501*	*8,501*	*9,298*
Gas Turbine/Diesel	*740*	*530*	*746*	*746*	*740*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*746*	*596*	*718*	*708*	*746*	*746*
Combined Cycle/NatGas	*4,936*	*4,936*	*4,880*	*5,136*	*4,618*	*4,876*	*4,876*	*5,076*	*5,076*	*5,076*	*5,050*	*4,828*	*4,605*	*5,136*	*5,136*	*5,136*	*5,136*	*5,136*	*4,872*	*4,872*	*5,136*	*5,136*	*5,136*	*5,136*	*4,671*	*4,613*
Geothermal	*465*	*465*	*465*	*465*	*465*	*465*	*465*	*487*	*487*	*487*	*487*	*380*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*	*487*
HVDC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind Farm	*47*	*39*	*126*	*142*	*370*	*102*	*63*	*102*	*189*	*189*	*31*	*142*	*142*	*118*	*126*	*212*	*433*	*244*	*417*	*409*	*385*	*566*	*511*	*252*	*480*	*629*
Solar	*606*	*535*	*464*	*357*	*464*	*606*	*606*	*535*	*357*	*357*	*642*	*571*	*606*	*571*	*535*	*428*	*499*	*678*	*606*	*535*	*499*	*642*	*571*	*571*	*499*	*499*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biomass	*107*	*107*	*107*	*107*	*101*	*101*	*101*	*101*	*99*	*99*	*99*	*99*	*99*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*107*	*88*	*88*	*107*	*107*	*107*
Hydro	*2,076*	*2,227*	*2,225*	*2,246*	*2,246*	*2,246*	*2,241*	*2,243*	*2,243*	*2,243*	*2,242*	*2,236*	*2,239*	*2,239*	*2,239*	*2,235*	*2,224*	*1,954*	*2,152*	*1,978*	*2,022*	*2,216*	*2,216*	*2,216*	*2,216*	*2,210*
System Peak Demand (MW)	**15,436**	**15,287**	**15,261**	**15,246**	**15,254**	**15,279**	**15,281**	**15,327**	**15,320**	**15,320**	**15,341**	**15,384**	**15,278**	**15,233**	**15,144**	**15,081**	**15,037**	**15,028**	**15,035**	**15,106**	**14,956**	**14,888**	**14,781**	**14,334**	**13,879**	**12,341**
Operating Margin (MW)	**1,906**	**1,917**	**2,417**	**1,679**	**2,378**	**2,491**	**2,355**	**2,501**	**2,571**	**2,571**	**1,842**	**1,283**	**1,625**	**2,449**	**2,510**	**3,143**	**3,155**	**2,629**	**2,508**	**2,428**	**2,827**	**3,094**	**3,196**	**3,392**	**3,577**	**5,998**
Req'd Regulating Reserve	*617*	*611*	*610*	*610*	*610*	*611*	*611*	*613*	*613*	*613*	*614*	*615*	*611*	*609*	*606*	*603*	*601*	*601*	*601*	*604*	*598*	*596*	*591*	*573*	*555*	*494*
Req'd Contingency Reserve	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
Req'd Dispatchable Reserve	*668*	*668*	*668*	*647*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*	*668*
HVDC Export (MW)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*125*	*250*	*250*	*250*	*0*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*

1. Peak Demand Forecast at 16,665 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: average of 16% for Solar and 30% for Wind (average of actual capacity for 3 years: 2021 to 2023): Based on 24 hours
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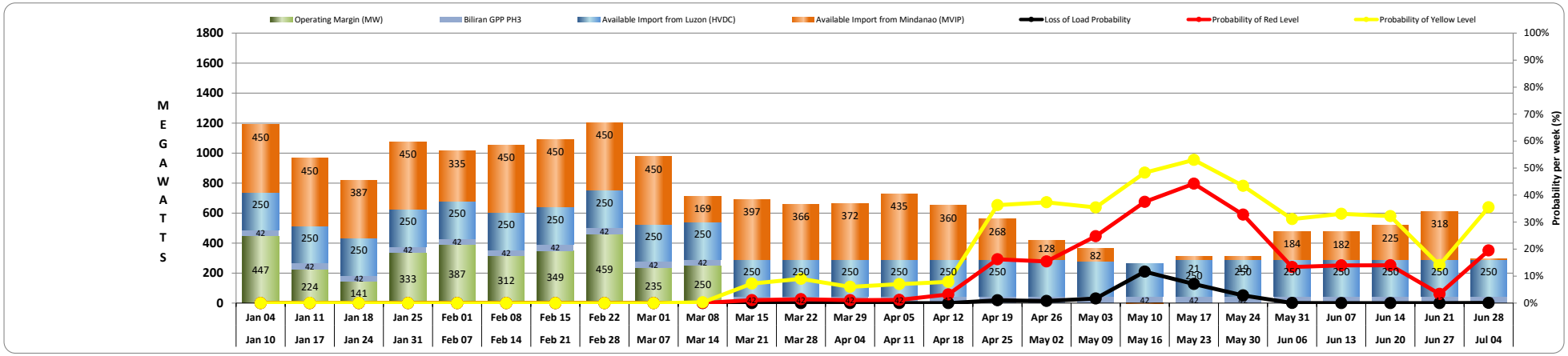
9. Capacity addition per updates from DOE Luzon Power Committed Project as of June 30, 2024:
   - 9.1 YH Camarines Norte Solar Power Plant (8 MW) - target date of commercial operation: December 2027
   - 9.2 Kalayaan 2 Wind Power Project (100.80 MW) - target date of commercial operation: December 01, 2027
10. Naga-Ormoc HVDC maintenance schedule is on October 21 - 27, 2027.

