

Daily System Generation Summary on Tuesday

Tuesday, July 03, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,679 MW
Hydro	2,218 MW
Distillate	0 MW
Total TNB	4,897 MW
Total IPP	15,066 MW
Total Co-Gen	0 MW
Total System	20,535 MW

Generation Mix

Type	MWh	Percentage
Gas	42,362	11.91 %
Hydro	11,025	3.10 %
Total TNB	53,387	15.01 %
ST-Coal	205,039	57.66 %
Gas	95,092	26.74 %
Total IPP	300,131	84.40 %
Co-Gen	766	0.22 %
Total Co-Gen	766	0.22 %
Total Generation	354,284	99.63 %
PLTG	-620	-0.17 %
HVDC	-701	-0.20 %
Interconnection	-1,321	-0.37 %
Net Energy	355,605	100.00 %

Maximum Demand Record

Date: 6/6/2018	18,010 MW
Date: 6/7/2018	382,778 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,006 MW
TNB Generation	2,764 MW
IPP Generation	13,808 MW
Spinning Reserve	1,428 MW
Maximum Demand	16,626 MW
Net Energy	355,605 MWH
Load Factor	89.12 %

Fuel Cost

Total Cost:	62,807,807.06 RM
Cost per Unit	18.29 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	255
Hydro	478
Syncon	544
Thermal	161
Total	1,438

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	51
PGPS	37
TJGS	211

Total TNB 299

CBPS	53
KLPP	105
MPSS	31
PGLA	110
PLPS	94
PTEK	13
SGB3	61
SGRI	80
SKSP	52
YPKA	29

Total IPP 627

Total Gas 926

Total Gas Required 926

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	14216	13561	13122	12725	12471	12331	12631	12761	13106	14758	15735	16301	16092	15772	16312	16529	16626	16267	15374	15227	16162	16056	15559	15061

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, August 03, 2018 11:56:55 AM

