

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,691	MW
Hydro	1,707	MW
Distillate	0	MW
Total TNB	7,538	MW
Total IPP	9,332	MW
Total Co-Gen	83	MW
System Total	16,953	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30		
TNB Generation	5,873	MW
IPP Generation	8,356	MW
Total Set On Bus	15,405	MW
Maximum Demand	14,362	MW
Spinning Reserve	1,093	MW
Net Energy	307,736	MWH
Load Factor	89.3	%
Total Cost		RM
Cost per Unit		RM

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	12610	12072	11519	11187	10882	10788	10844	11154	11541	12814	13542	14243	14183	13687	13622	14063	14268	13953	13158	13492	13868	13689	13218	12786

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	65
PAKA	197
PGPS	53
SRDG	62
TJGS	109
TNB Total	533
KLPP	43
MPSS	59
PDPS	34
PGLA	108
PKLG	115
PTEK	32
SGB3	36
SGRI	204
SKSP	56
YPGS	33
YPKA	131
IPP Total	851
Total Gas	1,384

Total Gas Required : 1,384
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,660.00	16.14 %
Gas	64,806.00	21.06 %
Hydro	7,453.00	2.42 %
Total TNB	121,919.0	39.62 %
ST-Coal	77,687.0	25.24 %
ST-Gas	11,245.0	3.65 %
Gas	94,132.0	30.59 %
Total IPP	183,064.0	59.49 %
Co-Gen	1,992.0	0.65 %
Total Co-Gen	1,992.0	0.65 %
Total Generation	306,975.0	99.75 %
PLTG	-61.0	-0.02 %
HVDC	-700.0	-0.23 %
Interconnection	-761.0	-0.25 %
Net Energy	307,736.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	252
Hydro	192
Syncon	568
Thermal	57
Total	1068

Weather Temperature

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	32

Table with columns: Station, Unit, 0000-2300. Rows include various power generation units (e.g., SGRI, YPGS, PDKS, PGLA, PTEK, SRDG, BSIA, CEND, KNRG, KNYR, LPLA, MNOR, PGAU, SIHY, SYPS) and their hourly output in MW.

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	
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	36	46	43	40	48	35	34	34	35	29	30	38	38	42	37	39	24	36	34	39	22	38	41	35	
UPIA	HY01	4	2	2	2	2	2	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	
UPIA	HY02	7	6	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		344	204	240	195	211	188	209	185	187	176	181	197	195	226	194	197	174	191	526	567	586	683	789	730	
PCUF	CUFG	45	45	44	44	44	44	44	45	45	46	47	47	45	45	45	45	46	45	43	42	42	42	41	40	
PCUF	CUFK	40	39	40	40	39	39	39	42	40	40	39	40	39	39	40	40	35	38	38	38	37	38	38	37	
Total Co-Gen		85	84	84	84	83	83	83	87	85	86	86	87	84	84	87	86	85	85	85	84	83	82	77	80	
Total Gen		12580	12094	12064	11475	11477	11285	11161	11137	10853	10830	10838	10898	10833	11083	11073	11141	11670	12050	12744	13203	13637	13824	14177	14313	
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	-31	-30	-29	-29	-29	-29	-28	-29	-28	-30	-29	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-30	
TIE-PLTG		-5	-41	20	-1	-15	61	1	-7	-3	61	76	-64	16	-44	-53	-61	155	-24	-42	-111	123	-70	-37		
Interconnection		-34	-72	-10	-30	-44	32	-28	-36	-31	32	48	-94	-13	-74	-83	-90	127	-83	-71	-140	94	-100	-67		
System Total		12614	12166	12074	11505	11521	11253	11189	11173	10884	10798	10790	10992	10846	11157	11156	11231	11543	12103	12815	13343	13543	13924	14244	14363	
SRev ST-Coal		59	66	55	54	53	57	56	55	60	53	60	124	128	132	57	57	59	57	63	62	62	60	63	65	
SRev ST-Gas		0	42	70	74	72	72	71	72	72	72	71	72	73	72	72	68	3	0	0	0	0	0	0	0	0
SRev CCGT-Gas		401	446	293	691	675	836	981	989	1261	1280	1281	1092	1142	969	1061	1005	991	694	345	133	312	177	133	141	
SRev OCGT-Gas		30	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	86	132	140	45	142	36	
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	
Synoon		726	726	726	726	726	726	575	726	726	726	726	726	726	575	726	726	726	726	625	625	625	625	474	625	
Hydro		169	109	73	118	102	125	255	128	126	137	132	116	118	238	119	121	144	122	94	104	235	155	225	133	
S.Reserve Total		1470	1481	1302	1748	1713	1901	2023	2055	2330	2353	2356	2214	2271	2072	2120	2066	2071	1694	1206	1150	1405	1236	1117	1092	