VISAYAS GRID

2027 Weekly Demand, Supply and Operating Margin Profile

Afternoon Peak Scenario with 450 MW Import from Mindanao



2027	JANUARY TO JUNE 2027																								
	Jan 04 Jan 10	Jan 11 Jan 17	Jan 18 Jan 24	Jan 25 Jan 31	Feb 01 Feb 07	Feb 08 Feb 14	Feb 15 Feb 21	Feb 22 Feb 28	Mar 01 Mar 07	Mar 08 Mar 14	Mar 15 Mar 21	Mar 22 Mar 28	Mar 29 Apr 04	Apr 05 Apr 11	Apr 12 Apr 18	Apr 19 Apr 25	Apr 26 May 02	May 03 May 09	May 10 May 16	May 17 May 23	May 24 May 30	May 31 Jun 06	Jun 07 Jun 13	Jun 14 Jun 20	Jun 21 Jun 27	Jun 28 Jul 04
Available Generating Capacity (MW)	**3,039**	**2,736**	**2,811**	**2,976**	**2,962**	**2,962**	**2,963**	**3,208**	**3,236**	**3,160**	**3,019**	**3,111**	**3,150**	**3,253**	**3,253**	**3,253**	**3,206**	**3,154**	**3,154**	**3,154**	**3,154**	**3,131**	**3,131**	**3,109**	**3,117**	**2,847**
Thermal	*1,171*	*1,002*	*1,002*	*1,152*	*1,070*	*1,070*	*1,070*	*1,321*	*1,321*	*1,239*	*1,136*	*1,218*	*1,218*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,136*
Geothermal	*834*	*747*	*791*	*791*	*828*	*828*	*829*	*791*	*828*	*834*	*797*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*765*
Diesel	*346*	*300*	*331*	*346*	*346*	*346*	*346*	*346*	*336*	*336*	*336*	*336*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*317*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*45*	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*72*	*73*	*72*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*232*	*267*	*267*	*267*	*267*	*267*	*214*	*214*	*214*	*214*	*208*	*208*	*200*	*208*	*208*
Solar	*215*	*215*	*215*	*215*	*252*	*252*	*252*	*288*	*288*	*288*	*288*	*288*	*301*	*301*	*301*	*301*	*276*	*276*	*276*	*276*	*276*	*246*	*246*	*232*	*232*	*241*
Wind	*82*	*82*	*82*	*82*	*75*	*75*	*75*	*78*	*78*	*78*	*78*	*78*	*60*	*60*	*60*	*60*	*38*	*38*	*38*	*38*	*38*	*51*	*51*	*51*	*51*	*56*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,592**	**2,512**	**2,670**	**2,643**	**2,575**	**2,650**	**2,614**	**2,749**	**3,001**	**2,910**	**3,072**	**3,195**	**3,228**	**3,268**	**3,343**	**3,435**	**3,494**	**3,522**	**3,568**	**3,583**	**3,585**	**3,397**	**3,399**	**3,334**	**3,249**	**3,294**
Operating Margin (MW)	**447**	**224**	**141**	**333**	**387**	**312**	**349**	**459**	**235**	**250**	**-53**	**-84**	**-78**	**-15**	**-90**	**-182**	**-288**	**-368**	**-414**	**-429**	**-431**	**-266**	**-268**	**-225**	**-132**	**-447**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**447**	**224**	**141**	**333**	**387**	**312**	**349**	**459**	**235**	**250**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Req'd Regulating Reserve	*104*	*100*	*107*	*106*	*103*	*106*	*105*	*110*	*120*	*116*	*123*	*128*	*129*	*131*	*134*	*137*	*140*	*141*	*143*	*143*	*143*	*136*	*136*	*133*	*130*	*132*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*239*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*387*	*450*	*335*	*450*	*450*	*450*	*450*	*169*	*450*	*450*	*450*	*450*	*450*	*450*	*416*	*450*	*385*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,585 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
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4. Capacity Factor for VRE Plants used: average of 17% for Solar and 22% for Wind (average of actual capacity for the previous year): Based on 24 hours
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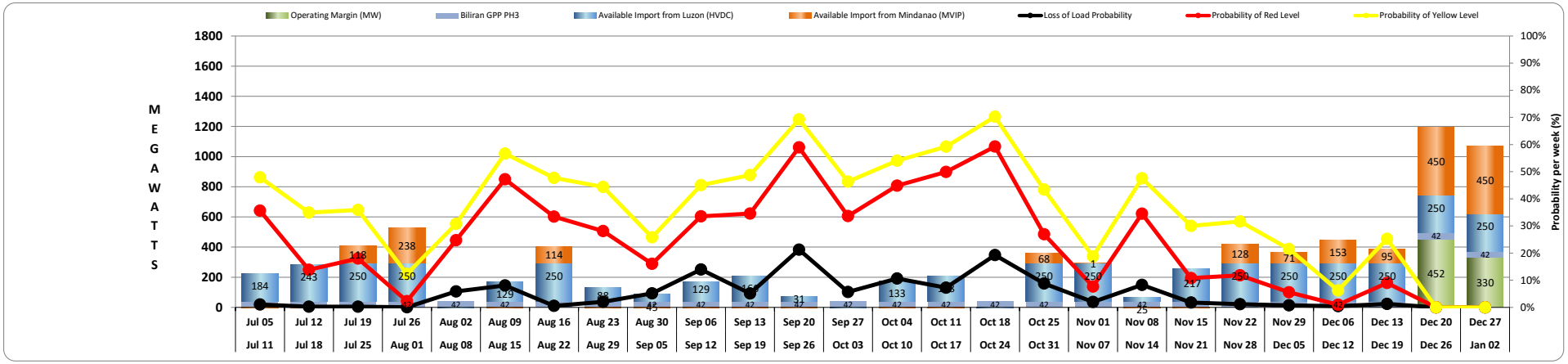
9. Naga-Ormoc HVDC maintenance schedule is on October 21 - 27, 2027.
10. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.