(Ir. Shanmugam Thoppalan)
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	667	692	694	691	694	691	693	694	693	692	693	693	692	694	692	693	692	694	693	693	693	693	691	698	692	692	693	693																									
JMAH	U002	652	697	693	696	695	693	692	693	694	689	696	694	694	693	694	693	694	695	691	696	694	694	694	695	695	696	694	692	697	695	697	694	694	696																			
JMJG	U001	671	671	669	672	671	671	672	672	666	671	671	673	672	671	673	671	669	674	672	671	671	672	672	669	672	675	671	671	670	671	673	668	670	671	668																		
JMJG	U002	668	667	671	673	672	679	666	668	673	679	677	671	671	672	672	669	672	669	670	675	672	669	667	673	672	673	670	671	673	672	673	672	668	667	671																		
JMJG	U003	665	670	666	667	669	667	546	545	542	622	668	671	662	673	668	670	678	667	670	660	667	672	666	674	670	670	662	663	671	670	667	662	668	667	666																		
JMJG	U004	978	980	946	863	783	782	783	782	783	785	785	785	785	782	783	782	783	785	836	921	979	977	967	979	981	980	979	978	979	977	979	980	981	979	979																		
JMJG	U005	988	981	979	849	781	777	782	794	782	778	780	782	780	782	781	785	783	779	885	988	986	983	983	979	983	985	981	980	983	982	983	985	978	978	983																		
PKLG	U003	280	284	282	279	282	282	281	278	280	280	278	278	277	278	280	278	279	281	279	283	282	280	282	282	281	284	283	281	283	281	279	282	282	281	284	283																	
PKLG	U004	282	282	279	279	281	280	281	279	278	280	281	279	281	282	281	282	281	277	278	280	279	278	277	279	283	276	277	276	279	277	278	279	280	275	277	278																	
PKLG	U005	470	469	469	470	468	475	470	469	468	464	469	469	470	470	471	468	488	469	469	467	464	469	473	470	468	468	461	468	468	468	467	468	473	469	467	463																	
TBIN	U001	691	690	691	690	690	690	689	689	690	690	689	692	691	687	692	689	690	691	689	685	687	692	692	689	690	690	689	689	691	690	690	691	689	687	687	689																	
TBIN	U002	693	691	695	690	689	693	690	690	689	691	692	683	690	691	690	690	692	690	691	691	691	691	690	690	689	690	692	690	693	693	686	690	692	689	692	693																	
TBIN	U004	980	980	980	980	870	800	800	800	800	800	800	800	800	800	800	800	802	802	870	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980																	
Total ST-Coal		8685	8754	8714	8499	8245	8180	8045	8053	8038	8121	8177	8169	8166	8178	8176	8169	8208	8169	8171	8386	8695	8758	8749	8736	8745	8758	8740	8740	8748	8743	8743	8742	8752	8754	8746	8740	8742	8751	8746	8746	8748	8735	8731	8748	8747	8726	8733	8739					
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	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	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	BLK2	367	361	364	362	362	360	365	364	366	362	215	218	302	359	327	360	373	373	370	370	363	370	370	370	362	362	355	363	366	366	360	364	362	365	363	362	360	361	365	361	362	367	360	360	359	363	363	363	355				
GLGR	GT01	71	68	69	69	67	69	69	69	68	68	67	68	68	68	70	102	101	100	100	100	99	99	101	98	68	68	68	100	99	100	100	100	100	100	100	100	100	74	67	68	105	105	103	103	103	86	67	68	67				
GLGR	GT02	70	68	69	69	69	69	69	68	68	68	69	69	67	68	68	68	68	102	101	101	100	100	101	100	101	97	68	68	67	102	101	100	100	101	101	100	73	68	68	106	104	104	104	104	86	68	68	68					
GLGR	ST1C	79	71	70	70	70	70	70	70	70	70	70	70	70	71	70	70	87	90	90	90	89	89	88	90	89	70	71	71	87	90	90	89	89	90	90	80	70	71	90	93	92	93	93	87	71	71	70						
KLPP	GT13	129	107	108	110	109	76	70	69	69	68	69	70	69	65	69	74	147	146	145	144	146	146	145	146	145	124	129	146	146	147	147	147	147	145	147	147	147	136	138	134	136	129	129	128	119	129	111						
KLPP	GT14	140	110	110	111	111	110	75	74	75	74	76	76	75	77	76	76	82	158	155	156	155	157	157	154	156	157	137	144	157	157	157	157	157	158	157	158	138	144	147	144	141	140	138	116	138	120							
KLPP	GT15	133	113	113	112	112	112	112	73	73	73	72	72	73	74	72	72	81	150	149	150	147	150	150	146	147	150	150	150	150	150	150	150	150	150	150	150	147	151	151	148	150	141	141	137	137	133	121	131	115				
KLPP	ST17	208	182	181	181	182	182	154	138	137	137	135	135	137	138	138	138	206	208	208	207	207	207	207	207	207	207	195	198	207	207	207	207	206	206	208	208	208	208	202	198	202	197	197	197	197	197	189	192	188				
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	21	23	31	69	80	82	85	106	93	107	101	102	100	101	100	99	99	101	101	100	100	64	68	70	100	101	100	102	101	100	111	93	91							
MPSS	GT02	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	60	106	100	100	99	100	99	99	98	100	100	99	65	70	71	98	99	101	98	99	79	0	0		
MPSS	ST01	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	16	44	40	99	113	106	106	106	106	106	106	106	106	106	73	67	67	93	105	105	105	104	80	51	48	40
PCGP	PGRG	439	432	437	436	441	383	296	298	291	293	290	296	294	299	451	302	319	443	446	443	440	445	461	445	450	466	669	688	686	677	675	671	674	675	676	678	668	672	677	672	676	676	668	664	670	681	682	666					
PGLA	GT11	204	205	179	212	207	166	167	173	168	166	165	167	173	204	161	177	219	218	210	216	216	218	229	229	229	227	201	205	227	232	228	231	231	233	231	229	231	202	199	219	232	233	232	227	228	233	234	229					
PGLA	GT12	208	209	183	218	211	171	173	177	172	171	170	172	178	210	167	181	224	225	212	221	220	222	231	232	232	231	205	210	230	233	231	232	233	236	235	232	233	208	203	224	234	234	229	229	232	232	232	229					
PGLA	ST10	241	227	211	234	234	204	204	208	206	204	204	206	209	220	207	207	240	238	240	240	240	240	253	253	251	251	230	232	251	252	253	252	252	252	252	252	252	251	238	237	239	254	253	253	250	252	253	253	250				
PGPS	GT3A	71	71	71	70	70	69	70	71	71	71	70	70	71	70	71	70	71	70	75	94	94	94	94	94	93	94	93	94	93	93	93	93	94	93	95	94	65	66	65	94	94	94	93	93	65	66	70	70					
PGPS	GT3B	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	75	94	95	95	95	94	94	94	94	94	95	94	95	94	94	66	66	66	93	93	94	93	67	66	0	0
PGPS	ST3C	29	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	84	88	89	90	90	91	91	91	91	91	91	91	92	92	91	63	61	60	89	90	89	88	60	59	29	28							
PLPS	GT11	114	112	111	65	63	65	66	66																																													

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[illegible]

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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0