

Availability At Daily Maximum Demand Hour

ST-Coal	2,010	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,083	MW
Hydro	1,757	MW
Distillate	0	MW
Total TNB	7,850	MW
Total IPP	11,084	MW
Total Co-Gen	35	MW
System Total	18,969	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,509 MW
IPP Generation	10,161 MW
Total Set On Bus	17,640 MW
Maximum Demand	16,697 MW
Spinning Reserve	935 MW
Net Energy	352,812 MWH
Load Factor	88.0 %
Total Cost	60,832,143 RM
Cost per Unit	17.79 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	11/06/2014	352,879.0 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	14521	13873	13338	12944	12655	12308	12316	12289	12727	14600	15489	16199	16168	15771	16279	16619	16686	16208	14950	14609	15665	15775	15493	15036

Gas Usage

Station	(mmscfd)
CBPS	66
GLGR	60
PAKA	192
PGPS	16
SRDG	29
TJGS	219
TNB Total	582
KLPP	100
MPSS	58
PDPS	27
PGLA	108
PKLG	59
PLPS	100
PTEK	25
SGRI	193
SKSP	41
YPGS	66
YPKA	97
IPP Total	874
Total Gas	1,456

Total Gas Required : 1,456
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,082.00	13.63 %
Gas	75,253.00	21.33 %
Hydro	12,441.00	3.53 %
Total TNB	135,776.0	38.48 %
ST-Coal	107,192.0	30.38 %
ST-Gas	5,333.0	1.51 %
Gas	105,210.0	29.82 %
Total IPP	217,735.0	61.71 %
Co-Gen	903.0	0.26 %
Total Co-Gen	903.0	0.26 %
Total Generation	354,414.0	100.45 %
PLTG	508.0	0.14 %
HVDC	1,094.0	0.31 %
Interconnection	1,602.0	0.45 %
Net Energy	352,812.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	281
Hydro	223
Syncon	412
Thermal	94
Total	1010

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	36

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																														
TMGR	HY01	31	30	29	31	32	30	30	29	32	31	29	31	31	30	30	29	30	26	35	36	35	36	81	81	80	34	34	32	33	38	34	36	33	35	36	29	39	31	31	37	32	36	36	35	34	-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	-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	-1				
TMGR	HY03	-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	-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				
TMGR	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	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			
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Total Hydro		193	218	174	180	205	198	176	182	191	190	391	384	412	415	387	413	373	379	420	514	703	880	1017	1146	987	796	675	812	810	947	801	751	835	654	652	249	237	180	183	497	814	865	865	736	596	415	497	251						
PCUF	CUFK	37	36	37	37	37	39	37	39	38	38	38	36	37	38	38	37	37	38	36	36	37	35	40	37	39	40	38	39	37	38	38	38	39	37	36	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39			
Total Co-Gen		37	36	37	37	37	39	37	39	38	38	38	36	37	38	38	37	37	37	38	36	36	37	35	40	37	39	40	38	39	37	38	38	38	39	37	36	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39		
Total Gen		14654	14158	13893	13626	13373	13180	12990	12786	12691	12489	12406	12295	12378	12407	12347	12150	12756	13859	14602	15117	15509	15948	16232	16405	16197	15900	15795	15994	16369	16705	16712	16703	16737	16641	16364	15590	15013	14672	14747	15644	15914	16111	16026	15931	15668	15345	15122	14717						
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	0	0	0	0	0	
TIE-HVDC		30	30	29	29	31	31	31	29	29	30	30	31	31	31	30	30	31	29	30	30	30	30	30	31	31	31	31	31	31	30	153	153	151	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	
TIE-PLTG		103	65	-9	-25	4	0	15	-14	7	-6	68	-25	31	35	27	-30	-1	-2	-29	-11	-11	-93	2	1	-2	-14	-6	16	60	-22	63	-6	20	19	125	106	32	44	108	51	96	66	98	37	22	-12	56	-42						
Interconnection		133	95	20	4	35	31	46	17	36	23	98	5	62	66	58	1	29	28	2	18	20	-62	33	30	29	15	24	47	90	8	93	24	51	50	156	137	63	75	138	204	249	217	251	190	175	17	86	-12						
System Total		14521	14063	13873	13622	13338	13149	12944	12769	12655	12436	12308	12290	12316	12341	12289	12149	12727	13831	14600	15099	15489	16010	16199	16375	16168	15885	15771	15947	16279	16697	16619	16679	16686	16591	16208	15453	14950	14597	14609	15440	15665	15894	15775	15741	15493	15328	15036	14729						
SRev ST-Coal		98	93	81	104	59	63	69	69	69	73	80	65	69	95	67	62	54	59	75	74	68	74	92	73	88	105	80	53	55	64	55	65	98	83	177	52	63	65	49	5	56	73	84	81	77	65	75	48						
SRev ST-Gas		-2	-2	-1	-1	42	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37			
SRev CCGT-Gas		297	410	214	506	407	514	650	862	929	1156	1403	1522	1460	1409	1450	1678	1488	1086	573	208	271	227	228	195	227	309	262	168	167	178	77	93	26	25	194	203	549	743	713	239	261	138	181	203	166	162	359	472						
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	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	0	0	0	0
Syncon		576	340	576	576	491	491	491	491	491	726	474	625	625	625	625	625	625	474	625	625	474	323	237	237	388	625	625	323	474	474	324	324	324	475	475	475	576	576	576	475	324	474	474	390	390	306	626	576						
Hydro		104	230	123	117	92	109	121	115	106	107	258	114	86	83	111	85	125	270	80	86	223	197	146	177	175	139	101	266	267	130	276	326	241	271	270	248	59	116	116	178	262	211	211	189	186	181	99	195						
S.Reserve Total		1073	1071	993	1302	1091	1215	1368	1574	1632	2099	2252	2363	2277	2249	2290	2487	2329	1926	1390	1034	1083	881	908	830	1028	1251	1155	956	1200	935	903	909	876	973	1215	1343	1319	1661	1613	976	1045	996	1080	1003	905	728	1273	1268						