VISAYAS GRID

2027 Weekly Demand, Supply and Operating Margin Profile

Afternoon Peak Scenario with 450 MW Import from Mindanao



2027	JULY TO DECEMBER 2027																								
	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	Sep 27	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27
	Jul 11	Jul 18	Jul 25	Aug 01	Aug 08	Aug 15	Aug 22	Aug 29	Sep 05	Sep 12	Sep 19	Sep 26	Oct 03	Oct 10	Oct 17	Oct 24	Oct 31	Nov 07	Nov 14	Nov 21	Nov 28	Dec 05	Dec 12	Dec 19	Dec 26	Jan 02
Available Generating Capacity (MW)	**2,835**	**2,838**	**3,127**	**3,135**	**3,072**	**3,040**	**3,019**	**2,967**	**3,063**	**3,147**	**3,095**	**2,997**	**3,051**	**3,051**	**2,906**	**2,902**	**3,108**	**3,193**	**3,102**	**3,194**	**3,124**	**3,073**	**3,090**	**3,183**	**3,195**	**3,202**
Thermal	*1,136*	*1,136*	*1,321*	*1,321*	*1,321*	*1,239*	*1,239*	*1,239*	*1,321*	*1,321*	*1,321*	*1,186*	*1,186*	*1,186*	*1,104*	*1,104*	*1,239*	*1,321*	*1,321*	*1,321*	*1,239*	*1,239*	*1,239*	*1,321*	*1,321*	*1,321*
Geothermal	*765*	*765*	*834*	*834*	*769*	*834*	*834*	*769*	*733*	*798*	*798*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*744*	*834*	*834*	*834*	*834*	*834*	*834*	*834*
Diesel	*328*	*316*	*335*	*340*	*325*	*312*	*318*	*318*	*314*	*333*	*281*	*276*	*322*	*322*	*264*	*272*	*342*	*329*	*321*	*317*	*329*	*306*	*323*	*333*	*340*	*346*
Power Barges	*45*	*52*	*52*	*52*	*52*	*45*	*45*	*52*	*46*	*46*	*46*	*52*	*52*	*52*	*52*	*52*	*45*	*39*	*46*	*52*	*52*	*46*	*46*	*46*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*208*	*208*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	*225*	*225*	*241*	*250*	*258*	*263*	*236*	*250*	*248*	*248*	*248*	*248*	*261*	*261*	*255*	*247*	*230*	*250*	*250*	*250*	*250*	*228*	*228*	*228*	*228*	*228*
Wind	*63*	*63*	*63*	*66*	*66*	*66*	*66*	*58*	*62*	*62*	*62*	*62*	*58*	*58*	*58*	*53*	*78*	*81*	*81*	*81*	*81*	*81*	*81*	*81*	*81*	*81*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**3,351**	**3,287**	**3,234**	**3,347**	**3,445**	**3,445**	**3,355**	**3,415**	**3,455**	**3,433**	**3,499**	**3,486**	**3,387**	**3,513**	**3,438**	**3,401**	**3,376**	**3,419**	**3,496**	**3,482**	**3,446**	**3,414**	**3,235**	**3,384**	**2,743**	**2,872**
Operating Margin (MW)	**-516**	**-449**	**-107**	**-212**	**-373**	**-405**	**-336**	**-448**	**-392**	**-286**	**-404**	**-489**	**-336**	**-462**	**-532**	**-499**	**-268**	**-226**	**-394**	**-288**	**-322**	**-341**	**-145**	**-201**	**452**	**330**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**452**	**330**
Req'd Regulating Reserve	*134*	*131*	*129*	*134*	*138*	*138*	*134*	*137*	*138*	*137*	*140*	*139*	*135*	*141*	*138*	*136*	*135*	*137*	*140*	*139*	*138*	*137*	*129*	*135*	*110*	*115*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*70*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*442*	*225*	*450*	*67*	*285*	*450*	*286*	*187*	*164*	*320*	*450*	*0*	*345*	*450*	*450*	*336*	*227*	*169*	*255*	*450*	*412*	*298*	*296*	*450*	*450*

