

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,254 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,254 MW</b>
<b>Total IPP</b>	<b>16,075 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,408 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	8,857	2.46 %
Gas	43,841	12.20 %
<b>Total TNB</b>	<b>52,698</b>	<b>14.66 %</b>
ST-Coal	200,094	55.67 %
LSS	980	0.27 %
Gas	104,677	29.12 %
<b>Total IPP</b>	<b>305,751</b>	<b>85.06 %</b>
Co-Gen	1,371	0.38 %
<b>Total Co-Gen</b>	<b>1,371</b>	<b>0.38 %</b>
<b>Total Generation</b>	<b>359,820</b>	<b>100.10 %</b>
PLTG	-229	-0.06 %
HVDC	591	0.16 %
<b>Interconnection</b>	<b>362</b>	<b>0.10 %</b>
<b>Net Energy</b>	<b>359,458</b>	<b>100.00 %</b>

### 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:	15:00:00 Hour
Total Set On Bus	18,416 MW
TNB Generation	3,398 MW
IPP Generation	13,636 MW
Spinning Reserve	1,304 MW
Maximum Demand	17,077 MW
Net Energy	359,458 MWH
Load Factor	87.71 %

### Fuel Cost

Total Cost:	71,709,406.59 RM
Cost per Unit	21.27 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	395
Hydro	481
Syncon	615
Thermal	216
<b>Total</b>	<b>1,707</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	52
PAKA	37
PGPS	30
SRDG	8
TJGS	195
<b>Total TNB</b>	<b>322</b>
KLPP	93
MPSS	32
NPRI	155
PGLA	109
PLPS	74
PTEK	6
SGRI	90
SKSP	38
YPKA	70
<b>Total IPP</b>	<b>668</b>
<b>Total Gas</b>	<b>990</b>
<b>Total Gas Required</b>	<b>990</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### 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	14076	13320	12983	12414	12157	12007	12439	12617	13233	15011	16034	16591	16484	16193	16816	17077	17044	16837	15679	15622	16543	16430	16057	15441

