

Daily System Generation Summary on Friday

Friday, November 16, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,234 MW
Hydro	2,279 MW
Distillate	0 MW
Total TNB	4,513 MW
Total IPP	16,111 MW
Total Co-Gen	63 MW
Total System	21,259 MW

Generation Mix

Type	MWh	Percentage
Gas	23,427	6.58 %
Hydro	18,062	5.07 %
Total TNB	41,489	11.65 %
ST-Coal	225,952	63.46 %
Gas	86,934	24.41 %
Total IPP	312,886	87.87 %
Co-Gen	941	0.26 %
Total Co-Gen	941	0.26 %
Total Generation	355,316	99.79 %
PLTG	-66	-0.02 %
HVDC	-697	-0.20 %
Interconnection	-763	-0.21 %
Net Energy	356,079	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	17,996 MW
TNB Generation	2,752 MW
IPP Generation	14,067 MW
Spinning Reserve	1,138 MW
Maximum Demand	16,927 MW
Net Energy	356,079 MWH
Load Factor	87.65 %

Fuel Cost

Total Cost:	67,269,255.05 RM
Cost per Unit	19.95 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	247
Hydro	607
Syncon	401
Thermal	211
Total	1,466

Time Weather Temperature

Afternoon	Hot	33
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	53
SRDG	3
TJGS	117
Total TNB	173
CBPS	0
KLPP	99
MPSS	48
NPRI	71
PGLA	109
PLPS	96
PTEK	6
SGB3	68
SKSP	51
YPKA	30
Total IPP	578
Total Gas	751

Total Gas Required 751

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	14023	13381	12969	12680	12516	12322	12566	12644	13098	14633	15571	16061	16056	15668	16060	16714	16888	16675	15590	16091	16471	16297	15796	15367

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, November 27, 2018 9:43:52 AM