1. Peak Demand Forecast at 3,585 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040.
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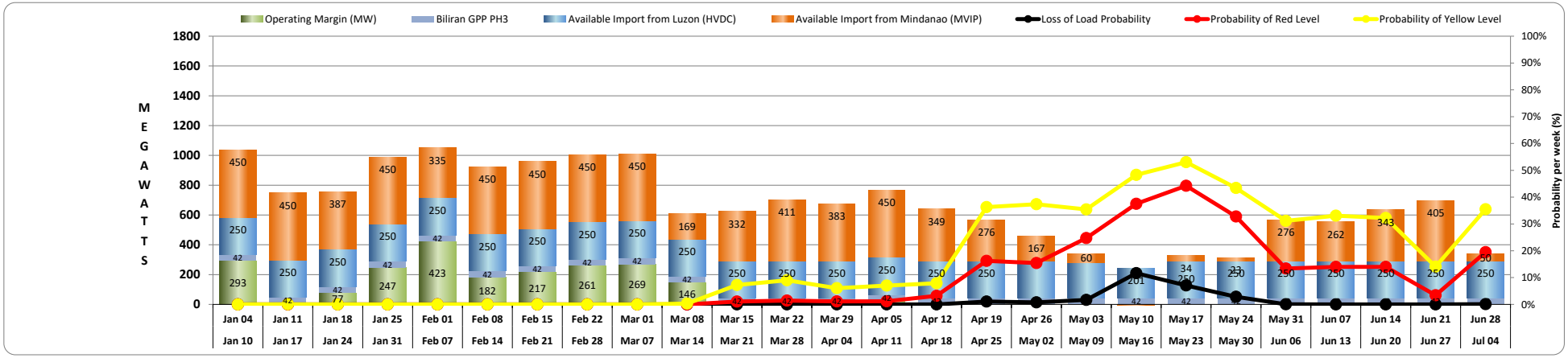
10. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.

VISAYAS GRID
2027 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



2027	JANUARY TO JUNE 2027																									
	Jan 04 Jan 10	Jan 11 Jan 17	Jan 18 Jan 24	Jan 25 Jan 31	Feb 01 Feb 07	Feb 08 Feb 14	Feb 15 Feb 21	Feb 22 Feb 28	Mar 01 Mar 07	Mar 08 Mar 14	Mar 15 Mar 21	Mar 22 Mar 28	Mar 29 Apr 04	Apr 05 Apr 11	Apr 12 Apr 18	Apr 19 Apr 25	Apr 26 May 02	May 03 May 09	May 10 May 16	May 17 May 23	May 24 May 30	May 31 Jun 06	Jun 07 Jun 13	Jun 14 Jun 20	Jun 21 Jun 27	Jun 28 Jul 04
Available Generating Capacity (MW)	**2,824**	**2,521**	**2,607**	**2,762**	**2,879**	**2,699**	**2,705**	**2,920**	**2,947**	**2,871**	**2,731**	**2,822**	**2,849**	**2,952**	**2,952**	**2,952**	**2,930**	**2,878**	**2,878**	**2,878**	**2,878**	**2,885**	**2,885**	**2,885**	**2,885**	**2,607**
Thermal	*1,171*	*1,002*	*1,002*	*1,152*	*1,239*	*1,070*	*1,070*	*1,321*	*1,321*	*1,239*	*1,136*	*1,218*	*1,218*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,321*	*1,136*
Geothermal	*834*	*747*	*797*	*791*	*828*	*828*	*823*	*791*	*828*	*834*	*797*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*765*
Diesel	*346*	*300*	*336*	*346*	*346*	*335*	*346*	*346*	*336*	*336*	*336*	*336*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*346*	*317*
Power Barges	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*45*	*45*	*45*	*45*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*72*	*72*	*72*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*232*	*267*	*267*	*267*	*267*	*267*	*214*	*214*	*214*	*214*	*208*	*208*	*208*	*208*	*208*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*82*	*82*	*82*	*82*	*75*	*75*	*75*	*78*	*78*	*78*	*78*	*78*	*60*	*60*	*60*	*60*	*38*	*38*	*38*	*38*	*38*	*51*	*51*	*51*	*51*	*56*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**2,531**	**2,516**	**2,530**	**2,515**	**2,456**	**2,517**	**2,488**	**2,659**	**2,678**	**2,725**	**2,849**	**2,861**	**2,916**	**2,928**	**3,053**	**3,126**	**3,179**	**3,268**	**3,312**	**3,294**	**3,305**	**3,059**	**3,073**	**2,992**	**2,930**	**3,007**
Operating Margin (MW)	**293**	**5**	**77**	**247**	**423**	**182**	**217**	**261**	**269**	**146**	**-118**	**-39**	**-67**	**24**	**-101**	**-174**	**-249**	**-390**	**-434**	**-416**	**-427**	**-174**	**-188**	**-107**	**-45**	**-400**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**293**	**5**	**77**	**247**	**423**	**182**	**217**	**261**	**269**	**146**	**0**	**0**	**0**	**24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Req'd Regulating Reserve	*101*	*101*	*101*	*101*	*98*	*101*	*100*	*106*	*107*	*109*	*114*	*114*	*117*	*117*	*122*	*125*	*127*	*131*	*132*	*132*	*132*	*122*	*123*	*120*	*117*	*120*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*150*	*150*	*150*	*150*	*150*	*150*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*239*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*450*	*387*	*450*	*335*	*450*	*450*	*450*	*450*	*169*	*450*	*450*	*450*	*450*	*450*	*450*	*416*	*450*	*385*	*450*	*450*	*450*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,585 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Evening Peak was considered in the outlook, hence, Solar Capacity not included.
5. Capacity Factor for VRE Plants used: average of 17% for Solar and 22% for Wind (average of actual capacity for the previous year): Based on 24 hours
6. The operating margin per week shown on the graph is based on the forecasted evening peak demand per week and its coincident available capacity.
7. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
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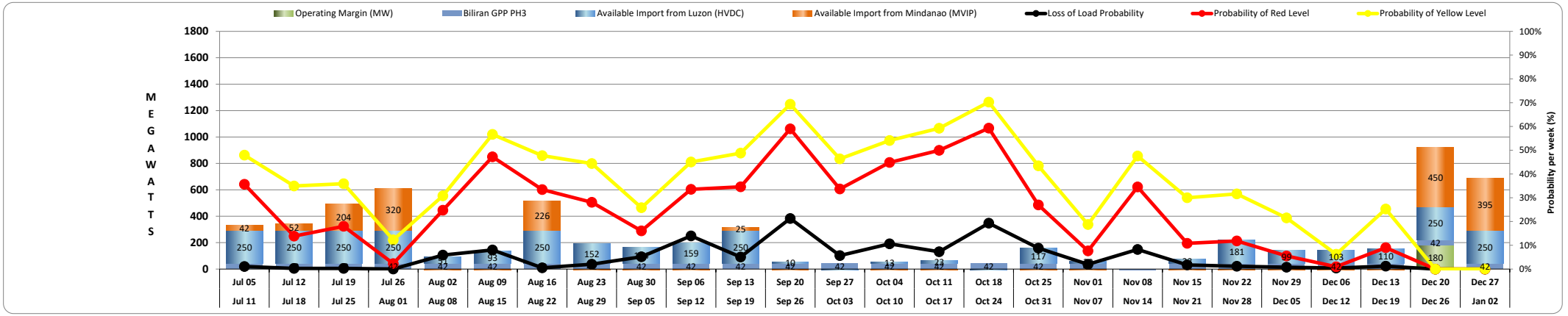
9. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
   9.1 Biliran Geothermal Plant Project (Phase 3) (42MW) - target date of commercial operation: January 2027
10. Naga-Ormoc HVDC maintenance schedule is on October 21 - 27, 2027.
11. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.

