

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,176	MW
Hydro	1,890	MW
Distillate	760	MW
Total TNB	7,886	MW
Total IPP	10,897	MW
Total Co-Gen	54	MW
System Total	18,837	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00

TNB Generation	4,738	MW
IPP Generation	8,046	MW
Total Set On Bus	13,756	MW
Maximum Demand	12,863	MW
Spinning Reserve	918	MW
Net Energy	277,129	MWH
Load Factor	89.8	%

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	11833	11136	10996	10632	10416	10212	10202	10060	10039	11165	11934	12604	12543	12425	12385	12588	12609	12115	11918	12341	12863	12580	12180	11697

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	60
PAKA	4
TJGS	85
TNB Total	201
KLPP	73
MPSS	27
PGLA	74
PLPS	39
SGB3	76
SKSP	48
YPGS	68
YPKA	130
IPP Total	536
Total Gas	737

Total Gas Required : 904
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	4
PKLG	134
TEWA	0
TJGS	28
Total	167

Generation Mix

Type	MWh	Percentage
ST-Coal	44,698.00	16.13 %
Gas	27,548.00	9.94 %
Hydro	15,753.00	5.68 %
Distillate	4,231.00	1.53 %
Total TNB	92,230.0	33.28 %
ST-Coal	93,999.0	33.92 %
ST-Oil	13,172.0	4.75 %
Gas	72,296.0	26.09 %
Distillate	555.0	0.20 %
Total IPP	180,022.0	64.96 %
Co-Gen	1,395.0	0.50 %
Total Co-Gen	1,395.0	0.50 %
Total Generation	273,647.0	98.74 %
PLTG	85.0	0.03 %
HVDC	-3,567.0	-1.29 %
Interconnection	-3,482.0	-1.26 %
Net Energy	277,129.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	354
Hydro	138
Syncon	447
Thermal	20
Total	959

Weather Temperature

Weather	Temperature
Morning	Sunny 24
Afternoon	Hot 33

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	
TJGS	ST1C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2A	0	0	123	123	133	128	126	126	124	125	125	126	125	124	126	188	188	188	186	188	188	190	188	188	188
TJGS	GT2B	0	0	0	0	40	127	122	120	121	119	119	120	119	120	120	120	212	213	214	210	212	213	215	211	
TJGS	ST2C	0	0	0	0	89	190	202	206	206	206	206	207	207	251	251	251	251	251	251	251	252	252	250	244	
Total CCGT-Gas		3842	3662	3586	3627	3644	3517	3428	3418	3430	3378	3370	3387	3371	3428	3344	3299	3307	3627	3914	4272	4574	4851	4935	5113	
BSIA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
BSIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY03	9	9	8	9	9	8	8	9	9	9	9	8	9	9	9	8	8	8	8	8	8	8	8	8	
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	37	23	24	23	24	38	23	24	38	23	
KNRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNYR	HY01	78	101	77	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	88	96	101	98	98	93	101	97	97	
KNYR	HY02	80	104	75	89	85	80	0	0	0	0	0	0	0	0	0	91	100	99	103	102	103	98	103	101	
KNYR	HY03	67	101	57	87	83	77	103	54	104	75	81	82	95	103	50	51	54	92	52	81	90	101	102	101	
KNYR	HY04	68	102	56	90	84	0	0	0	0	0	0	0	0	0	0	0	102	102	101	98	102	101	101	82	
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
LPIA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
MNOR	HY01	7	7	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	8	8	8	8	8	8	
PGAU	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	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	0	39	32	39	38	80	77	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY04	-1	110	14	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	153	154	109	-1	-1	-1	-1	-1	
SIHY	HY01	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	16	0	0	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	39	81	36	74	65	39	85	39	85	44	61	79	66	85	36	35	37	48	36	40	40	65	85	82	
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		658	833	537	602	494	414	403	231	328	259	281	300	320	452	276	254	245	315	447	749	697	959	992		
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TEWA	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2A	219	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2B	213	116	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST2C	239	135	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Distillate		671	273	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PCUF	CUFG	20	20	19	19	19	19	19	19	18	18	20	17	19	19	19	20	18	19	21	20	19	19	19	19	
PCUF	CUFK	33	32	31	31	31	33	34	31	34	31	34	33	31	31	33	36	34	32	33	33	32	32	32	32	
Total Co-Gen		53	52	50	50	50	52	53	50	54	49	52	53	48	50	52	54	53	51	53	52	50	53	53		
Total Gen		11733	11329	10950	10789	10687	10474	10286	10076	10092	9856	9866	9909	9866	10070	9801	9739	9701	10465	10952	11583	11847	12381	12483		

Daily MW Generation On Saturday

10-Dec-2011

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
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		-197	-294	-293	-292	-293	-293	-293	-293	-295	-293	-296	-293	-294	-294	-294	-293	-294	-98	-98	-98	-98	-98	-98	-98
TIE-PLTG		97	65	107	-30	-16	11	-53	7	-31	-30	-51	-53	-40	-68	35	76	-44	-18	81	-36	11	-45	-23	-75
Interconnection		-100	-229	-186	-322	-309	-281	-346	-286	-324	-323	-346	-346	-336	-361	-259	-218	-338	-311	-213	-134	-87	-143	-121	-173
System Total		11833	11558	11136	11111	10996	10755	10632	10362	10416	10179	10212	10255	10202	10431	10060	9957	10039	10776	11165	11717	11934	12524	12604	12769
SRev ST-Coal		-89	-89	-81	-90	-80	-72	18	43	140	250	256	248	292	285	293	289	295	-46	0	28	7	15	20	22
SRev ST-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 ST-Oil		3	3	3	3	4	4	3	3	3	3	3	3	3	-3	-3	-3	-3	-3	-3	2	2	12	21	21
SRev CCGT-Gas		568	428	484	823	626	663	752	762	750	802	810	793	809	752	836	881	873	553	546	558	416	339	485	467
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		29	427	194	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	474	474	625	731	731	731	882	731	731	731	731	731	625	539	474	474	388	474	474	625	625	625	474
Hydro		204	180	472	206	208	183	89	110	14	83	61	42	173	147	117	139	148	78	161	145	262	105	218	126
S.Reserve Total		1340	1423	1546	1567	1489	1509	1593	1800	1638	1869	1861	1817	1857	1655	1974	2037	2044	1313	1329	1267	1161	935	1123	1110