

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	4,086	MW
Hydro	1,483	MW
Distillate	0	MW
Total TNB	7,709	MW
Total IPP	10,273	MW
Total Co-Gen	79	MW
System Total	18,061	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	6,517	MW
IPP Generation	9,258	MW
Total Set On Bus	17,031	MW
Maximum Demand	15,859	MW
Spinning Reserve	1,177	MW
Net Energy	329,645	MWH
Load Factor	86.6	%

Maximum Demand Record

Date :	13/05/2013	16,562.0MW
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	13120	12551	12024	11852	11384	11463	11618	11518	12128	13873	14757	15328	15069	14992	15529	15785	15715	15503	14265	13755	14854	14765	14264	13783

Gas Usage

Station	(mmscfd)
CBPS	87
GLGR	57
PAKA	167
PGPS	66
SRDG	70
TJGS	119
TNB Total	566
KLPP	117
MPSS	52
PDPS	49
PGLA	110
PKLG	62
PLPS	109
PTEK	43
SGB3	50
SGRI	220
YPGS	34
YPKA	69
IPP Total	914
Total Gas	1,480

Total Gas Required : 1,480
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,623.00	15.05 %
ST-Gas	1,403.00	0.43 %
Gas	65,900.00	19.99 %
Hydro	12,551.00	3.81 %
Total TNB	129,477.0	39.28 %
ST-Coal	86,498.0	26.24 %
ST-Gas	3,106.0	0.94 %
Gas	109,327.0	33.17 %
Total IPP	198,931.0	60.35 %
Co-Gen	2,174.0	0.66 %
Total Co-Gen	2,174.0	0.66 %
Total Generation	330,582.0	100.28 %
PLTG	212.0	0.06 %
HVDC	725.0	0.22 %
Interconnection	937.0	0.28 %
Net Energy	329,645.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	409
Hydro	142
Syncon	335
Thermal	192
Total	1079

Weather Temperature

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	36

Daily MW Generation On Thursday

27-Jun-2013

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
KNYR	HY03	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
KNYR	HY04	99	96	70	59	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPIA	HY01	25	26	25	26	26	26	26	26	26	26	26	26	25	26	25	26	26	26	26	26	22	22	22	21
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
PGAU	HY01	-1	-1	-1	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	108	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	24	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	24	-1	-1	-1	-1	-1	-1	82	82	82	112	109	109	21	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	0	0	80	79	112	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	16	16	16	16	16	16	16	16	16
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	16	16	16	16	16	16	16	16	16
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	69	52	32	-1	-1	70	69	68	70	72
TMGR	HY02	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	72	50	31	-1	-1	72	67	67	70	70	64
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	40	82	82	82	27	80	53	82	81	78	48
TMGR	HY04	32	43	37	34	33	32	34	30	39	35	43	39	31	39	28	35	30	25	34	34	79	72	78	78
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		504	461	424	409	367	347	375	344	360	353	365	358	346	408	339	353	345	333	351	349	530	674	717	721
PCUF	CUFG	49	49	49	51	49	48	49	48	48	49	48	49	50	50	49	49	47	48	48	46	48	48	48	48
PCUF	CUFK	40	39	38	41	38	37	38	40	37	41	40	39	40	40	38	39	37	37	35	37	32	33	31	30
Total Co-Gen		89	88	87	92	87	85	87	89	85	89	89	87	89	88	89	88	89	87	86	86	82	85	81	81
Total Gen		13129	12770	12568	12421	12141	12015	11921	11844	11558	11472	11376	11339	11493	11764	11667	11412	12172	13192	13974	14378	14759	15000	15310	15457
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		30	30	30	30	30	30	30	30	31	31	31	31	30	30	29	29	30	30	30	32	30	30	30	31
TIE-PLTG		-21	-121	-13	-17	87	63	39	63	143	-71	-118	-12	-155	-76	120	43	14	206	71	67	-27	58	-48	
Interconnection		9	-91	17	13	117	93	69	93	174	-40	-87	19	-125	-46	149	72	44	236	101	97	2	87	-18	
System Total		13120	12861	12551	12408	12024	11922	11852	11751	11384	11512	11463	11340	11618	11810	11518	11340	12128	12956	13873	14281	14757	14913	15328	15402
SRev ST-Coal		232	264	223	222	216	217	217	213	222	217	218	215	211	215	218	215	203	225	212	213	222	211	210	214
SRev ST-Gas		4	4	23	23	23	24	24	24	24	23	3	4	5	4	4	6	6	6	5	6	5	5	5	5
SRev CCGT-Gas		407	579	747	883	1124	1235	1351	1410	1696	1778	1900	1931	1794	1578	1608	1876	1116	783	409	329	349	323	302	276
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	66	207	319	168	340	156	111	410	426	468	393
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
Syncon		539	625	625	625	625	474	625	625	625	625	625	625	625	625	625	625	625	625	539	453	453	453	302	625
Hydro		138	95	132	147	189	104	227	107	91	98	86	93	105	345	112	98	106	118	100	102	92	94	101	97
S.Reserve Total		1320	1567	1750	1900	2177	2205	2293	2379	2658	2742	2852	2867	2739	2466	2567	2816	2056	1823	1559	1593	1376	1426	1227	1156