VISAYAS GRID
2027 Weekly Demand, Supply and Operating Margin Profile
Evening Peak Scenario with 450 MW Import from Mindanao



2027	JULY TO DECEMBER 2027																								
	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	Sep 27	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27
	Jul 11	Jul 18	Jul 25	Aug 01	Aug 08	Aug 15	Aug 22	Aug 29	Sep 05	Sep 12	Sep 19	Sep 26	Oct 03	Oct 10	Oct 17	Oct 24	Oct 31	Nov 07	Nov 14	Nov 21	Nov 28	Dec 05	Dec 12	Dec 19	Dec 26	Jan 02
Available Generating Capacity (MW)	**2,610**	**2,613**	**2,886**	**2,886**	**2,814**	**2,732**	**2,782**	**2,717**	**2,816**	**2,900**	**2,848**	**2,750**	**2,790**	**2,790**	**2,651**	**2,655**	**2,878**	**2,943**	**2,853**	**2,944**	**2,874**	**2,845**	**2,862**	**2,954**	**2,967**	**2,974**
Thermal	*1,136*	*1,136*	*1,321*	*1,321*	*1,321*	*1,239*	*1,239*	*1,239*	*1,321*	*1,321*	*1,321*	*1,186*	*1,186*	*1,186*	*1,104*	*1,104*	*1,239*	*1,321*	*1,321*	*1,321*	*1,239*	*1,239*	*1,239*	*1,321*	*1,321*	*1,321*
Geothermal	*765*	*765*	*834*	*834*	*769*	*784*	*834*	*769*	*733*	*798*	*798*	*834*	*834*	*834*	*834*	*834*	*834*	*834*	*744*	*834*	*834*	*834*	*834*	*834*	*834*	*834*
Diesel	*328*	*316*	*335*	*340*	*325*	*325*	*318*	*318*	*314*	*333*	*281*	*276*	*322*	*322*	*264*	*272*	*342*	*329*	*322*	*317*	*329*	*306*	*323*	*326*	*340*	*346*
Power Barges	*45*	*52*	*52*	*52*	*52*	*45*	*52*	*52*	*46*	*46*	*46*	*52*	*52*	*52*	*52*	*52*	*45*	*39*	*46*	*52*	*52*	*46*	*46*	*52*	*52*	*52*
Hydro	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*	*73*
Biomass	*200*	*208*	*208*	*200*	*208*	*200*	*200*	*208*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*	*267*
Solar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wind	*63*	*63*	*63*	*66*	*66*	*66*	*66*	*58*	*62*	*62*	*62*	*62*	*58*	*58*	*58*	*53*	*78*	*81*	*81*	*81*	*81*	*81*	*81*	*81*	*81*	*81*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Peak Demand (MW)	**3,018**	**3,003**	**2,907**	**3,016**	**3,080**	**3,173**	**3,006**	**3,101**	**3,128**	**3,155**	**3,142**	**3,259**	**3,201**	**3,373**	**3,328**	**3,320**	**3,347**	**3,400**	**3,367**	**3,416**	**3,393**	**3,408**	**3,307**	**3,390**	**2,787**	**3,029**
Operating Margin (MW)	**-408**	**-390**	**-21**	**-130**	**-266**	**-441**	**-224**	**-384**	**-312**	**-255**	**-294**	**-509**	**-411**	**-583**	**-677**	**-665**	**-469**	**-457**	**-514**	**-472**	**-519**	**-563**	**-445**	**-436**	**180**	**-55**
Stranded Capacity (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Net Operating Margin (MW)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**180**	**0**
Req'd Regulating Reserve	*121*	*120*	*116*	*121*	*123*	*127*	*120*	*124*	*125*	*126*	*126*	*130*	*128*	*135*	*133*	*133*	*134*	*136*	*135*	*137*	*136*	*136*	*132*	*136*	*111*	*121*
Req'd Contingency Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Req'd Dispatchable Reserve	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*	*169*
Available Import from Luzon (HVDC)	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*70*	*250*	*250*	*250*	*0*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*	*250*
Available Import from Mindanao (MVIP)	*450*	*442*	*225*	*450*	*67*	*285*	*450*	*286*	*187*	*164*	*320*	*450*	*0*	*345*	*450*	*450*	*336*	*227*	*169*	*255*	*450*	*412*	*298*	*296*	*450*	*450*