### Daily MW Generation on Monday

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	695	692	692	693	692	693	693	694	692	694	689	690	693	692	691	695	691	692	692	693	691	692	692	693	691	692	692	694	691	692	692	691	693	694	693	691	691	691											
JMAH	U002	694	693	693	695	695	695	693	696	694	696	695	693	693	693	694	695	691	694	693	695	694	695	693	696	695	693	693	694	691	696	692	694	695	695	693	695	694	692	695	694	693	695								
JMHE	U001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	130	208	362	510	513	510	616	761	759	767	761	763	763	761	757	761									
JMIG	U001	665	672	664	666	664	665	670	666	666	666	672	662	665	671	667	667	675	668	672	667	670	675	668	672	654	670	674	673	672	671	671	675	671	671	674	672	672	671	668	672	672	669								
JMIG	U002	675	667	676	677	670	671	673	673	674	672	676	672	671	672	671	672	670	672	675	671	672	672	670	671	672	675	672	673	670	672	674	671	673	675	672	670	672	674	672	673	671	671	666	670	673	673				
JMIG	U003	662	662	667	663	665	663	662	666	666	662	665	662	662	666	662	666	662	662	658	668	660	666	662	662	658	662	660	662	663	662	666	662	665	664	662	662	661	661	662	662	662	661	666	664	662					
JMIG	U004	952	892	804	782	783	783	783	782	785	783	782	783	785	782	782	782	847	909	973	972	973	974	975	974	976	973	973	972	973	973	975	962	931	972	973	973	974	975	973	972	974	972	973	973	976					
JMIG	U005	951	854	779	779	782	780	782	780	779	782	781	781	779	782	778	781	777	887	988	980	977	977	980	977	979	980	977	979	976	977	978	978	979	982	964	932	982	978	983	980	980	978	979	982	983	980	980	979		
PKLG	U003	283	282	284	284	280	283	281	281	281	281	281	281	281	283	281	283	282	280	280	281	279	280	282	281	280	278	280	279	276	279	281	280	280	281	280	281	281	194	207	206	203	202	202	202	203	202	203	203		
PKLG	U004	281	278	277	277	277	276	274	268	272	274	267	269	274	278	280	271	279	276	274	273	275	275	275	276	278	278	278	282	279	282	280	279	280	279	280	281	280	276	282	281	281	278	279	279	279	280	282	280		
PKLG	U005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TBIN	U001	691	690	691	690	685	690	691	690	689	690	688	690	689	690	690	690	688	689	688	690	687	688	690	689	690	691	689	688	690	689	689	690	692	689	689	690	688	689	689	687	690	689	692	689	687	691				
TBIN	U003	691	689	692	691	690	692	690	691	690	687	691	690	690	691	691	691	693	689	693	690	690	692	691	690	688	688	691	690	690	692	691	690	687	689	691	689	689	691	691	688	689	691	690	691	689	691				
TBIN	U004	952	898	806	802	803	803	800	803	802	803	802	803	803	802	804	802	882	952	952	951	953	953	953	953	951	952	953	954	954	954	953	952	952	936	933	952	953	953	951	952	952	953	951	954	952	951	952			
Total ST-Coal		8189	7972	7225	7698	7687	7693	7692	7689	7691	7690	7690	7678	7683	7703	7692	7690	7700	7935	8175	8232	8213	8275	8279	8274	8272	8321	8322	8337	8327	8317	8359	8425	8482	8628	8739	8818	8931	8841	8999	9137	9185	9175	9274	9278	9279	9310	9318			
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	0
GLGR	GT01	104	104	104	88	68	68	69	69	68	68	70	69	70	69	68	69	69	105	104	104	104	104	103	103	104	104	103	103	103	103	104	104	104	72	69	69	106	103	103	72	68	69	67	67	66					
GLGR	GT02	105	104	105	87	68	69	69	69	69	68	69	69	68	68	68	107	105	105	104	104	104	104	104	104	104	104	104	104	104	104	104	104	71	68	68	107	104	104	71	68	69	68	69	67						
GLGR	ST1C	91	93	92	87	69	70	70	70	70	70	70	70	70	70	70	90	92	92	92	93	93	92	93	93	94	93	93	93	93	94	93	78	71	71	89	92	93	78	70	70	70	70	71							
KLPP	GT13	127	130	114	116	133	86	66	65	62	65	67	66	66	65	91	102	102	148	147	148	148	148	146	147	146	145	146	147	146	146	121	111	108	119	120	120	139	136	142	141	141	113	105	106						
KLPP	GT14	140	142	126	133	148	112	76	75	76	75	79	79	80	76	76	80	111	112	152	154	154	153	154	152	152	153	152	151	149	151	149	150	131	123	120	128	130	127	149	150	151	151	152	143	112	111				
KLPP	GT15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	125	153	153	148	148	149	151	148	151	148	148	147	148	149	148	151	128	123	118	123	128	124	148	148	149	148	148	140	103	7				
KLPP	ST17	132	131	123	124	132	117	84	84	84	83	81	82	84	84	84	84	89	96	182	202	206	202	202	202	202	202	202	202	202	201	201	200	200	200	189	185	182	185	185	189	201	196	201	201	199	193	179	119		
MPSS	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NPRI	BLK1	512	514	515	515	514	496	501	505	491	503	497	503	505	508	501	502	506	504	497	499	500	505	504	499	495	504	503	507	514	508	508	507	500	510	502	493	506	513	509	510	503	508	513	504	510	497	513			
NPRI	BLK2	526	527	527	526	526	452	448	503	398	505	409	501	527	512	481	469	461	454	509	511	513	517	517	512	506	517	516	509	517	516	511	510	510	505	512	504	494	502	524	512	512	508	512	515	506	515	500	517		
PAKA	GT4A	0	0	0	0	0	93	94	94	92	95	93	95	95	95	95	95	95	95	95	95	95	95	95	94	84	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95		
PAKA	GT4B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAKA	ST4C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	36	41	42	43	43	68	90	91	91	91	91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
PCGP	PGRG	601	603	604	602	603	592	594	600	584	601	593	603	604	606	599	602	604	599	594	597	599	600	602	597	591	602	602	596	600	602	593	596	593	588	597	589	576	593	603	596	597	588	596	599	592	601	581	603		
PGLA	GT11	211	21																																																



