

Availability At Daily Maximum Demand Hour

ST-Coal	1,780	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	4,025	MW
Hydro	1,854	MW
Distillate	0	MW
Total TNB	7,729	MW
Total IPP	11,390	MW
Total Co-Gen	74	MW
System Total	19,193	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,266 MW
IPP Generation	9,615 MW
Total Set On Bus	16,320 MW
Maximum Demand	14,977 MW
Spinning Reserve	1,365 MW
Net Energy	317,362 MWH
Load Factor	88.3 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	13143	12383	11873	11592	11409	11438	11305	11325	11642	13171	13940	14520	14380	14031	14200	14762	14977	14492	13667	13507	14053	14140	13846	13584

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	57
PAKA	140
PGPS	32
SRDG	9
TJGS	106
TNB Total	400
KLPP	102
MPSS	54
PGLA	93
PKLG	109
PLPS	95
SGB3	36
SGRI	164
YPGS	69
YPKA	132
IPP Total	853
Total Gas	1,253
Total Gas Required :	1,253
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	44,035.00	13.88 %
Gas	50,758.00	15.99 %
Hydro	13,796.00	4.35 %
Total TNB	108,589.0	34.22 %
ST-Coal	99,460.0	31.34 %
ST-Gas	10,611.0	3.34 %
Gas	97,233.0	30.64 %
Total IPP	207,304.0	65.32 %
Co-Gen	2,138.0	0.67 %
Total Co-Gen	2,138.0	0.67 %
Total Generation	318,031.0	100.21 %
PLTG	-56.0	-0.02 %
HVDC	725.0	0.23 %
Interconnection	669.0	0.21 %
Net Energy	317,362.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	281
Hydro	236
Syncon	415
Thermal	173
Total	1105

Weather Temperature

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35

Daily MW Generation On Friday

02-Aug-2013

Table with columns: Station, Unit, 0000, 0100, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300. Rows include units like PKLG U003, PKLG U005, etc., and sub-totals for ST-Coal and ST-Gas.

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		447	434	462	461	399	410	354	366	222	281	238	243	219	216	257	198	426	313	491	467	519	677	823	817
PCUF	CUFG	54	53	51	53	52	48	50	47	49	47	49	49	50	48	49	49	48	48	48	48	48	48	48	48
PCUF	CUFK	27	39	40	40	39	40	39	40	40	39	39	40	39	40	39	40	41	40	40	39	40	41	40	40
Total Co-Gen		81	92	91	93	91	88	89	87	89	86	88	89	89	88	88	87	88	86	86	85	89	76	73	75
Total Gen		13210	12603	12296	12280	11906	11785	11724	11494	11393	11471	11429	11428	11392	11412	11412	11300	11693	12606	13188	13740	13927	14272	14574	14655
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		31	30	30	30	30	30	30	30	29	29	30	29	30	30	31	32	31	31	30	31	30	29	31	31
TIE-PLTG		36	-42	-117	-119	3	-36	102	-47	-46	5	-38	0	58	-5	57	8	19	82	-14	68	-44	42	25	25
Interconnection		67	-12	-87	-89	33	-6	132	-17	-16	34	-9	30	87	25	87	39	51	113	17	98	-13	72	54	56
System Total		13143	12615	12383	12339	11873	11791	11592	11511	11409	11437	11438	11398	11305	11387	11325	11261	11642	12493	13171	13642	13940	14260	14520	14599
SRev ST-Coal		141	179	190	195	193	185	191	218	187	190	186	185	192	189	195	227	148	141	141	142	142	141	139	139
SRev ST-Gas		81	75	74	74	74	75	74	75	73	74	74	74	74	74	74	75	74	81	27	19	17	18	18	19
SRev CCGT-Gas		455	544	771	874	1154	1342	1459	1787	1779	1754	1755	1766	1778	1756	1778	1751	1671	1036	702	476	480	238	174	224
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncron		625	625	625	625	625	625	474	726	726	726	575	726	726	625	625	625	625	625	625	474	474	474	474	625
Hydro		160	173	145	146	208	197	253	292	184	125	168	314	187	90	150	109	181	294	116	140	88	231	300	306
S.Reserve Total		1462	1596	1805	1914	2254	2424	2603	2845	2951	2868	2908	2914	2957	2835	2822	2886	2699	2171	1658	1464	1362	1103	1104	1161