

Daily System Generation Summary on Tuesday

Tuesday, October 18, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,055 MW
Hydro	2,421 MW
Distillate	0 MW
Total TNB	5,476 MW
Total IPP	13,595 MW
Total Co-Gen	0 MW
Total System	19,635 MW

Generation Mix

Type	MWh	Percentage
Gas	64,665	18.41 %
Hydro	10,354	2.95 %
Total TNB	75,019	21.35 %
ST-Coal	199,271	56.72 %
Gas	75,527	21.50 %
Total IPP	274,798	78.22 %
Co-Gen	1,155	0.33 %
Total Co-Gen	1,155	0.33 %
Total Generation	350,972	99.91 %
PLTG	372	0.11 %
HVDC	-699	-0.20 %
Interconnection	-327	-0.09 %
Net Energy	351,299	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	18,418 MW
TNB Generation	4,141 MW
IPP Generation	12,577 MW
Spinning Reserve	1,653 MW
Maximum Demand	16,772 MW
Net Energy	351,299 MWH
Load Factor	87.27 %

Fuel Cost

Total Cost:	47,981,899.95 RM
Cost per Unit	14.15 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	276
Hydro	261
Syncon	1,084
Thermal	191
Total	1,812

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	38
GLGR	19
PAKA	192
PGPS	26
SRDG	15
TJGS	211
Total TNB	501
KLPP	98
MPSS	31
NPRI	148
PDPS	7
PKLG	7
PLPS	1
PTEK	35
SGB3	81
SGRI	190
Total IPP	598
Total Gas	1,100
Total Gas Required	1,100

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13798	13245	12879	12475	12220	12076	12276	12164	12670	14447	15402	16019	16043	15813	16381	16694	16745	16318	15263	15207	16065	16009	15568	15084

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Tuesday

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	692	692	692	692	692	692	692	642	642	642	642	642	691	693	693	693	693	693	693	693	693	693	693	693
JMAH	U002	694	694	694	694	694	694	694	644	644	644	644	644	694	694	694	694	694	694	694	694	694	694	694	694
JMJC	U001	676	677	675	678	677	678	677	677	678	677	675	677	674	675	676	679	672	677	678	672	671	672	679	676
JMJC	U002	674	675	677	673	677	676	675	676	673	676	674	676	671	674	676	675	678	672	678	676	672	673	677	675
JMJC	U003	669	671	678	667	677	668	672	670	672	672	667	666	672	671	670	670	670	667	673	671	674	667	674	671
JMJC	U004	901	892	804	715	701	701	701	702	701	702	706	705	703	705	702	704	704	704	742	829	902	901	902	903
PKLG	U004	280	282	282	281	282	281	280	277	280	281	281	282	283	283	281	281	279	281	281	281	281	279	279	281
PKLG	U005	467	464	464	468	464	464	468	468	468	464	468	471	464	464	379	456	470	466	463	470	470	470	466	466
PKLG	U006	472	469	468	470	469	465	468	472	468	471	472	469	466	470	470	466	470	470	473	473	471	403	347	
TBIN	U001	688	684	688	688	689	687	683	688	687	634	637	637	637	637	637	637	673	687	688	687	685	687	686	
TBIN	U002	691	691	693	694	690	694	694	692	692	641	641	642	644	641	642	644	686	691	690	689	692	693	691	691
TBIN	U003	693	693	691	692	694	691	692	692	643	642	641	641	641	640	640	690	693	692	691	694	693	692	687	693
TBIN	U004	901	902	902	902	902	902	902	902	903	902	902	902	902	902	901	902	902	902	902	902	901	902	902	903
Total ST-Coal		8498	8486	8408	8314	8308	8293	8298	8302	8300	8049	8051	8054	8043	8049	7960	8034	8182	8303	8336	8432	8507	8441	8367	8395
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
Total ST-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
CBPS	GT1A	98	98	98	87	88	87	87	88	87	87	88	87	88	87	88	87	99	99	99	99	100	98	97	96
CBPS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CBPS	ST1C	48	47	47	41	40	41	39	39	39	39	39	39	39	41	39	39	45	46	46	48	47	47	48	47
KLPP	GT13	139	139	139	140	70	69	68	70	69	70	70	70	71	70	71	98	135	138	140	140	139	139	139	140
KLPP	GT14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	88	148	156	156	156	156	156
KLPP	GT15	153	153	153	153	76	76	77	78	78	77	77	78	77	80	77	78	103	150	152	155	154	154	154	155
KLPP	ST17	175	142	142	142	102	94	94	94	96	96	96	96	95	95	95	98	113	186	207	211	211	211	214	
MPSS	GT02	106	105	105	91	93	92	92	93	93	90	91	92	93	93	92	91	101	107	107	105	106	106	106	105
MPSS	ST01	51	51	51	41	40	41	40	41	40	41	40	40	41	41	40	39	45	50	51	51	51	51	51	51
NPRI	BLK1	451	499	439	348	405	353	342	337	337	334	344	338	357	475	343	341	355	365	407	514	506	517	514	505
NPRI	BLK2	452	499	444	346	404	353	341	340	335	320	347	338	359	475	346	341	358	367	405	516	510	516	517	515
PAKA	GT1A	65	66	66	65	66	65	64	66	66	65	64	66	66	67	66	66	67	90	88	88	88	87	87	88
PAKA	GT1B	65	65	65	64	64	63	63	65	65	65	64	63	64	65	65	65	65	92	92	91	91	90	90	90
PAKA	ST1C	66	66	66	67	66	66	66	66	66	66	66	66	66	66	66	66	66	77	80	80	80	79	77	79
PAKA	GT2A	61	62	62	61	62	61	60	62	62	61	61	62	61	62	62	65	65	88	87	87	86	86	86	85
PAKA	GT2B	63	65	64	64	63	63	63	65	64	63	63	63	64	65	64	64	65	93	92	92	91	91	90	90
PAKA	ST2C	74	74	74	74	73	74	73	73	73	73	73	73	73	74	74	89	88	88	88	88	88	88	88	88
PAKA	GT3A	64	66	64	65	64	65	65	66	66	65	64	65	65	65	66	66	66	86	86	86	86	86	85	85
PAKA	GT3B	64	66	64	63	65	64	64	65	65	64	63	64	65	65	65	65	65	88	87	86	87	85	86	85
PAKA	ST3C	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	89	89	89	89	88	89	89
PAKA	GT4A	85	85	90	90	90	90	90	89	90	90	80	85	85	84	85	85	85	85	90	90	89	89	89	85
PAKA	GT4B	75	75	80	80	80	80	79	80	80	80	80	75	75	75	75	75	75	81	80	80	79	79	70	70
PAKA	ST4C	82	82	87	87	88	88	88	88	88	88	87	82	81	81	81	81	82	82	88	89	88	89	89	81
PGPS	CT3B	94	95	95	84	83	84	83	84	83	83	83	84	84	83	83	83	83	95	94	94	94	94	94	94
PCPS	ST3C	45	45	45	39	39	38	38	38	38	38	37	37	37	38	38	38	38	44	45	45	46	46	46	46
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	135	119	134	127	135	136	145
SGB3	CT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	85	112	129	122	129	101	124
SGB3	GT33	140	111	110	110	110	109	110	111	110	107	110	110	111	110	109	109	108	102	106	104	122	118	125	98
SGB3	ST34	69	61	59	59	59	59	59	59	57	59	59	59	59	59	59	59	59	107	129	146	138	142	201	217
SGRI	GT11	113	75	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	89	140	141	141	141	140	140

