

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,806	MW
Hydro	1,812	MW
Distillate	0	MW
Total TNB	7,068	MW
Total IPP	10,089	MW
Total Co-Gen	50	MW
System Total	17,207	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30	
TNB Generation	5,534 MW
IPP Generation	9,306 MW
Total Set On Bus	15,774 MW
Maximum Demand	14,824 MW
Spinning Reserve	884 MW
Net Energy	304,714 MWH
Load Factor	85.6 %
Total Cost	54,502,153 RM
Cost per Unit	18.68 cents/kWH

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	11575	10786	10422	10198	10013	9989	10251	10542	11169	12834	13655	14139	14323	14012	14458	14669	14793	14486	13384	13213	14246	14022	13428	13140

Gas Usage

Station	(mmsefd)
CBPS	71
GLGR	65
PAKA	146
PGPS	48
SRDG	90
TJGS	113
TNB Total	532
KLPP	80
MPSS	59
PDPS	46
PGLA	119
PKLG	97
PLPS	75
PTEK	37
SGB3	94
SGRI	200
SKSP	56
YPGS	69
YPKA	64
IPP Total	996
Total Gas	1,528

Total Gas Required : 1,528
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	30,904.00	10.14 %
Gas	63,401.00	20.81 %
Hydro	13,500.00	4.43 %
Total TNB	107,805.0	35.38 %
ST-Coal	71,924.0	23.60 %
ST-Gas	9,509.0	3.12 %
Gas	114,288.0	37.51 %
Total IPP	195,721.0	64.23 %
Co-Gen	1,713.0	0.56 %
Total Co-Gen	1,713.0	0.56 %
Total Generation	305,239.0	100.17 %
PLTG	-110.0	-0.04 %
HVDC	635.0	0.21 %
Interconnection	525.0	0.17 %
Net Energy	304,714.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	370
Hydro	173
Syncon	396
Thermal	73
Total	1011

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
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
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
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	37	38	40	35	36	35	38	36	35	38	38	37	41	41	32	25	37	43	37	39	42	40	40	41
UPIA	HY01	5	5	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		183	184	185	175	179	176	181	179	177	207	182	204	187	362	521	331	436	531	514	526	527	812	894	1039
PCUF	CUFK	43	44	44	44	43	44	44	44	43	43	43	44	44	43	43	43	44	44	44	44	43	44	44	44
PCUF	CUFK	39	40	39	40	39	41	42	37	38	39	38	39	39	39	39	11	11	8	8	6	7	6	7	6
Total Co-Gen		82	84	83	84	82	85	86	81	82	82	81	82	83	84	85	83	83	82	82	54	55	52	51	52
Total Gen		11521	11054	10767	10564	10467	10270	10146	10194	10075	10054	10034	10051	10242	10729	10618	10720	11268	12302	12974	13321	13681	14065	14220	14469
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	-30	31	29	29	30	30	29	31	30	30	30	30	30	30	30	30	31	31	31	31	31	31
TIE-PLTG		-25	-47	11	-52	16	-64	-82	37	33	-23	15	-60	-38	-137	46	24	69	67	110	41	-4	6	50	
Interconnection		-54	-76	-19	-21	45	-35	-52	67	62	8	45	-30	-9	-108	76	54	99	97	140	71	26	36	81	
System Total		11575	11130	10786	10585	10422	10305	10198	10127	10013	10046	9989	10081	10251	10837	10542	10666	11169	12205	12834	13250	13655	14029	14139	14429
SRev ST-Coal		17	-3	-1	9	4	7	1	16	0	0	16	-1	13	-4	13	5	74	98	87	83	63	85	83	77
SRev ST-Gas		0	0	0	0	0	0	0	-22	-52	-98	-134	69	72	81	53	26	23	23	18	4	5	5	5	5
SRev CCGT-Gas		326	336	261	445	549	743	879	809	943	1016	1024	1093	908	464	657	773	1082	448	420	240	270	294	309	300
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201	102	288	262	173	197	145	205	198
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		731	731	731	731	731	731	731	731	580	731	580	731	474	474	625	625	625	625	625	625	625	625	474	323
Hydro		109	108	107	117	113	116	111	113	115	236	110	239	105	187	143	282	177	87	104	92	91	166	235	241
S.Reserve Total		1183	1172	1098	1302	1397	1597	1722	1669	1789	1810	1829	1813	1623	1190	1359	1766	2011	1485	1361	1351	1329	1347	1303	1091