

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,445 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,445 MW</b>
<b>Total IPP</b>	<b>16,586 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,893 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	16,961	4.93 %
Gas	41,891	12.17 %
<b>Total TNB</b>	<b>58,852</b>	<b>17.10 %</b>
ST-Coal	196,909	57.22 %
LSS	5,759	1.67 %
Gas	81,913	23.80 %
<b>Total IPP</b>	<b>284,581</b>	<b>82.69 %</b>
Co-Gen	779	0.23 %
<b>Total Co-Gen</b>	<b>779</b>	<b>0.23 %</b>
<b>Total Generation</b>	<b>344,212</b>	<b>100.02 %</b>
PLTG	904	0.26 %
HVDC	-843	-0.24 %
<b>Interconnection</b>	<b>61</b>	<b>0.02 %</b>
<b>Net Energy</b>	<b>344,151</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:	20:30:00 Hour
Total Set On Bus	17,012 MW
TNB Generation	3,886 MW
IPP Generation	11,855 MW
Spinning Reserve	1,238 MW
Maximum Demand	15,733 MW
Net Energy	344,151 MWH
Load Factor	91.14 %

### Fuel Cost

Total Cost:	115,445,312.08 RM
Cost per Unit	33.54 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	744
Hydro	549
Syncon	540
Thermal	254
<b>Total</b>	<b>2,087</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	28

### 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	15268	14585	14022	13545	13122	12976	12970	12897	12728	13649	14362	14662	14556	14332	14841	14925	15042	14953	14632	14722	15708	15630	15164	14670

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	152
<b>Total TNB</b>	<b>181</b>
EMPP	286
NPRI	136
PCGP	89
PGLA	9
SPGP	104
<b>Total IPP</b>	<b>625</b>
<b>Total Gas</b>	<b>805</b>
<b>Total Gas Required</b>	<b>805</b>

### Alternate Fuel Usage

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



### Daily MW Generation on Saturday

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
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	38	38	38	39
KNYR	HY01	99	99	99	99	99	99	99	99	60	60	60	60	0	0	0	0	61	61	61	61	100	99	61	-1
KNYR	HY02	99	100	100	100	99	99	95	100	100	100	100	98	61	60	62	0	0	0	0	0	0	0	0	0
KNYR	HY03	98	97	97	96	96	95	95	94	94	95	95	95	96	97	97	98	98	97	97	96	95	95	94	94
KNYR	HY04	102	102	102	101	102	102	101	101	101	102	102	102	102	101	101	100	101	101	101	101	-1	-1	-1	-1
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
LPIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	150	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	79	110	21	21	110	21	21	21
PGAU	HY02	148	22	21	21	21	21	21	22	22	22	22	21	21	21	21	20	20	20	20	20	20	20	20	20
PGAU	HY03	22	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	20	21	21	21	21	21	21
PGAU	HY04	22	21	21	21	21	21	21	22	22	21	22	21	21	20	20	20	20	20	20	21	21	21	80	79
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	86	83	71	57	70	41	74	82	85	84	83	80	82	80	74	67	81	80	80	42	85	42	70	81
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		959	677	664	648	661	631	659	671	675	676	635	630	595	613	576	446	460	458	418	460	415	443	455	441
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BDSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	4	9	16	16	13	28	22	10
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	12	14	13	24	9	32	32	35
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	13	19	23	26	28	31	32	26
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	10	14	22	25	25	27	26	21
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	15	15	27	34	17	21	41	36
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	14	18	22	19	30	17	17	22
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	16	22	27	34	40	35	33	49	36
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	16	21	25	28	29	30	30	27
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	11	13	24	19	23	21	39
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	21	28	35	62	71	80	85	89	88
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	17	26	33	37	40	43	44	45
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	12	12	23	26	29	30	27	29
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	14	10	52	64	78	89	96	99	76	66
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	3	13	17	21	24	23	24	27	18
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	17	24	36	41	37	46	40	39	46
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	34	52	83	74	89	82	70	88	92	93
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	31	26	10	36	26	53	85	95	74	106
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	6	10	14	19	25	22	34	34