(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Friday

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	694	692	693	693	691	691	693	692	692	694	692	693	693	693	691	693	692	691	692	692	693	694	692	694	692	693	695																						
JMAH	U002	693	693	692	695	693	692	694	693	694	689	693	695	693	695	694	693	697	693	696	691	694	695	692	693	694	693	694	694																					
JMJG	U001	669	670	669	669	668	670	669	667	671	672	670	671	672	671	677	677	678	677	673	678	589	576	579	574	576	578	578																						
JMJG	U002	658	671	669	672	654	671	673	662	678	656	667	667	667	665	668	663	668	672	664	671	664	677	667	674	672	669	673	673																					
JMJG	U003	666	665	666	667	672	664	666	666	667	667	668	657	671	669	667	664	667	670	671	667	660	663	661	662	662	663	663	662																					
JMJG	U004	980	983	963	873	788	783	782	783	783	785	783	782	781	782	783	783	785	829	914	974	975	976	975	975	976	976	977	976																					
JMJG	U005	982	983	951	815	779	778	782	781	781	775	782	777	780	782	781	782	832	939	977	979	982	985	978	980	978	982	980	982																					
PKLG	U004	278	279	278	277	278	276	278	276	279	276	279	279	281	280	280	281	282	280	280	279	279	280	280	280	280	280	281	281																					
PKLG	U005	461	462	468	467	467	468	468	465	467	468	468	465	464	466	466	467	467	468	469	468	468	467	466	467	468	469	467	467																					
PKLG	U006	465	471	470	466	472	469	468	468	473	469	472	468	477	467	474	467	468	472	470	469	472	468	468	468	471	472	471	468																					
TBIN	U001	690	690	690	686	690	691	690	689	688	689	689	689	690	689	689	687	691	691	689	687	689	688	689	691	687	690	688	689																					
TBIN	U002	689	693	690	691	691	690	693	691	697	693	689	691	691	689	692	693	691	692	692	689	691	692	689	692	691	690	694	692																					
TBIN	U003	689	690	691	691	693	691	690	689	691	691	691	693	688	689	691	692	692	689	690	690	689	693	695	690	688	689	692	690																					
TBIN	U004	951	951	951	870	870	870	870	870	870	800	800	800	800	800	800	872	872	950	950	951	951	951	951	951	951	951	951	951																					
Total ST-Coal		9565	9593	9541	9232	9106	9104	9116	9092	9131	9098	9038	9049	9042	9022	9055	9048	9057	9213	9417	9584	9588	9512	9483	9513	9471	9483	9497	9490	9591	9588	9591	9580	9590	9585	9584	9577	9606	9598	9595	9583	9566	9601	9597	9587	9593	9583	9588	9591	
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	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	0
CBPS	BLK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	13	12	1	9	5	4	8	0	0	0	0			
GLGR	GT01	68	70	69	69	70	69	70	68	68	68	68	70	68	69	90	105	105	105	104	105	104	104	105	103	104	105	106	105	105	103	104	103	104	104	105	103	104	105	103	104	105	104	104	104	104	106			
GLGR	GT02	69	69	69	69	69	69	69	68	69	69	69	69	69	69	92	105	105	104	105	105	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	105	105	105	105	105	105	105	105	104	105				
GLGR	ST1C	69	70	70	70	70	70	69	70	70	71	70	70	70	70	69	70	79	92	91	92	92	92	92	93	93	93	93	93	93	92	93	93	93	93	92	92	92	92	92	92	92	92	92	92	92	92			
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	143	146	145	143	145	146	146	147	147	147	147	147	147	147	146	137	132	145	143	134	134	136	133	128	140	137	142							
KLPP	GT14	153	154	152	153	153	153	151	100	76	77	76	79	76	81	76	81	113	140	149	140	142	141	154	153	154	154	154	153	153	153	152	147	142	153	152	145	143	146	143	139	150	148	154						
KLPP	GT15	148	147	147	148	148	149	149	69	69	70	70	69	71	75	70	75	76	136	147	152	152	151	152	155	155	151	153	153	151	151	150	151	151	153	144	137	151	150	138	141	143	137	136	145	142	149			
KLPP	ST17	137	140	136	136	136	137	137	99	86	84	82	84	84	90	82	90	94	131	199	205	205	207	207	211	207	205	205	208	208	207	207	205	205	205	205	206	199	199	203	204	194	198	198	194	197	197	202	197	
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	60	102	106	105	106	106	96	103	104	103	103	105	103	103	104	104	104	105	105	106	106	107	108	108	109	109	109	105				
MPSS	GT02	87	91	88	87	88	87	88	88	88	87	88	89	87	90	88	90	87	86	88	87	84	100	107	107	107	107	95	105	105	105	105	104	105	105	105	105	105	105	106	106	107	106	106	105	107	6			
MPSS	ST01	37	36	36	36	36	36	35	37	37	37	37	37	37	37	37	37	36	36	36	35	36	97	114	115	115	111	114	114	114	114	114	114	114	114	114	114	114	115	115	115	115	114	114	50					
NPRI	BLK1	454	347	332	325	362	323	328	334	326	323	326	337	326	429	388	482	503	509	512	515	514	507	515	516	509	509	515	515	517	511	517	514	515	514	508	500	513	516	516	513	511	514	513	509	515	514	515		
PCGP	PGRG	264	271	268	267	267	260	267	272	265	264	268	266	262	266	273	484	577	569	567	567	567	567	602	597	178	255	452	244	602	600	601	603	600	601	417	181	426	461	603	599	605	599	601	574	576	578	576		
PGLA	GT11	214	175	168	209	211	206	170	176	172	168	167	169	213	215	203	170	183	186	193	215	216	183	176	205	201	212	185	220	219	205	217	207	217	215	202	194	211	202	214	214	207	206	200	202	203	217	208	212	
PGLA	GT12	217	178	171	211	214	208	171	179	175	170	170	173	214	220	206	174	186	190	196	217	218	184	180	206	204	212	189	223	220	207	220	211	219	219	205	198	213	203	216	214	208	210	201	206	207	217	210	217	
PGLA	ST10	231	215	206	226	228	228	206	206	209	208	206	206	233	233	235	209	225	216	225	238	236	224	211	238	231	242	210	231	235	223	242	239	242	241	235	227	232	234	241	242	234	233	234	232	230	233	237	236	
PLPS	GT11	128	129	130	97	65	61	65	64	65	65	62	66	61	64	64	65	101	147	146	145	147	146	145	139	139	141	141	142	139	141	140	142	134	135	135	139	139	141	139	139	141	139	139	140	139				
PLPS	GT12	136	137																																															

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