

Availability at Daily Maximum Demand Hour

ST-Coal	3,000 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,979 MW
Hydro	1,740 MW
Distillate	0 MW
Total TNB	8,719 MW
Total IPP	9,847 MW
Total Co-Gen	0 MW
Total System	18,566 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	68,892	20.54 %
Gas	76,401	22.78 %
Hydro	14,302	4.26 %
Total TNB	159,595	47.58 %
ST-Coal	88,631	26.42 %
ST-Gas	5,609	1.67 %
Gas	79,424	23.68 %
Total IPP	173,664	51.78 %
Co-Gen	1,335	0.40 %
Total Co-Gen	1,335	0.40 %
Total Generation	334,594	99.76 %
PLTG	8	0.00 %
HVDC	-826	-0.25 %
Interconnection	-818	-0.24 %
Net Energy	335,412	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,270 MW
TNB Generation	7,501 MW
IPP Generation	8,518 MW
Spinning Reserve	1,202 MW
Maximum Demand	16,072 MW
Net Energy	335,412 MWH
Load Factor	86.96 %

Fuel Cost

Total Cost:	49,402,829.55 RM
Cost per Unit	15.42 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	418
Hydro	410
Syncon	374
Thermal	77
Total	1,279

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Cloudy	28

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13350	12743	12330	11790	11569	11349	11575	11574	12279	14067	14991	15566	15635	15385	15744	15986	15940	15387	14449	14493	15211	14922	14538	14153

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
CBPS	23	Total	0
CBPS	57		
GLGR	56		
PAKA	167		
PGGS	17		
PGPS	43		
SRDG	20		
TJGS	218		
Total TNB	601		

Alternate Fuel Usage

KLPP	49
MPSS	59
PDPS	46
PGLA	55
PKLG	20
PLPS	103
PTEK	28
SGB3	91
SGRI	171
SKSP	48
PKLG	56
Total IPP	725
Total Gas	1,326
Total Gas Required	1,326



