

Availability At Daily Maximum Demand Hour

ST-Coal	1,100 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,636 MW
Hydro	1,812 MW
Distillate	0 MW
Total TNB	6,618 MW
Total IPP	10,097 MW
Total Co-Gen	80 MW
System Total	16,795 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	4,977 MW
IPP Generation	9,369 MW
Total Set On Bus	15,597 MW
Maximum Demand	14,394 MW
Spinning Reserve	1,171 MW
Net Energy	306,646 MWH
Load Factor	88.8 %
Total Cost	60,012,425 RM
Cost per Unit	20.31 cents/kWH

Maximum Demand Record

Date :	13/05/2013	16,562.0MW
Date :	25/06/2013	345,254.0MWH

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	12301	11720	11259	10897	10697	10672	11061	11078	11495	12896	13618	14119	14222	13786	14170	14326	14339	14066	13064	13023	14001	13677	13317	12854

Gas Usage

Station	(mmscfd)
CBPS	75
GLGR	50
PAKA	153
PGPS	54
SRDG	76
TJGS	114
TNB Total	522
KLPP	85
MPSS	58
PDPS	25
PGLA	121
PKLG	123
PLPS	110
PTEK	12
SGB3	96
SGRI	212
SKSP	57
YPGS	70
YPKA	79
IPP Total	1,047
Total Gas	1,570

Total Gas Required : 1,570
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	26,388.00	8.61 %
Gas	63,042.00	20.56 %
Hydro	11,576.00	3.78 %
Total TNB	101,006.0	32.94 %
ST-Coal	72,262.0	23.57 %
ST-Gas	12,031.0	3.92 %
Gas	119,835.0	39.08 %
Total IPP	204,128.0	66.57 %
Co-Gen	1,924.0	0.63 %
Total Co-Gen	1,924.0	0.63 %
Total Generation	307,058.0	100.13 %
PLTG	-310.0	-0.10 %
HVDC	722.0	0.24 %
Interconnection	412.0	0.13 %
Net Energy	306,646.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	257
Hydro	166
Syncon	501
Thermal	48
Total	972

Weather Temperature

	Weather	Temperature
Morning	Cloudy	26
Afternoon	Hot	35

Daily MW Generation On Tuesday

28-Jan-2014

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
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
SIHY	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	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	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	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
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	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	HY04	33	37	38	41	36	33	33	38	36	39	36	43	40	33	34	35	36	37	35	34	36	35	39	36
UPIA	HY01	4	4	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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		243	190	192	198	190	183	183	218	210	187	192	190	202	310	293	187	211	192	393	431	530	632	779	
PCUF	CUFG	43	44	43	44	42	45	44	44	43	43	44	44	44	45	44	44	42	43	42	43	42	42	42	41
PCUF	CUFK	36	38	37	36	39	39	40	41	39	42	40	40	40	38	39	38	37	37	36	37	36	34	36	36
Total Co-Gen		79	82	80	80	81	84	84	85	82	85	83	84	82	83	83	81	81	79	79	79	80	78	78	
Total Gen		12355	12078	11759	11438	11249	11045	10921	10892	10729	10581	10707	10635	10968	11160	11112	11003	11479	12306	12904	13310	13642	13965	14159	
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		31	31	29	29	30	30	30	30	30	31	31	30	30	30	30	29	29	29	30	30	30	29	29	31
TIE-PLTG		23	22	10	-45	-40	8	-6	-1	2	-66	4	-11	-123	-43	4	-26	-46	83	-21	-21	-6	10	10	-68
Interconnection		54	53	39	-16	-10	38	24	29	32	-36	35	20	-93	-13	34	4	-16	112	8	8	24	40	40	
System Total		12391	12025	11720	11454	11259	11007	10897	10863	10697	10617	10672	10615	11061	11173	11078	10999	11495	12194	12896	13302	13618	13925	14119	
SRev ST-Coal		70	69	68	70	65	73	70	64	71	68	70	65	70	66	70	74	75	69	67	69	70	65	69	69
SRev ST-Gas		4	3	4	4	4	74	84	75	75	75	74	74	74	80	40	14	4	4	4	5	5	5	5	5
SRev CCGT-Gas		382	168	189	495	686	816	859	809	947	1093	950	1011	717	612	680	685	708	367	185	191	291	151	165	174
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	28	150	181	123	27	37
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	731	731	731	731	731	580	580	731	731	731	580	580	731	580	731	731	731	625	625	625	625	474	625
Hydro		173	120	119	112	121	127	127	244	251	125	118	120	108	151	168	123	251	119	128	90	99	222	200	188
S.Reserve Total		1254	1091	1111	1412	1607	1821	1871	1772	1924	2090	1943	2006	1695	1487	1568	1683	1693	1332	1175	1111	1238	1253	1183	