

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,386	MW
Hydro	1,855	MW
Distillate	60	MW
Total TNB	8,431	MW
Total IPP	10,902	MW
Total Co-Gen	82	MW
System Total	19,975	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 21:00

TNB Generation	5,209	MW
IPP Generation	6,724	MW
Total Set On Bus	12,908	MW
Maximum Demand	12,024	MW
Spinning Reserve	893	MW
Net Energy	255,144	MWH
Load Factor	88.4	%

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	11499	11020	10518	10136	9952	9678	9638	9591	9048	9553	10150	10633	10850	10714	10894	10961	10863	10535	10295	10821	11969	12024	11884	11529

Gas Usage

Station	(mmscfd)
CBPS	53
GLGR	55
PGPS	48
TJGS	213
TNB Total	369
KLPP	78
PGLA	112
PLPS	112
SGB3	61
SKSP	52
YPGS	66
YPKA	34
IPP Total	514
Total Gas	882
Total Gas Required :	882
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,064.00	18.05 %
Gas	52,023.00	20.39 %
Hydro	10,436.00	4.09 %
Total TNB	108,523.0	42.53 %
ST-Coal	74,310.0	29.12 %
ST-Gas	827.0	0.32 %
Gas	70,153.0	27.50 %
Total IPP	145,290.0	56.94 %
Co-Gen	2,005.0	0.79 %
Total Co-Gen	2,005.0	0.79 %
Total Generation	255,818.0	100.26 %
PLTG	-44.0	-0.02 %
HVDC	718.0	0.28 %
Interconnection	674.0	0.26 %
Net Energy	255,144.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	89
Hydro	137
Syncon	417
Thermal	138
Total	781

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

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	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	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
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	31	36	36	35	35
KNRG	HY02	36	36	36	36	36	36	36	36	36	36	36	37	38	37	37	37	37	37	37	37	37	37	0	0	0
KNYR	HY01	104	104	100	100	96	70	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	106	94	96	
KNYR	HY02	106	106	105	104	92	70	79	104	71	82	66	93	91	109	91	67	104	68	81	109	68	109	85	99	94
KNYR	HY03	105	105	104	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	105	105	104	104	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	51	87	
LPIA	HY01	14	16	19	17	19	19	22	21	19	15	17	19	21	22	18	20	22	19	17	19	21	21	18	20	19
LPIA	HY02	18	18	18	18	18	18	17	16	16	16	16	16	16	16	16	16	16	16	16	9	17	18	19	19	18
MNOR	HY01	7	7	7	7	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
PGAU	HY01	114	133	113	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	76	25	75	112	108	-1	-1	-1	-1	-1
PGAU	HY02	111	130	110	80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	117	135	111	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-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	0
SIHY	HY01	50	50	50	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	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	0
SYPS	HY01	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	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	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	0
SYPS	HY04	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	82	61	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	82	83	62	39	37	34	36	37	34	35	32	36	37	42	37	32	39	34	35	38	33	38	40	38	34
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
UPLA	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
UPLA	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
Total Hydro		1142	1284	1174	771	565	363	304	253	214	222	205	238	239	263	236	210	257	212	264	257	289	285	334	347	
PCUF	CUFG	52	53	52	51	53	52	53	52	54	50	55	54	52	53	53	52	50	53	54	51	51	52	52	51	54
PCUF	CUFK	27	33	27	28	28	26	26	27	26	26	27	27	26	25	26	26	24	24	25	23	23	25	24	25	24
Total Co-Gen		79	86	79	79	81	78	79	79	80	76	82	81	78	78	79	77	76	79	80	75	78	77	78	80	
Total Gen		11510	11261	11065	10805	10584	10405	10206	10076	9965	9975	9766	9691	9639	9756	9606	9402	9034	9428	9588	9792	10188	10461	10675	10844	
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
TIE-HVDC		30	30	30	31	29	29	29	29	30	30	30	30	31	31	29	29	29	29	30	30	30	30	31	31	31
TIE-PLTG		-19	6	15	-42	37	41	41	0	-17	25	58	-74	-29	-74	-16	66	-43	23	6	-88	9	-38	12	-20	
Interconnection		11	36	45	-11	66	70	70	29	13	55	88	-44	1	-44	15	97	-14	52	35	-59	38	-9	42		
System Total		11499	11225	11020	10816	10518	10335	10136	10047	9952	9920	9678	9735	9638	9800	9591	9305	9048	9376	9553	9851	10150	10470	10633	10834	
SRev ST-Coal		407	407	407	373	458	404	450	492	492	492	486	495	493	496	483	454	533	533	534	536	510	497	431	225	
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	0
SRev CCGT-Gas		167	92	116	98	119	149	318	363	427	422	625	696	738	649	767	957	1180	752	641	416	284	104	76	127	
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	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	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	0
Syncon		172	86	86	474	625	625	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626

Daily MW Generation On Sunday
08-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																								
Hydro		137	81	191	156	106	153	106	82	121	113	130	97	96	72	99	125	78	123	373	78	197	201	152	139	133	99	91	96	79	166	257	254	124	106	89	34	140	114	191	135	245	234	206	220	225	123	101	124
S.Reserve Total		883	666	800	1101	1308	1436	1500	1563	1666	1653	1867	1914	1953	1843	1975	2162	2417	2034	1872	1656	1466	1277	1134	966	947	1010	1002	906	829	917	993	1046	1189	1318	1566	1699	1957	1941	1415	933	952	930	893	907	994	1150	1113	1124