

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	3,991	MW
Hydro	1,923	MW
Distillate	60	MW
Total TNB	8,104	MW
Total IPP	10,387	MW
Total Co-Gen	85	MW
System Total	19,136	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

TNB Generation	5,487	MW
IPP Generation	6,245	MW
Total Set On Bus	12,460	MW
Maximum Demand	11,786	MW
Spinning Reserve	643	MW
Net Energy	247,798	MWH
Load Factor	87.6	%

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	10997	10469	10170	9672	9527	9413	9291	9350	8847	9291	9769	10204	10382	10288	10431	10475	10557	10396	10142	10539	11712	11786	11605	11477

Gas Usage

Station	(mmscfd)
GLGR	59
PAKA	7
PGPS	33
SRDG	7
TJGS	186
TNB Total	292
KLPP	64
PGLA	54
PLPS	113
SKSP	49
YPGS	50
YPKA	54
IPP Total	384
Total Gas	675
Total Gas Required :	675
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	45,106.00	18.20 %
Gas	40,206.00	16.23 %
Hydro	17,838.00	7.20 %
Total TNB	103,150.0	41.63 %
ST-Coal	89,956.0	36.30 %
Gas	52,167.0	21.05 %
Total IPP	142,123.0	57.35 %
Co-Gen	2,288.0	0.92 %
Total Co-Gen	2,288.0	0.92 %
Total Generation	247,561.0	99.90 %
PLTG	340.0	0.14 %
HVDC	-577.0	-0.23 %
Interconnection	-237.0	-0.10 %
Net Energy	247,798.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	228
Hydro	118
Syncon	357
Thermal	182
Total	885

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31

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
CEND	HY02	7	7	7	7	8	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7
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	24	23	23	24	24	23	24	27	26	26	26	26	26	27	27	26	26	26	27	25	26	26	27	26
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	108	108	108	108	108	109	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
KNYR	HY02	100	99	100	99	100	101	99	101	100	99	100	99	98	99	101	99	101	101	100	101	99	101	101	101
KNYR	HY03	107	107	107	107	107	107	107	107	107	107	106	107	107	107	107	107	107	107	107	107	107	107	107	107
KNYR	HY04	107	106	106	106	107	107	106	107	106	106	105	106	107	106	107	106	105	107	106	105	107	107	107	106
LPIA	HY01	23	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17
MNOR	HY01	7	7	7	7	7	7	3	3	3	3	4	4	4	4	4	4	5	5	3	3	5	5	5	5
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	-1	-1	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	50	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	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
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	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	31	30	30	30	32	34	28	33	32	28	32	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	31	34	34
TMGR	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
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	32	29	32	35	32	36	34	32	29	36	37	36	36	34	34	33
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	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		709	704	705	705	709	564	554	562	559	552	558	586	550	579	563	556	564	562	556	551	588	568	565	565
PCUF	CUFG	50	53	53	53	53	53	51	52	52	54	54	52	54	53	52	51	54	51	53	52	53	48	49	48
PCUF	CUFK	39	39	38	39	39	39	39	39	38	39	40	39	40	39	39	38	40	40	39	38	37	39	38	38
Total Co-Gen		89	92	91	92	92	90	91	90	93	94	91	94	92	90	93	90	91	85	84	83	85	82	85	85
Total Gen		11035	10795	10453	10346	10126	9790	9659	9524	9480	9448	9370	9391	9351	9386	9266	9076	8788	8913	9355	9464	9702	10024	10163	10380
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		-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29
TIE-PLTG		67	36	12	34	-15	-32	16	-33	-18	49	-14	-1	89	-6	-55	12	-30	-60	93	30	-38	-16	-12	-2
Interconnection		38	7	-16	6	-44	-61	-13	-62	-47	20	-43	-30	60	-35	-84	-17	-59	-89	64	1	-67	-45	-41	
System Total		10997	10788	10469	10340	10170	9851	9672	9586	9527	9428	9413	9421	9291	9421	9350	9093	8847	9002	9291	9463	9769	10069	10204	10411
SRev ST-Coal		53	156	179	169	285	430	432	441	431	434	426	426	430	429	431	470	473	464	452	437	424	428	417	322
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		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		700	835	799	787	655	640	746	773	821	842	947	944	940	942	929	944	1123	1113	895	835	642	287	328	214
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

