

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,116	MW
Hydro	1,904	MW
Distillate	60	MW
Total TNB	8,210	MW
Total IPP	10,847	MW
Total Co-Gen	89	MW
System Total	19,706	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30	
TNB Generation	5,661 MW
IPP Generation	6,281 MW
Total Set On Bus	12,975 MW
Maximum Demand	12,157 MW
Spinning Reserve	944 MW
Net Energy	256,440 MWH
Load Factor	87.9 %

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	10019	9663	9399	8989	8724	8655	8623	8923	9439	10544	11141	11653	11677	11664	11917	12076	12136	11887	11164	11095	11964	11777	11531	11192

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	44
PGPS	53
SRDG	11
TJGS	211
TNB Total	373
KLPP	114
PGLA	111
PLPS	111
SGB3	29
SKSP	51
YPGS	56
YPKA	52
IPP Total	523
Total Gas	896
Total Gas Required :	896
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	45,763.00	17.85 %
Gas	51,183.00	19.96 %
Hydro	20,418.00	7.96 %
Total TNB	117,364.0	45.77 %
ST-Coal	64,482.0	25.15 %
Gas	71,150.0	27.75 %
Total IPP	135,632.0	52.89 %
Co-Gen	2,310.0	0.90 %
Total Co-Gen	2,310.0	0.90 %
Total Generation	255,306.0	99.56 %
PLTG	-556.0	-0.22 %
HVDC	-578.0	-0.23 %
Interconnection	-1,134.0	-0.44 %
Net Energy	256,440.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	113
Hydro	185
Syncon	348
Thermal	261
Total	907

Weather Temperature

Weather	Temperature
Morning	Sunny 28
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																									
BSIA	HY02	11	11	11	11	11	11	11	11	11	11	11	22	22	22	22	21	21	22	22	22	22	22	22	21	22	22	22	22	21	22	22	22	22	21	21														
BSIA	HY03	10	12	0	0	0	0	0	0	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0														
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	8	8	8	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8													
CEND	HY02	7	8	7	7	7	7	8	7	7	7	8	8	8	9	10	10	10	10	10	8	9	9	9	9	9	9	9	8	9	9	9	8	9	9	9	9													
CEND	HY03	7	7	7	7	7	7	7	7	7	7	7	8	8	8	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8													
KNRG	HY01	16	24	0	0	0	0	0	0	0	0	0	0	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	21	22	21	22	22	21	22	22	23	24	23	24	23	21	23	22	22	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24												
KNRG	HY03	22	24	24	24	25	0	0	0	0	0	0	0	0	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	108	105	104	103	103	59	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108												
KNYR	HY02	104	107	103	103	105	102	103	102	102	102	57	109	109	108	108	109	109	107	105	105	108	107	107	108	108	109	109	107	100	100	101	101	101	101	101	101	101												
KNYR	HY03	106	107	105	105	107	104	103	102	102	102	101	106	106	105	107	107	106	107	106	106	108	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107											
KNYR	HY04	107	107	107	107	107	107	105	104	103	104	103	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107											
LPIA	HY01	20	20	23	21	20	20	20	20	20	20	20	20	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22												
LPIA	HY02	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19												
MNOR	HY01	8	8	5	5	5	5	3	3	3	3	3	3	3	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8												
PGAU	HY01	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1												
PGAU	HY02	110	111	-1	-1	-1	-1	-1	-1	-1	32	-1	-1	-1	-1	-1	-1	-1	-1	110	110	110	110	111	114	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1												
PGAU	HY03	103	-1	-1	-1	-1	-1	-1	-1	-1	-1	112	111	118	111	-1	-1	-1	-1	80	80	114	-1	-1	-1	-1	-1	109	113	113	115	117	-1	-1	-1	-1	-1	-1												
PGAU	HY04	102	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	82	111	112	114	112	114	124	114	110	147	112	110	114	116	115	29	18	-1	-1												
SIHY	HY01	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	50	50	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49												
SIHY	HY02	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50												
SIHY	HY03	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	50	50	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49												
SYPS	HY01	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25											
SYPS	HY02	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25											
SYPS	HY03	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25											
SYPS	HY04	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25											
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1												
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1												
TMGR	HY03	46	34	24	26	28	22	30	28	27	27	24	35	36	33	36	32	26	31	27	28	33	79	79	80	87	82	86	82	84	32	36	34	36	36	34	37	31												
TMGR	HY04	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	81	79	82	77	37	36	39	37	38	39	38	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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4											
Total Hydro		1236	864	585	587	593	543	546	539	535	537	476	566	681	674	689	675	551	563	556	726	663	1133	1190	1329	1220	1194	1379	1194	1095	1277	1218	1213	1227	1233	994	673	603	589	654	1048	1299	1234	1055	1038	876	686	604	603	
PCUF	CUFG	52	51	50	51	51	51	54	52	53	52	53	52	49	52	53	51	51	51	49	48	49	50	51	51	52	53	53	52	54	53	54	54	51	51	52	55	53	54	51	53	50	50	51	52	51				
PCUF	CUFK	40	39	39	39	39	39	40	39	39	39	39	40	39	40	41	39	37	39	38	36	35	34	34	34	35	34	35	34	35	34	35	35	36	36	35	36	36	35	36	36	37	35	35	37	38	38	37	37	37
Total Co-Gen		92	90	89	90	90	93	92	91	91	92	91	93	91	89	92	94	90	88	90	87	84	84	84	85	85	87	87	88	88	88	89	90	87	86	88	91	90	89	86	90	88	88	88	89	88	88	89	88	
Total Gen		10014	9738	9622	9434	9354	9199	8989	8873	8782	8780	8626	8440	8576	8674	8820	9142	9565	9936	10453	10841	11064	11440	11537	11641	11587	11549	11549	11517	11758	12033	11994	12008	12037	12031	11824	11368	11178	10938	11025	11633	11999	11947	11789	11741	11525	11301	11119	11015	
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	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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		25	-59	-12	-44	-16	107	29	8	87	76	0	-5	-18	-44	-74	93	155	-127	-61	-6	-48	-13	-87	-78	-61	-54	-86	-136	-130	7	-52	-37	-70	-97	-34	-109	43	16	-42	-32	4	-5	-19	10	23	-14	-44	-27	
Interconnection		-5	-89	-41	-73	-45	78	0	-21	58	47	-29	-34	-47	-73	-103	64	126	-156	-91	-36	-77	-42	-116	-107	-90	-83	-115	-165	-159	-22	-82	-67	-99	-126	-63	-138	14	-13	-70	-60	35	26	12	41	-6	-43	-73	-56	
System Total		10019	9827	9663	9507	9399	9121	8989	8894	8724	8733	8655	8474	8623	8747	8923	9078																																	

