

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,385 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,385 MW</b>
<b>Total IPP</b>	<b>19,301 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>25,688 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	16,175	4.94 %
Gas	44,680	13.66 %
<b>Total TNB</b>	<b>60,855</b>	<b>18.60 %</b>
ST-Coal	171,027	52.28 %
LSS	5,688	1.74 %
Gas	89,243	27.28 %
<b>Total IPP</b>	<b>265,958</b>	<b>81.29 %</b>
Co-Gen	693	0.21 %
<b>Total Co-Gen</b>	<b>693</b>	<b>0.21 %</b>
<b>Total Generation</b>	<b>327,506</b>	<b>100.11 %</b>
PLTG	-13	0.00 %
HVDC	367	0.11 %
<b>Interconnection</b>	<b>354</b>	<b>0.11 %</b>
<b>Net Energy</b>	<b>327,152</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:	21:00:00 Hour
Total Set On Bus	17,471 MW
TNB Generation	3,354 MW
IPP Generation	12,119 MW
Spinning Reserve	1,970 MW
Maximum Demand	15,526 MW
Net Energy	327,152 MWH
Load Factor	87.80 %

### Fuel Cost

Total Cost:	96,424,434.05 RM
Cost per Unit	29.44 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	766
Hydro	566
Syncon	706
Thermal	994
<b>Total</b>	<b>3,032</b>

### Time Weather Temperature

Afternoon	Rainy	28
Morning	Sunny	25

### 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	14875	14023	13589	13080	12697	12464	12465	12402	11848	12254	12892	13312	13421	13425	13609	13778	13880	13939	13666	14139	15521	15526	15272	14853

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	51
<b>Total TNB</b>	<b>80</b>
CBPS	42
EMPP	302
NPRI	133
PCGP	89
SPGP	210
<b>Total IPP</b>	<b>775</b>
<b>Total Gas</b>	<b>855</b>
<b>Total Gas Required</b>	<b>855</b>

### Alternate Fuel Usage

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





### 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																										
KHTC	BLK1	1	3	2	2	3	2	3	3	2	1	2	2	1	3	4	2	1	3	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3	2	0	2	2							
PCUF	CUFG	4	3	5	4	4	4	4	3	3	4	3	3	4	3	4	4	3	3	4	2	3	3	5	4	4	4	4	4	4	3	3	4	4	3	4	4	3	4	4	3	4	4								
PCUF	CUFK	7	7	6	6	7	7	7	7	4	5	5	6	8	7	5	8	7	6	7	7	6	6	7	6	6	7	6	6	6	6	7	7	5	6	6	5	7	6	8	6	6	6								
PFTZ	PFTZ	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7								
Total Co-Gen		19	31	20	19	32	32	29	30	36	25	22	36	34	20	33	35	34	39	35	35	25	18	17	31	28	26	27	30	37	26	27	29	30	31	29	28	29	29	24	25	30	29	28	33	33	25	33	33		
Total Gen		14918	14445	14033	13786	13560	13296	13101	12934	12706	12494	12500	12429	12458	12599	12452	12060	11873	12158	12331	12639	12910	13145	13291	13332	13411	13412	13450	13554	13660	13775	13806	13893	14008	14063	13994	13753	13623	13737	14166	15181	15540	15482	15501	15415	15243	15077	14888	14685		
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		
TIE-HVDC		29	29	30	30	31	31	31	31	29	29	31	31	29	29	31	29	31	29	31	31	29	31	29	31	31	31	31	29	29	29	-50	-48	-49	-49	-49	-49	-48	-47	-48	-47	-48	-47	29	29						
TIE-PLTG		14	-13	-20	-113	-60	-68	-10	-15	-20	-37	5	-28	-36	-7	22	-17	-3	24	45	31	-11	-46	-52	-81	-40	7	-6	18	20	-43	-4	-4	97	-4	26	-28	-72	5	75	77	68	48	23	54	19	50	6	79		
Interconnection		43	16	10	-82	-29	-37	21	15	9	-8	36	3	-7	22	50	14	25	53	77	63	18	-17	-21	-52	-10	38	25	46	51	-14	28	27	128	27	55	1	-43	-45	27	28	19	-1	-25	7	-29	2	35	108		
System Total		14875	14429	14023	13868	13589	13333	13080	12919	12697	12502	12464	12426	12465	12577	12402	12046	11848	12105	12254	12576	12892	13162	13312	13384	13421	13374	13425	13508	13609	13789	13778	13866	13880	14036	13939	13752	13666	13782	14139	15153	15521	15483	15526	15408	15272	15075	14853	14577		
SRev ST-Coal		767	1081	1171	1169	1176	1178	1172	1182	1165	1184	1216	1200	1185	1222	1157	1165	1157	1148	1167	1148	1163	1156	1156	1092	1075	1080	1071	1179	1084	1089	1080	1082	1081	1091	1084	1095	1092	1082	1064	827	813	789	809	713	716	718	727	721		
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
SRev CCGT-Gas		288	209	332	445	224	195	316	449	739	875	846	938	915	792	857	1181	1414	1254	1203	1006	858	906	975	1147	1129	1128	1047	1015	1060	1085	1047	865	727	542	484	599	766	878	724	287	202	197	196	212	226	300	362	326		
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
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
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	
Syncon		827	827	827	676	827	928	928	928	928	928	928	928	928	928	777	928	928	928	928	928	928	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	651	277	464	313	651	651	651	651	840			
Hydro		630	505	645	531	462	457	536	569	524	568	554	569	564	496	558	691	556	560	563	562	555	554	594	561	554	555	548	553	687	513	550	542	502	513	516	501	542	609	591	519	638	537	652	525	470	399	452	434		
S.Reserve Total		2512	2622	2975	2821	2689	2758	2952	3128	3356	3555	3544	3635	3592	3438	3500	3814	4055	3890	3861	3644	3504	3443	3552	3627	3585	3590	3493	3574	3507	3514	3504	3316	3137	2973	2911	3022	3227	3396	3206	2284	1930	1987	1970	2101	2150	2305	2279	2408		