1. Peak Demand Forecast at 3,585 MW to occur in May 2027 based from the DOE Peak Demand Forecast 2020-2040.
2. Preventive Maintenance of Power Plants considered.
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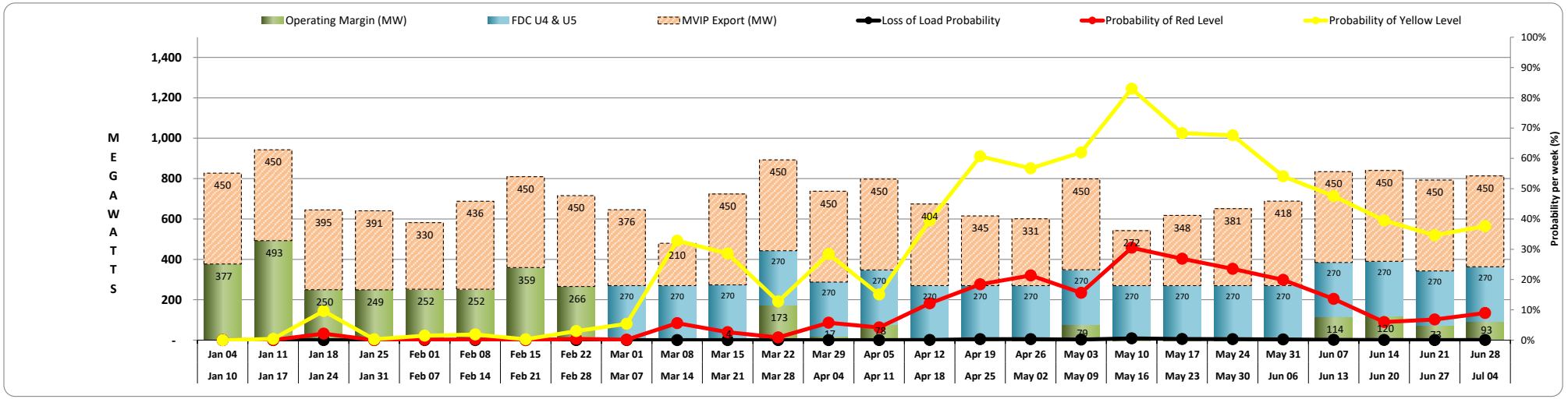
9. Capacity addition per updates from DOE Visayas Power Committed Project as of June 30, 2024:
   9.1 Biliran Geothermal Plant Project (Phase 3) (42MW) - target date of commercial operation: January 2027
10. Naga-Ormoc HVDC maintenance schedule is on October 21 - 27, 2027.
11. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.

