

Availability At Daily Maximum Demand Hour

ST-Coal	1,870	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	3,626	MW
Hydro	1,705	MW
Distillate	60	MW
Total TNB	7,411	MW
Total IPP	11,542	MW
Total Co-Gen	81	MW
System Total	19,584	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

TNB Generation	5,025	MW
IPP Generation	7,063	MW
Total Set On Bus	13,064	MW
Maximum Demand	12,136	MW
Spinning Reserve	895	MW
Net Energy	254,134	MWH
Load Factor	87.3	%

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	11323	10864	10273	9914	9786	9631	9646	9708	9121	9620	10207	10629	10693	10120	10388	10329	10906	10661	10558	10717	12054	12136	11859	11748

Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	29
PAKA	93
PGPS	50
TJGS	155
TNB Total	355
KLPP	108
MPSS	26
PGLA	102
PLPS	104
SGB3	66
SKSP	50
YPKA	101
IPP Total	557
Total Gas	913
Total Gas Required :	913
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	34,755.00	13.68 %
Gas	47,788.00	18.80 %
Hydro	12,327.00	4.85 %
Total TNB	94,870.0	37.33 %
ST-Coal	83,017.0	32.67 %
ST-Gas	72.0	0.03 %
Gas	75,679.0	29.78 %
Total IPP	158,768.0	62.47 %
Co-Gen	2,219.0	0.87 %
Total Co-Gen	2,219.0	0.87 %
Total Generation	255,857.0	100.68 %
PLTG	312.0	0.12 %
EGAT	687.0	0.27 %
HVDC	724.0	0.28 %
Interconnection	1,723.0	0.68 %
Net Energy	254,134.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	334
Hydro	177
Syncon	394
Thermal	206
Total	1112

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																											
TJGS	GT2A	220	220	220	219	221	223	209	209	190	190	190	190	183	184	183	182	183	183	216	215	214	213	216	214	213	213	213	212	212	213	213	214	214	213	214	215	215	216	218	218	216	215	217								
TJGS	GT2B	220	217	219	217	219	222	204	204	185	185	185	184	184	184	184	179	179	179	177	177	178	216	213	213	213	214	211	211	211	211	211	211	211	211	211	213	213	213	213	213	213	213	216	216	214	214	217				
TJGS	ST2C	265	264	265	265	265	266	253	254	241	241	241	241	242	241	242	239	239	239	240	240	240	264	264	264	264	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	264	264	264	263	264	265				
Total CCGT-Gas		5867	5769	5543	5161	5078	4967	4769	4777	4738	4711	4766	4737	4742	4776	4789	4677	4664	4771	4794	4704	4839	4813	5183	5392	5375	5478	4977	5027	5073	5028	4968	5457	5397	5263	5163	5022	4842	4812	5015	5257	5435	5558	5531	5595	5375	5575	5332	5315			
PAKA	GT3A	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	60	59	92	92	92	92	92	92	92	92	59	60	92		
Total 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	0	0	0	0	0	0	0	0	0	0	0	60	59	92	92	92	92	92	92	92	92	59	60	92			
BSIA	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	20	20	20	21	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11				
CEND	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	10	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
CEND	HY02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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	7	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	HY02	37	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	38		
KNYR	HY01	100	102	100	102	101	100	100	101	101	100	-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	-1	-1		
KNYR	HY02	98	100	99	100	100	98	98	100	100	99	100	99	100	100	98	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
KNYR	HY03	100	101	99	101	101	99	99	101	101	100	101	100	101	101	99	101	101	102	101	60	60	61	100	100	101	100	102	102	102	101	99	101	101	101	101	99	59	62	102	101	102	101	101	100	101	100	101	102	100		
KNYR	HY04	100	102	100	102	101	100	100	101	101	100	101	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
LPJA	HY01	17	16	15	15	15	15	15	15	13	13	13	13	13	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
LPJA	HY02	16	17	17	17	16	16	16	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
MNOR	HY01	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
PGAU	HY01	79	79	73	-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	-1	-1	-1	-1	-1	-1	-1	-1	-2		
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	81	81	-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		
PGAU	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
SIHY	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	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	
SIHY	HY02	49	49	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		
SIHY	HY03	50	50	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		
SYPS	HY01	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	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	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	-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	42	38	42	40	37	37	41	41	38	41	39	40	42	42	35	41	84	83	41	66	40	41	40	39	41	38	42	43	43	39	37	42	42	40	41	37	37	43	43	39	40	40	41	38	40	51	38			
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	-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		
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	4	4	4	4	4	4	4	4	4	4	4	4	
UPIA	HY02	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		839	749	632	569	560	551	551	560	560	551	538	433	436	438	351	346	252	290	296	300	284	258	260	412	411	300	296	377	465	460	372	370	430	426	425	400	394	317	326	802	998	1004	999	974	962	807	824	800			
PCUF	CUFG	54	51	52	52	53	53	51	52	54	54	54	52	52	52	51	53	52	51	51	53	54	51	53	54	5																										

