

ANNEX J Ten Year Projected Monthly Levels of AS Requirements for Luzon

GRID	PERIOD	REGULATING RESERVE (MW)	CONTINGENCY RESERVE (MW)	DISPATCHABLE RESERVE (MW)	BLACK START (Min MW per Restoration Highway)
Luzon	Jan-25	473	668	668	50
Luzon	Feb-25	477	668	668	50
Luzon	Mar-25	547	668	668	50
Luzon	Apr-25	579	668	668	50
Luzon	May-25	588	668	668	50
Luzon	Jun-25	583	668	668	50
Luzon	Jul-25	591	668	668	50
Luzon	Aug-25	573	668	668	50
Luzon	Sep-25	568	668	668	50
Luzon	Oct-25	547	668	668	50
Luzon	Nov-25	553	668	668	50
Luzon	Dec-25	540	668	668	50
Luzon	Jan-26	482	668	668	50
Luzon	Feb-26	507	668	668	50
Luzon	Mar-26	579	668	668	50
Luzon	Apr-26	611	668	668	50
Luzon	May-26	624	668	668	50
Luzon	Jun-26	619	668	668	50
Luzon	Jul-26	627	668	668	50
Luzon	Aug-26	608	668	668	50
Luzon	Sep-26	604	668	668	50
Luzon	Oct-26	585	668	668	50
Luzon	Nov-26	587	668	668	50
Luzon	Dec-26	573	668	668	50
Luzon	Jan-27	511	668	668	50
Luzon	Feb-27	539	668	668	50
Luzon	Mar-27	615	668	668	50
Luzon	Apr-27	649	668	668	50
Luzon	May-27	664	668	668	50
Luzon	Jun-27	657	668	668	50
Luzon	Jul-27	667	668	668	50
Luzon	Aug-27	646	668	668	50
Luzon	Sep-27	641	668	668	50
Luzon	Oct-27	619	668	668	50
Luzon	Nov-27	624	668	668	50
Luzon	Dec-27	606	668	668	50
Luzon	Jan-28	543	668	668	50
Luzon	Feb-28	572	668	668	50
Luzon	Mar-28	656	668	668	50
Luzon	Apr-28	690	668	668	50
Luzon	May-28	706	668	668	50
Luzon	Jun-28	699	668	668	50
Luzon	Jul-28	709	668	668	50
Luzon	Aug-28	687	668	668	50
Luzon	Sep-28	682	668	668	50
Luzon	Oct-28	657	668	668	50
Luzon	Nov-28	664	668	668	50
Luzon	Dec-28	648	668	668	50
Luzon	Jan-29	578	668	668	50
Luzon	Feb-29	609	668	668	50
Luzon	Mar-29	695	668	668	50
Luzon	Apr-29	735	668	668	50
Luzon	May-29	751	668	668	50
Luzon	Jun-29	744	668	668	50
Luzon	Jul-29	754	668	668	50
Luzon	Aug-29	731	668	668	50
Luzon	Sep-29	726	668	668	50
Luzon	Oct-29	699	668	668	50
Luzon	Nov-29	706	668	668	50
Luzon	Dec-29	689	668	668	50
Luzon	Jan-30	643	668	668	50
Luzon	Feb-30	649	668	668	50
Luzon	Mar-30	743	668	668	50
Luzon	Apr-30	787	668	668	50
Luzon	May-30	799	668	668	50
Luzon	Jun-30	792	668	668	50
Luzon	Jul-30	803	668	668	50
Luzon	Aug-30	778	668	668	50
Luzon	Sep-30	772	668	668	50
Luzon	Oct-30	744	668	668	50
Luzon	Nov-30	752	668	668	50
Luzon	Dec-30	734	668	668	50
Luzon	Jan-31	684	668	668	50
Luzon	Feb-31	690	668	668	50
Luzon	Mar-31	791	668	668	50
Luzon	Apr-31	837	668	668	50

Ten-year projected monthly AS Levels are based on the maximum value of RR, CR, and DR. RR Requirement is equivalent to the of the 4% Demand Projection, based on Plexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grids, dated August 24, 2020. CR and DR are based on Net Capacity of the projected highest and second highest generating unit, respectively, for succeeding years.

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GRID	PERIOD	REGULATING RESERVE (MW)	CONTINGENCY RESERVE (MW)	DISPATCHABLE RESERVE (MW)	BLACK START (Min MW per Restoration Highway)
Luzon	May-31	850	668	668	50
Luzon	Jun-31	842	668	668	50
Luzon	Jul-31	854	668	668	50
Luzon	Aug-31	828	668	668	50
Luzon	Sep-31	822	668	668	50
Luzon	Oct-31	791	668	668	50
Luzon	Nov-31	800	668	668	50
Luzon	Dec-31	780	668	668	50
Luzon	Jan-32	695	668	668	50
Luzon	Feb-32	733	668	668	50
Luzon	Mar-32	837	668	668	50
Luzon	Apr-32	884	668	668	50
Luzon	May-32	904	668	668	50
Luzon	Jun-32	895	668	668	50
Luzon	Jul-32	908	668	668	50
Luzon	Aug-32	880	668	668	50
Luzon	Sep-32	873	668	668	50
Luzon	Oct-32	843	668	668	50
Luzon	Nov-32	850	668	668	50
Luzon	Dec-32	824	668	668	50
Luzon	Jan-33	738	668	668	50
Luzon	Feb-33	778	668	668	50
Luzon	Mar-33	892	668	668	50
Luzon	Apr-33	939	668	668	50
Luzon	May-33	960	668	668	50
Luzon	Jun-33	951	668	668	50
Luzon	Jul-33	964	668	668	50
Luzon	Aug-33	934	668	668	50
Luzon	Sep-33	928	668	668	50
Luzon	Oct-33	893	668	668	50
Luzon	Nov-33	903	668	668	50
Luzon	Dec-33	881	668	668	50

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