Wednesday, September 30, 2015

Daily MW Generation on Wednesday

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	
JMAH	U001	704	703	700	701	705	700	701	701	702	702	700	702	700	700	699	701	700	706	700	701	703	703	701	703	703
JMAH	U002	703	703	702	705	703	704	703	701	703	703	705	702	702	702	699	705	705	704	703	703	703	704	705	705	600
JMJG	U001	689	671	674	652	710	681	672	679	681	679	676	681	678	700	671	675	683	676	686	668	686	694	688	683	679
JMJG	U002	680	674	675	654	700	685	672	689	685	678	678	674	684	702	669	676	682	679	686	678	683	698	688	687	680
JMJG	U003	672	662	674	639	699	676	672	685	673	675	671	680	675	695	668	672	678	673	684	671	678	690	685	680	671
JMJG	U004	857	858	859	849	792	791	791	791	791	792	792	794	791	789	789	791	791	791	787	789	859	861	860	860	858
PKLG	U003	287	279	279	281	284	282	278	284	284	282	282	284	280	280	278	282	278	282	281	278	285	281	279	279	281
PKLG	U004	265	267	264	264	263	264	266	262	264	262	264	264	264	264	264	266	266	265	262	262	264	263	264	263	263
PKLG	U006	469	469	469	466	469	466	466	469	466	466	469	469	469	466	469	469	466	469	468	471	470	467	467	467	470
TBIN	U001	699	689	694	697	697	696	693	699	688	695	698	689	695	697	694	705	698	696	698	694	695	699	695	695	697
TBIN	U002	327	303	334	372	395	508	537	611	632	566	475	397	465	498	450	454	466	471	472	503	548	656	699	628	
Total ST-Coal		6352	6278	6324	6280	6417	6456	6451	6571	6569	6500	6412	6334	6405	6496	6351	6392	6418	6409	6434	6411	6573	6721	6729	6644	6621
Total ST-Oil		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
PKLG	U001	201	149	145	144	144	144	144	144	144	144	144	144	144	144	200	274	274	276	226	194	145	116	62	26	0
PKLG	U002	0	0	18	49	56	80	116	152	146	146	146	146	146	146	0	0	0	0	0	0	0	0	0	0	0
Total ST-Gas		201	149	163	193	200	224	260	296	290	290	290	290	290	290	144	144	200	274	274	276	226	194	145	116	62
CBPS	GT1A	97	96	97	87	88	87	87	87	87	87	87	87	87	87	95	95	95	95	98	98	98	98	96	96	96
CBPS	GT1B	91	91	91	88	87	87	87	87	87	87	87	87	88	88	88	88	88	88	89	88	89	88	88	88	88
CBPS	ST1C	102	100	101	93	93	93	92	92	92	92	92	92	93	93	92	99	101	102	102	102	102	101	100	101	94
GLGR	GT01	109	109	109	78	67	68	66	67	67	68	67	67	67	67	67	81	109	108	107	108	107	107	107	107	108
GLGR	GT02	111	112	111	78	68	69	69	69	69	69	69	69	69	69	69	84	110	109	111	109	109	109	109	109	109
GLGR	ST1C	100	100	100	84	71	71	71	71	71	71	71	71	71	71	75	98	99	100	100	99	99	99	99	99	99
KLPP	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	11	21	31	31	30	30	30	30	30	30
KLPP	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	17	17	17	17	17	17	17	17	17	17
KLPP	GT13	130	129	129	130	114	114	115	115	116	114	116	115	115	114	130	128	129	128	128	130	132	132	133	137	136
KLPP	ST17	66	54	57	57	53	53	55	55	55	55	56	54	55	55	58	59	47	84	89	89	87	84	85	85	85
MPSS	GT01	102	103	103	103	64	67	67	67	66	68	67	67	67	67	69	94	105	104	104	105	103	103	102	102	100
MPSS	GT02	102	103	104	104	68	71	70	70	71	70	70	70	70	69	71	70	95	104	105	105	105	104	104	102	102
MPSS	ST01	113	113	112	112	74	66	67	67	67	66	66	65	67	65	65	87	111	112	112	113	112	111	111	111	112
PAKA	GT1A	85	85	86	65	65	66	66	66	66	66	66	67	66	66	66	66	67	85	84	83	82	81	81	81	81
PAKA	GT1B	87	87	87	63	64	65	64	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
PAKA	GT2A	85	85	85	64	64	64	65	64	64	65	63	63	63	64	86	84	83	82	83	83	82	81	81	81	81
PAKA	GT2B	82	83	83	63	64	63	62	63	64	63	63	63	62	63	82	81	80	81	81	80	79	79	79	79	78
PAKA	GT3B	84	84	85	63	64	65	64	65	65	65	65	64	64	64	84	83	82	80	81	81	81	80	80	79	79
PAKA	GT4A	92	92	93	91	92	92	92	92	92	92	92	92	92	92	92	91	92	90	91	91	91	91	91	91	91
PAKA	GT4B	78	78	78	79	78	78	79	78	78	79	79	79	79	79	77	77	77	77	76	76	76	76	76	76	76
PAKA	ST1C	78	78	78	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
PAKA	ST2C	87	87	87	76	76	76	75	76	76	75	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
PAKA	ST3C	43	42	42	37	37	37	36	36	36	36	36	36	36	37	37	41	42	42	42	42	42	42	42	42	42
PAKA	ST4C	90	90	90	90	90	90	90	90	90	90	90	90	90	90	91	91	91	92	92	92	92	92	92	92	91
PGLA	GT12	221	220	224	218	174	168	169	168	168	169	168	169	168	173	221	222	221	220	219	218	215	214	214	215	215
PGLA	ST10	115	115	116	114	98	96	96	95	96	96	96	96	96	96	115	115	116	116	116	116	115	115	115	115	115
PGPS	GT3A	97	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	GT3B	92	83	84	80	84	83	83	83	84	83	83	83	83	83	83	84	83	84	83	84	93	92	92	91	91
PGPS	ST3C	93	82	39	38	40	39	39	39	39	39	39	38	38	38	39	38	38	38	38	38	41	91	91	92	93
PLPS	GT11	143	142	141	132	119	116	111	69	69	71	67	71	67	70	112	111	115	143	147	147	145	145	145	145	145
PLPS	GT12	142	142	143	131	126	123	119	72	71	72	69	73	70	76	120	116	122	143	142	141	139	140	139	140	140