MINDANAO GRID
2027 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2027	JANUARY TO JUNE 2027																								
	Jan 04	Jan 11	Jan 18	Jan 25	Feb 01	Feb 08	Feb 15	Feb 22	Mar 01	Mar 08	Mar 15	Mar 22	Mar 29	Apr 05	Apr 12	Apr 19	Apr 26	May 03	May 10	May 17	May 24	May 31	Jun 07	Jun 14	Jun 21	Jun 28
	Jan 10	Jan 17	Jan 24	Jan 31	Feb 07	Feb 14	Feb 21	Feb 28	Mar 07	Mar 14	Mar 21	Mar 28	Apr 04	Apr 11	Apr 18	Apr 25	May 02	May 09	May 16	May 23	May 30	Jun 06	Jun 13	Jun 20	Jun 27	Jul 04
Available Generating Capacity (MW)	**3,566**	**3,574**	**3,436**	**3,419**	**3,436**	**3,544**	**3,533**	**3,534**	**3,240**	**3,144**	**3,309**	**3,450**	**3,424**	**3,466**	**3,515**	**3,523**	**3,491**	**3,502**	**3,488**	**3,509**	**3,470**	**3,524**	**3,575**	**3,587**	**3,531**	**3,565**
Coal	*2,043*	*2,043*	*1,908*	*1,908*	*1,908*	*2,043*	*2,043*	*2,043*	*1,819*	*1,819*	*1,919*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*
Geothermal	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*98*
Hydro	*430*	*430*	*430*	*410*	*430*	*400*	*389*	*390*	*364*	*324*	*324*	*314*	*277*	*262*	*322*	*322*	*292*	*307*	*292*	*307*	*281*	*322*	*371*	*385*	*360*	*385*
Diesel	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*352*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*352*
Renewable	*320*	*328*	*325*	*329*	*326*	*329*	*329*	*329*	*310*	*284*	*300*	*328*	*332*	*388*	*377*	*386*	*383*	*379*	*380*	*387*	*374*	*387*	*388*	*387*	*368*	*386*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*294*	*305*	*305*	*305*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*300*	*302*
System Peak Demand (MW)	**2,739**	**2,631**	**2,791**	**2,779**	**2,854**	**2,856**	**2,724**	**2,818**	**2,881**	**2,949**	**2,855**	**2,827**	**2,957**	**2,938**	**3,118**	**3,183**	**3,165**	**2,973**	**3,219**	**3,167**	**3,097**	**3,113**	**3,010**	**3,017**	**3,009**	**3,022**
Operating Margin (MW)	**827**	**943**	**645**	**640**	**582**	**688**	**809**	**716**	**359**	**196**	**454**	**623**	**467**	**528**	**397**	**340**	**325**	**529**	**269**	**342**	**373**	**411**	**564**	**570**	**523**	**543**
Net of MVIP Export (MW)	**377**	**493**	**250**	**249**	**252**	**252**	**359**	**266**	**253**	**256**	**274**	**443**	**287**	**348**	**263**	**265**	**265**	**349**	**267**	**265**	**262**	**263**	**384**	**390**	**343**	**363**
Req'd Regulating Reserve	*110*	*105*	*112*	*111*	*114*	*114*	*109*	*113*	*115*	*118*	*114*	*113*	*118*	*118*	*125*	*127*	*127*	*119*	*129*	*127*	*124*	*125*	*120*	*121*	*120*	*121*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*450*	*450*	*395*	*391*	*330*	*436*	*450*	*450*	*376*	*210*	*450*	*450*	*450*	*450*	*404*	*345*	*331*	*450*	*272*	*348*	*381*	*418*	*450*	*450*	*450*	*450*

1. Peak Demand Forecast at 3,259 MW to occur in December 2027 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
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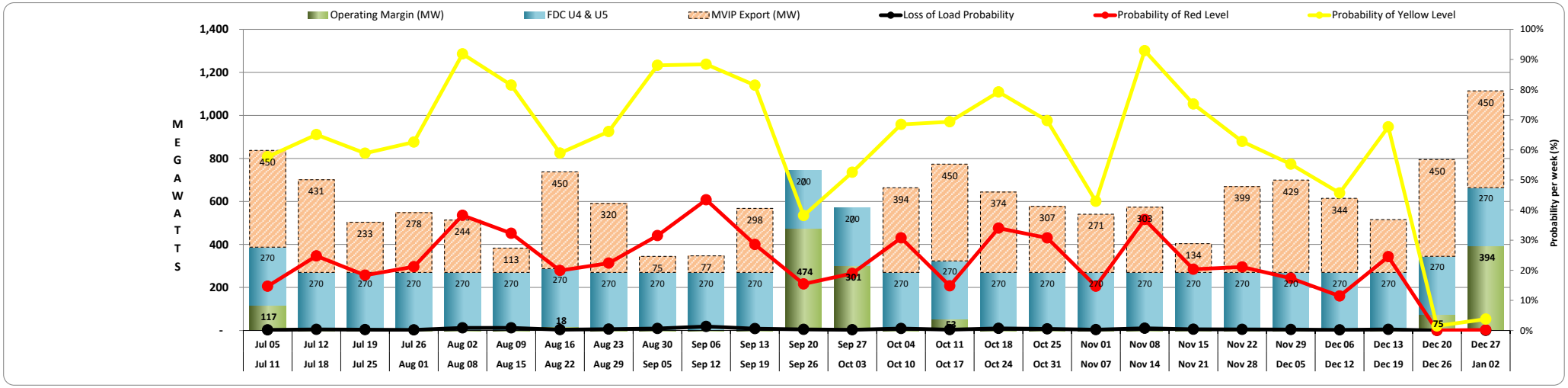
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   8.1 Misamis Oriental Circulating Fluidized Bed Coal Fired Thermal Power Plant (2x135MW) - target date of commercial operation: March 2027
9. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.

