

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,360 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,360 MW</b>
<b>Total IPP</b>	<b>18,421 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>24,783 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	14,344	5.13 %
Gas	49,687	17.76 %
<b>Total TNB</b>	<b>64,031</b>	<b>22.89 %</b>
ST-Coal	135,467	48.43 %
LSS	3,525	1.26 %
Gas	74,766	26.73 %
<b>Total IPP</b>	<b>213,758</b>	<b>76.42 %</b>
Co-Gen	738	0.26 %
<b>Total Co-Gen</b>	<b>738</b>	<b>0.26 %</b>
<b>Total Generation</b>	<b>278,527</b>	<b>99.58 %</b>
PLTG	-377	-0.13 %
HVDC	-795	-0.28 %
<b>Interconnection</b>	<b>-1,172</b>	<b>-0.42 %</b>
<b>Net Energy</b>	<b>279,699</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	16,197 MW
TNB Generation	3,102 MW
IPP Generation	9,984 MW
Spinning Reserve	3,082 MW
Maximum Demand	13,152 MW
Net Energy	279,699 MWH
Load Factor	88.61 %

### Fuel Cost

Total Cost:	81,444,617.02 RM
Cost per Unit	29.24 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,750
Hydro	775
Syncon	690
Thermal	1,154
<b>Total</b>	<b>4,369</b>

### Time Weather Temperature

Afternoon	Rainy	31
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	84
<b>Total TNB</b>	<b>135</b>
CBPS	39
EMPP	245
NPRI	121
PCGP	79
SPGP	195
<b>Total IPP</b>	<b>680</b>
<b>Total Gas</b>	<b>815</b>
<b>Total Gas Required</b>	<b>815</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	13152	12765	12259	11947	11472	11277	11240	11027	10549	10720	11037	11220	11113	11006	11109	11137	11078	11286	11469	11986	13040	12955	12603	12438





### Daily MW Generation on Sunday

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																														
Total Gen		13115	12812	12693	12491	12199	12014	11885	11498	11404	11260	11232	11135	11196	11195	10972	10774	10514	10537	10647	10751	10984	11068	11186	11172	11103	11041	10927	11061	11093	11088	11109	11007	11017	11104	11172	11253	11425	11572	11935	12777	13007	12994	12942	12846	12586	12415	12414	12188						
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			
TIE-HVDC		-28	-29	-29	-29	-30	-30	-29	-29	-28	-28	-30	-28	-28	-28	-28	-31	-29	-29	-31	-28	-30	-31	-28	-29	-29	-28	-28	-29	-29	-28	-28	-29	-29	-28	-28	-29	-29	-50	-48	-49	-48	-51	-48	-49	-47	-50	-50	-28						
TIE-PLTG		-8	-87	-43	-36	-31	-13	-32	-36	-39	-45	-17	-33	-16	-19	-28	-22	-7	-8	-44	-21	-22	-41	-4	11	19	37	-51	-88	14	25	1	-27	-33	-50	-86	-25	-15	-11	-3	29	15	18	35	13	30	8	26	5						
Interconnection		-37	-117	-72	-65	-60	-43	-62	-65	-68	-73	-45	-63	-44	-48	-55	-50	-35	-39	-73	-50	-53	-69	-34	-20	-10	8	-79	-119	-16	-3	-28	-55	-61	-78	-114	-54	-44	-61	-51	-19	-33	-33	-13	-36	-17	-42	-24	-22						
System Total		13152	12929	12765	12556	12259	12057	11947	11563	11472	11333	11277	11198	11240	11243	11027	10824	10549	10576	10720	10801	11037	11137	11220	11192	11113	11033	11006	11180	11109	11091	11137	11062	11078	11182	11286	11307	11469	11633	11986	12796	13040	13027	12955	12882	12603	12457	12438	12210						
SRev ST-Coal		1032	1027	1034	1040	1048	1036	1032	1032	1034	1045	1033	1042	1261	1090	1099	1017	1057	1057	1056	1056	1055	1064	1055	1052	1060	1048	1050	1080	1212	1210	1210	1209	1213	1216	1211	1209	1214	1209	1212	1211	1215	1211	1214	1211	1217	1213	1211	1212						
SRev OCGT-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	0	0	0	
SRev CCGT-Gas		692	601	673	672	860	1031	1168	1559	1664	1801	1795	1890	1765	1878	1968	2260	2580	2623	2578	2523	2445	2444	2470	2530	2486	2683	2721	2537	2422	2318	2363	2312	2108	1751	1710	1558	1357	1187	714	179	166	246	176	224	241	235	238	366						
SRev 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	0	0	0	
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		741	741	741	741	590	741	741	741	741	741	741	741	741	741	928	928	928	777	928	928	741	741	741	741	741	741	928	928	741	741	590	741	741	741	741	741	741	741	741	453	453	453	640	489	640	640	640	827						
Hydro		617	511	550	559	730	602	597	601	598	595	625	625	714	714	625	626	629	766	634	630	724	724	725	747	743	768	654	648	741	738	875	738	762	753	751	757	759	694	738	897	840	858	764	967	842	840	841	749						
S.Reserve Total		3082	2880	2998	3012	3228	3410	3538	3933	4037	4182	4194	4298	4481	4423	4620	4831	5194	5223	5196	5137	4965	4973	4991	5070	5030	5240	5353	5193	5116	5007	5038	5000	4824	4461	4413	4265	4071	3831	3405	2740	2674	2768	2794	2891	2940	2928	2930	3154						