

Availability At Daily Maximum Demand Hour

ST-Coal	1,320 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,934 MW
Hydro	1,754 MW
Distillate	0 MW
Total TNB	7,008 MW
Total IPP	12,026 MW
Total Co-Gen	33 MW
System Total	19,067 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,087 MW
IPP Generation	10,948 MW
Total Set On Bus	17,242 MW
Maximum Demand	16,038 MW
Spinning Reserve	1,174 MW
Net Energy	340,388 MWH
Load Factor	88.4 %
Total Cost	63,248,633 RM
Cost per Unit	18.92 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	13917	13479	12991	12594	12359	12308	12200	12086	12312	14124	14900	15538	15555	15058	15248	15895	16038	15569	14496	14172	14771	15122	14873	14681

Gas Usage

Station	(mmscfd)
CBPS	15
GLGR	58
PAKA	190
PGPS	42
SRDG	20
TJGS	217
TNB Total	542
KLPP	105
MPSS	56
PDPS	20
PGLA	109
PKLG	68
PLPS	95
PTEK	20
SGB3	90
SGRI	189
SKSP	37
YPGS	67
YPKA	129
IPP Total	985
Total Gas	1,527

Total Gas Required : 1,527
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	31,437.00	9.24 %
Gas	70,520.00	20.72 %
Hydro	7,222.00	2.12 %
Total TNB	109,179.0	32.07 %
ST-Coal	106,366.0	31.25 %
ST-Gas	5,413.0	1.59 %
Gas	119,620.0	35.14 %
Total IPP	231,399.0	67.98 %
Co-Gen	796.0	0.23 %
Total Co-Gen	796.0	0.23 %
Total Generation	341,374.0	100.28 %
PLTG	233.0	0.07 %
HVDC	733.0	0.22 %
Interconnection	966.0	0.28 %
Net Energy	340,408.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	421
Hydro	197
Syncon	434
Thermal	59
Total	1112

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	37

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	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	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	30	43	40	38	40	42	39	40	43	43	37	37	42	41	40	0	0	0	0	0	0	0	0	0																										
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	-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	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		176	196	168	165	167	169	166	166	173	173	425	396	404	404	403	331	399	399	409	384	405	620	739	696	549	391	347	399	340	363	372	367	369	215	157	147	145	166	164	167	168	149	192	180	175	256	192	193		
PCUF	CUFG	15	16	16	16	16	15	14	16	17	15	16	16	15	16	6	6	7	7	7	7	6	8	6	7	7	8	6	5	5	7	6	7	6	7	5	6	6	7	6	7	7	6	7	7	7	7	5			
PCUF	CUFK	23	25	24	24	25	24	25	24	26	26	25	25	22	24	25	25	26	26	25	23	24	26	24	24	23	25	25	25	23	24	26	24	24	25	25	24	23	25	22	24	25	26	25	25	27	8				
Total Co-Gen		38	41	40	40	41	40	40	38	42	43	40	41	38	39	41	31	31	33	33	32	30	30	34	30	31	30	33	31	30	28	30	30	33	30	30	32	30	30	29	32	28	31	32	32	32	34	-3			
Total Gen		14003	13747	13504	13179	13047	12726	12652	12555	12348	12503	12344	12299	12254	12169	12146	11998	12377	13287	14078	14488	14905	15303	15477	15647	15641	15157	15053	15094	15269	15633	15951	15983	16027	15968	15671	15050	14675	14372	14258	14514	14822	15152	15130	14996	14928	14788	14713	14358		
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	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	31	30	30	31	31	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
TIE-PLTG		56	-10	-5	4	25	-7	28	25	-42	-30	6	-26	23	-13	31	8	36	-91	-76	9	-25	31	-91	30	56	-12	-35	2	-9	-15	26	31	0	-37	72	28	149	38	57	9	21	70	-22	1	26	27	2	85		
Interconnection		86	20	25	35	56	23	58	56	-11	0	36	5	54	16	60	38	66	-60	-45	40	6	62	-60	61	87	19	-4	33	22	16	57	61	30	-6	103	59	180	68	87	40	52	101	9	31	56	57	32	115		
System Total		13917	13727	13479	13144	12991	12703	12594	12499	12359	12503	12308	12294	12200	12153	12086	11960	12311	13347	14123	14448	14899	15241	15537	15586	15554	15138	15057	15061	15247	15617	15894	15922	15997	15974	15568	14991	14495	14304	14171	14474	14770	15051	15121	14965	14872	14731	14681	14243		
SRev ST-Coal		42	49	49	45	35	35	33	39	45	43	45	29	27	34	39	29	53	29	26	32	46	31	14	46	64	41	42	46	46	61	52	50	57	55	76	167	178	109	128	50	43	58	29	25	29	35	35	61		
SRev ST-Gas		0	0	9	2	0	0	7	7	40	25	5	0	0	0	8	-2	-2	-5	46	22	0	0	32	28	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		495	517	252	385	572	894	1000	1129	1360	1151	1547	1585	1677	1756	1829	1915	1580	1189	749	743	352	342	245	288	331	584	651	645	413	279	253	237	259	249	366	620	873	1118	1147	905	562	314	163	165	210	153	161	150		
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	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	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		580	580	731	731	731	731	731	731	731	479	630	630	630	630	479	543	543	393	393	393	393	479	478	479	480	393	393	393	393	494	494	494	581	581	430	581	581	580	581	581	581	494	430	581	581	430	430	430		
Hydro		262	242	119	122	120	118	121	121	114	114	214	92	84	84	85	308	89	89	79	104	85	219	255	147	143	201	145	93	127	128	119	124	122	76	285	144	146	126	127	124	123	142	250	111	116	186	250	249		
S.Reserve Total		1379	1388	1160	1285	1458	1778	1892	2027	2290	2064	2290	2336	2418	2504	2591	2729	2263	1845	1293	1294	876	1071	1024	991	1077	1393	1399	1357	1152	1138	1043	1014	1185	1042	1339	1830	2111	2263	2301	1973	1611	1177	1014	998	978	904	986	997		