

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,380 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,380 MW</b>
<b>Total IPP</b>	<b>16,197 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>21,410 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	31,836	8.64 %
Distillate	76	0.02 %
Gas	38,161	10.35 %
<b>Total TNB</b>	<b>70,073</b>	<b>19.01 %</b>
ST-Coal	206,211	55.95 %
LSS	5,968	1.62 %
Distillate	2,743	0.74 %
Gas	83,354	22.62 %
<b>Total IPP</b>	<b>298,276</b>	<b>80.93 %</b>
Co-Gen	684	0.19 %
<b>Total Co-Gen</b>	<b>684</b>	<b>0.19 %</b>
<b>Total Generation</b>	<b>369,033</b>	<b>100.13 %</b>
PLTG	1,471	0.40 %
HVDC	-996	-0.27 %
<b>Interconnection</b>	<b>475</b>	<b>0.13 %</b>
<b>Net Energy</b>	<b>368,558</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:	16:00:00 Hour
Total Set On Bus	17,875 MW
TNB Generation	4,333 MW
IPP Generation	13,174 MW
Spinning Reserve	343 MW
Maximum Demand	17,438 MW
Net Energy	368,558 MWH
Load Factor	88.06 %

### Fuel Cost

Total Cost:	124,713,683.28 RM
Cost per Unit	33.79 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	1,090
Hydro	450
Syncon	103
Thermal	145
<b>Total</b>	<b>1,788</b>

### Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	14
TJGS	132
<b>Total TNB</b>	<b>175</b>
EMPP	254
NPRI	132
PCGP	81
PGLA	81
SKSP	2
SPGP	95
<b>Total IPP</b>	<b>645</b>
<b>Total Gas</b>	<b>820</b>
<b>Total Gas Required</b>	<b>853</b>

### Alternate Fuel Usage

Station	(mmscfd)
PGLA	10
PGLA	10
SKSP	11
TJGS	2
<b>Total</b>	<b>34</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	14978	14293	13701	13309	13019	12820	12953	13194	13724	15152	16165	16271	16284	16037	16862	17262	17438	17075	16073	15940	16994	16800	16173	15808



### Daily MW Generation on Tuesday

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
HTRG	HY03	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HTRG	HY04	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
KNRG	HY01	35	35	35	35	35	35	35	35	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24
KNRG	HY02	37	37	37	37	37	37	37	36	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
KNRG	HY03	37	37	37	37	37	37	37	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
KNYR	HY01	99	99	99	99	99	99	-1	-1	-1	-1	-1	100	99	99	99	99	99	99	99	99	99	99	99	
KNYR	HY02	96	94	99	95	94	96	61	62	60	60	61	61	89	82	95	96	90	92	87	91	90	82	90	
KNYR	HY03	98	98	97	97	96	96	95	95	95	95	96	97	97	98	98	98	97	97	96	97	97	96	96	
KNYR	HY04	100	100	100	100	100	100	100	100	100	101	101	100	100	100	100	100	100	101	101	101	101	102	102	
LPIA	HY01	17	17	17	17	17	17	16	16	16	16	16	16	16	16	17	17	17	17	18	18	18	18	18	18
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	22	22	22	22	22	22	112	112	
PGAU	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22
PGAU	HY03	21	21	21	21	21	21	20	21	20	21	20	21	21	21	111	111	111	111	111	111	147	145	113	
PGAU	HY04	21	20	21	22	21	21	21	21	21	21	21	22	22	110	110	110	110	110	110	111	146	146	112	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	50	50	50	50	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	50	50	50	50	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	25	25	25	25	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	85	85	85	85	84	84	84	84	83	82	82	83	82	
TMGR	HY02	34	34	34	34	34	0	0	0	0	0	88	88	87	88	87	89	90	89	89	90	90	89	89	
TMGR	HY03	32	31	0	0	0	0	0	0	0	0	82	84	85	85	85	84	85	84	85	84	84	84	85	
TMGR	HY04	49	40	43	41	42	41	43	43	42	39	40	41	42	78	66	78	75	80	72	71	75	72		
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	88	88	88	86	86	86	88	86	86	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	91	88	90	86	92	90	86	88	
UPLA	HY01	8	8	7	8	8	8	8	8	8	8	8	8	8	8	7	8	7	8	8	8	8	8	8	
Total Hydro		825	812	789	785	783	713	715	609	606	538	542	545	885	867	911	960	1040	1214	1321	1417	1414	1389	1405	
PGLA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
BDSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	13	16	19	23	22	27	18	15	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	11	15	20	23	25	28	30	32	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	14	19	23	26	29	31	32	32	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	10	5	9	30	25	18	21	38	47	47	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	11	15	25	24	21	15	16	26	28	17	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	11	26	17	16	19	29	23	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	5	16	21	28	34	38	42	45	47	48	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	16	21	25	28	30	31	31	30	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	12	16	21	42	29	28	31	51	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	14	28	38	52	62	73	80	86	89	91	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	8	9	21	27	32	37	40	43	45	46	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	9	13	18	23	26	29	30	30	30	

