

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,386	MW
Hydro	1,868	MW
Distillate	60	MW
Total TNB	8,444	MW
Total IPP	11,017	MW
Total Co-Gen	75	MW
System Total	20,096	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,668	MW
IPP Generation	7,406	MW
Total Set On Bus	13,181	MW
Maximum Demand	12,114	MW
Spinning Reserve	1,032	MW
Net Energy	248,190	MWH
Load Factor	85.4	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	10443	9917	9358	9148	8984	8833	8790	8911	8686	9512	10162	10826	10866	10823	11101	11209	11193	11093	10791	10957	12114	11983	11755	11354

Gas Usage

Station	(mmscfd)
GLGR	53
PGPS	27
TJGS	209
TNB Total	289
KLPP	109
PGLA	103
PLPS	117
SKSP	49
YPGS	49
YPKA	102
IPP Total	529
Total Gas	818
Total Gas Required :	818
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	42,700.00	17.20 %
Gas	41,574.00	16.75 %
Hydro	9,897.00	3.99 %
Total TNB	94,171.0	37.94 %
ST-Coal	80,535.0	32.45 %
Gas	72,045.0	29.03 %
Total IPP	152,580.0	61.48 %
Co-Gen	1,948.0	0.78 %
Total Co-Gen	1,948.0	0.78 %
Total Generation	248,699.0	100.21 %
PLTG	-133.0	-0.05 %
HVDC	642.0	0.26 %
Interconnection	509.0	0.21 %
Net Energy	248,190.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	128
Hydro	182
Syncon	465
Thermal	180
Total	954

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	31

Daily MW Generation On Monday

02-Jan-2012

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
LPIA	HY01	19	19	20	20	20	20	20	19	19	19	20	19	20	20	20	20	19	20	20	20	20	20	20	20
LPIA	HY02	19	19	19	20	20	20	20	20	20	20	20	20	19	20	20	20	19	18	19	18	19	18	19	18
MNOR	HY01	5	5	5	5	5	5	5	5	5	5	1	1	1	1	4	4	4	4	4	1	1	1	5	5
PGAU	HY01	-1	-1	-1	110	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	73	114	110	80	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	112	111	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	43	112	112	22	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
SIHY	HY03	0	0	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY04	0	0	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	16	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25
SYPS	HY02	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-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	HY02	84	37	85	78	38	39	87	38	48	40	44	41	57	64	55	40	39	34	34	31	34	37	37	30
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	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
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		557	463	465	621	461	351	409	345	367	351	363	357	371	303	220	203	202	215	227	214	259	548	690	630
PCUF	CUFG	52	51	51	52	52	53	53	53	52	51	54	52	53	52	54	53	52	54	53	52	51	52	50	51
PCUF	CUFK	24	25	25	25	24	23	25	25	23	23	25	24	24	24	24	23	24	23	24	22	23	23	22	22
Total Co-Gen		76	76	76	77	77	77	76	78	77	74	77	77	75	78	75	77	75	77	74	73	74	73	76	73
Total Gen		10422	10761	9802	9679	9431	9299	9214	9118	8988	8847	8840	8798	8893	8859	8898	8785	8763	9180	9546	9906	10157	10563	10778	10936
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	-28	-28	30	30	31	31	30	30	30	31	31	29	31	31	31	31	31	31	29	31	31	31	30
TIE-PLTG		9	128	-87	-28	43	-2	35	114	-26	-3	-23	-57	72	11	-42	50	46	11	3	-13	-36	-50	-79	
Interconnection		-21	100	-115	2	73	29	66	144	4	27	7	-26	103	42	-13	81	77	42	34	18	-5	-19	-48	
System Total		10443	10661	9917	9677	9358	9270	9148	8974	8984	8820	8833	8824	8790	8817	8911	8704	8686	9138	9512	9888	10162	10582	10826	
SRev ST-Coal		364	349	567	573	573	573	593	593	594	594	612	628	630	631	631	631	631	612	552	512	508	432	299	
SRev ST-Oil		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 CCGT-Gas		89	85	399	495	577	575	613	654	812	929	803	816	722	683	576	661	685	376	351	123	40	50	111	
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 Distillate		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
Syncon		625	625	731	429	580	731	731	731	731	731	731	731	580	731	731	731	731	731	580	731	580	323	323	
Hydro		84	178	120	166	175	134	76	140	118	134	122	128	114	233	115	132	133	120	259	121	227	300	158	
S.Reserve Total		1172	1247	1827	1673	1915	2023	2023	2128	2265	2398	2278	2313	2207	2137	2063	2165	2190	1849	1752	1497	1365	1115	901	1044