MINDANAO GRID
2027 Weekly Demand, Supply and Operating Margin Profile
450 MW Export to Visayas



2027	JULY TO DECEMBER 2027																								
	Jul 05 Jul 11	Jul 12 Jul 18	Jul 19 Jul 25	Jul 26 Aug 01	Aug 02 Aug 08	Aug 09 Aug 15	Aug 16 Aug 22	Aug 23 Aug 29	Aug 30 Sep 05	Sep 06 Sep 12	Sep 13 Sep 19	Sep 20 Sep 26	Sep 27 Oct 03	Oct 04 Oct 10	Oct 11 Oct 17	Oct 18 Oct 24	Oct 25 Oct 31	Nov 01 Nov 07	Nov 08 Nov 14	Nov 15 Nov 21	Nov 22 Nov 28	Nov 29 Dec 05	Dec 06 Dec 12	Dec 13 Dec 19	Dec 20 Dec 26	Dec 27 Jan 02
Available Generating Capacity (MW)	**3,637**	**3,403**	**3,256**	**3,310**	**3,397**	**3,218**	**3,377**	**3,292**	**3,103**	**3,137**	**3,247**	**3,417**	**3,405**	**3,591**	**3,566**	**3,521**	**3,426**	**3,327**	**3,468**	**3,326**	**3,572**	**3,527**	**3,527**	**3,503**	**3,598**	**3,585**
Coal	*2,043*	*1,808*	*1,708*	*1,708*	*1,808*	*1,670*	*1,770*	*1,646*	*1,511*	*1,646*	*1,784*	*1,905*	*1,905*	*2,043*	*2,023*	*2,023*	*1,918*	*1,838*	*1,938*	*1,838*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*	*2,043*
Geothermal	*52*	*52*	*52*	*52*	*52*	*52*	*102*	*102*	*102*	*102*	*102*	*98*	*102*	*102*	*102*	*102*	*102*	*102*	*102*	*98*	*102*	*102*	*102*	*102*	*102*	*102*
Hydro	*509*	*509*	*469*	*509*	*494*	*494*	*454*	*494*	*432*	*357*	*332*	*357*	*347*	*442*	*442*	*397*	*407*	*391*	*431*	*391*	*432*	*391*	*391*	*367*	*462*	*462*
Diesel	*352*	*352*	*352*	*352*	*359*	*311*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*	*359*
Renewable	*382*	*383*	*372*	*385*	*383*	*386*	*387*	*386*	*387*	*361*	*358*	*386*	*380*	*333*	*329*	*329*	*328*	*325*	*326*	*328*	*325*	*328*	*328*	*328*	*328*	*315*
BESS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Embedded	*301*	*300*	*305*	*305*	*302*	*306*	*306*	*306*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*312*	*305*	*305*	*305*	*305*	*305*
System Peak Demand (MW)	**3,070**	**2,985**	**3,034**	**3,042**	**3,159**	**3,112**	**2,909**	**2,984**	**3,039**	**3,070**	**2,963**	**2,943**	**3,104**	**3,201**	**3,063**	**3,153**	**3,126**	**3,066**	**3,170**	**3,197**	**3,178**	**3,105**	**3,187**	**3,259**	**3,073**	**2,741**
Operating Margin (MW)	**567**	**418**	**223**	**268**	**238**	**106**	**468**	**308**	**64**	**68**	**284**	**474**	**301**	**390**	**503**	**368**	**300**	**261**	**298**	**129**	**394**	**422**	**340**	**244**	**525**	**844**
Net of MVIP Export (MW)	**387**	**257**	**259**	**260**	**264**	**262**	**288**	**257**	**260**	**261**	**257**	**744**	**571**	**266**	**323**	**264**	**263**	**261**	**265**	**266**	**265**	**262**	**265**	**268**	**345**	**664**
Req'd Regulating Reserve	*123*	*119*	*121*	*122*	*126*	*124*	*116*	*119*	*122*	*123*	*119*	*118*	*124*	*128*	*123*	*126*	*125*	*123*	*127*	*128*	*127*	*124*	*127*	*130*	*123*	*110*
Req'd Contingency Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
Req'd Dispatchable Reserve	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*	*138*
MVIP Export (MW)	*450*	*431*	*233*	*278*	*244*	*113*	*450*	*320*	*75*	*77*	*298*	*0*	*0*	*394*	*450*	*374*	*307*	*271*	*303*	*134*	*399*	*429*	*344*	*246*	*450*	*450*

1. Peak Demand Forecast at 3,259 MW to occur in December 2027 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Capacity Factor for VRE Plants used: 13-22% (average of actual capacity for previous year): Based on 24 hours
5. The operating margin per week shown on the graph is based on the forecasted peak demand per week and its coincident available capacity.
6. The Loss of Load Probability (LOLP) shown on the graph is derived with the consideration of capacity sharing among three regions and based on hourly projected peak demand. Hourly LOLP measures the probability that, during a specific hour, the electricity demand will exceed the available generation capacity.
7. The Probability of Yellow and Red Levels shown on the graph are derived with the consideration of capacity sharing among three regions and based on daily projected peak demand. Daily Probability of Yellow and Red Levels measures the probability that, at any time during a particular day, there will be at least one hour where the demand exceeds the supply together with the regulating and contingency required reserve level.
8. Capacity addition per updates from DOE Mindanao Power Committed Project as of June 30, 2024:
   8.1 Misamis Oriental Circulating Fluidized Bed Coal Fired Thermal Power Plant (2x135MW) - target date of commercial operation: March 2027
9. Lala-Dumanjug HVDC maintenance schedule is on July 21 - 27, 2027 for Pole 1, August 20 - 26, 2027 for Pole 2, and September 23 - 29, 2027 for Bipole.