8.7 GROSS ENERGY GENERATION BY PLANT TYPE

for periods indicated
in million watthours

Period		Total	Oil-Based[1]	Hydrothermal	Geothermal	Coal	Gas Turbine	Diesel	Combined[2]
2007		**59,611,788**	332,277	8,563,429	10,214,688	16,837,095	18,790,637	4,161,677	711,986
2008		**39,350,010**	3,080,859	7,384,644	10,434,697	10,468,695	36,913	…	7,944,202
2009		**36,232,997**	3,476,788	7,357,315	7,723,243	9,050,997	61,693	…	8,562,961
2010		**18,500,294**	3,037,489	5,582,254	4,272,953	2,106,302	2,973	…	3,498,324
2011		**14,391,095**	1,318,588	6,913,562	4,150,900	2,008,046	…	…	…
2012		**14,857,805**	1,654,964	6,970,411	4,174,704	2,057,726	…	…	…
2013		**13,712,392**	1,391,624	6,801,216	3,754,471	1,765,081	…	…	…
2014		**12,984,305**	1,460,644	6,326,023	3,792,522	1,405,116	…	…	…
2015		**9,541,629**	1,088,925	5,061,187	1,610,217	1,781,300	…	…	…
2016		**8,021,517**	346,547	4,469,036	1,478,125	1,727,808	…	…	…
	Jan	**651,926**	34,930	316,211	134,686	166,099	…	…	…
	Feb	**575,722**	30,306	257,648	125,314	162,453	…	…	…
	Mar	**553,961**	32,210	229,625	141,817	150,308	…	…	…
	Apr	**592,478**	50,816	222,782	152,348	166,532	…	…	…
	May	**656,853**	62,895	308,008	122,867	163,084	…	…	…
	Jun	**707,258**	40,300	425,446	84,555	156,957	…	…	…
	Jul	**707,654**	29,953	439,871	114,263	123,567	…	…	…
	Aug	**680,995**	63,358	466,109	100,520	51,008	…	…	…
	Sep	**644,938**	1,780	404,510	107,709	130,939	…	…	…
	Oct	**723,709**	…	467,023	103,108	153,578	…	…	…
	Nov	**736,927**	…	451,214	137,243	148,471	…	…	…
	Dec	**789,096**	…	480,590	153,695	154,812	…	…	…
2017		**8,668,664**	281,958	5,274,788	1,753,398	1,358,519	…	…	…
	Jan	**842,122**	1,931	529,732	166,482	143,976	…	…	…
	Feb	**847,861**	13,387	523,967	174,949	135,558	…	…	…
	Mar	**738,373**	25,707	407,725	174,907	130,034	…	…	…
	Apr	**822,849**	66,665	436,832	186,932	132,420	…	…	…
	May	**741,396**	80,989	366,850	174,671	118,886	…	…	…
	Jun	**698,954**	12,803	407,994	154,261	123,897	…	…	…
	Jul	**536,175**	…	373,217	62,914	100,044	…	…	…
	Aug	**555,148**	45,517	446,494	32,788	30,349	…	…	…
	Sep	**631,069**	5,287	434,146	83,077	108,558	…	…	…
	Oct	**710,424**	5,584	405,429	182,764	116,648	…	…	…
	Nov	**814,624**	24,087	475,346	200,609	114,582	…	…	…
	Dec	**729,668**	…	467,056	159,044	103,567	…	…	…

Note:
(a) Does not include MERALCO IPPs and other IPPs where contract is not with NPC or PSALM.
(b) Ownership of Plant has been transferred to PSALM starting October 2008 through the asset and debt transfer.
(c) NPC continues to operate the plant under the Operation and Maintenance Agreement (OMA) pending its privatization.
(d) Gross energy generation includes generation of plants owned by PSALM and those plants which PSALM has an existing contract with the proponent IPPs.
(e) Includes PSALM owned and operated IPP plants with rated capacities of 1,664.1 MW and 1,693.3 MW respectively; Out of these plants, PB 104 (with rated capacity of 32 MW) was turned over to SPC Power Corporation on 30 June 2016 while the IPP contract of SPPC Gen San (with rated capacity of 59 MW) ended on 28 April 2016.

[1] *Starting 2008, figures reported include Diesel and Bunker Fired Plant*
[2] *Starting 2008, figures reported include the Natural Gas generated by Ilijan Plant.*
Source: NPC (1997-2007), PSALM (2008 to present)