

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,373 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,373 MW</b>
<b>Total IPP</b>	<b>17,232 MW</b>
Total Co-Gen	0 MW
<b>Total System</b>	<b>22,593 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	16,672	4.56 %
Gas	45,346	12.41 %
<b>Total TNB</b>	<b>62,018</b>	<b>16.98 %</b>
ST-Coal	207,989	56.93 %
LSS	7,030	1.92 %
Gas	88,425	24.20 %
<b>Total IPP</b>	<b>303,444</b>	<b>83.06 %</b>
Co-Gen	658	0.18 %
<b>Total Co-Gen</b>	<b>658</b>	<b>0.18 %</b>
<b>Total Generation</b>	<b>366,120</b>	<b>100.22 %</b>
PLTG	1,957	0.54 %
HVDC	-1,169	-0.32 %
<b>Interconnection</b>	<b>788</b>	<b>0.22 %</b>
<b>Net Energy</b>	<b>365,332</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:	16:30:00 Hour
Total Set On Bus	18,270 MW
TNB Generation	3,704 MW
IPP Generation	13,369 MW
Spinning Reserve	1,169 MW
Maximum Demand	17,082 MW
Net Energy	365,332 MWH
Load Factor	89.11 %

### Fuel Cost

Total Cost:	118,738,554.15 RM
Cost per Unit	32.43 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	604
Hydro	697
Syncon	476
Thermal	261
<b>Total</b>	<b>2,038</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Cloudy	27

### 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	15248	14576	14028	13502	13166	13062	13157	13206	13500	14958	15533	15850	15906	15480	15932	16671	17022	16993	16019	15870	16840	16621	16082	15819

### Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	177
<b>Total TNB</b>	<b>207</b>
EMPP	282
NPRI	141
PCGP	85
PGLA	63
SPGP	101
<b>Total IPP</b>	<b>672</b>
<b>Total Gas</b>	<b>878</b>
<b>Total Gas Required</b>	<b>878</b>

### Alternate Fuel Usage

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



### Daily MW Generation on Friday

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																													
KNYR	HY02	62	73	66	62	62	61	62	61	60	61	60	61	60	61	62	61	60	72	61	61	61	61	61	61	66	86	83	80	100	99	101	101	89	89	66	60	66	64	75	61	99	60	100	62	60								
KNYR	HY03	55	55	55	55	55	55	55	54	54	54	55	54	55	55	55	55	55	55	54	54	54	54	54	54	93	95	96	97	97	97	97	97	96	95	55	54	92	93	93	94	95	95	55	96	54	60							
KNYR	HY04	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	101	101	101	101	101	101	101	101	101	101	101	102	102	102	101	102	61	61	101	102	102	101	101	101	61	101	61	101	60							
LPIA	HY01	18	10	13	13	13	13	13	13	13	13	13	13	13	13	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16						
LPIA	HY02	17	10	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16					
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	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	-1	-1	19	-1	-1	111	19	21	21	21	21	21	21	21	21	81	-1	-1	111	111	111	111	111	81	80	82	81	81	81	81	81	81	81	81	81	81	-1					
PGAU	HY02	20	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	112	112	112	112	21	21	83	83	83	83	83	83	83	82	83	83	82	82						
PGAU	HY03	20	21	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	98	112	112	82	22	21	111	111	111	111	111	111	111	111	111	111	111	110						
PGAU	HY04	20	21	21	21	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	83	81	82	81	82	22	21	21	109	108	109	109	110	110	110	110	110	109						
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	0	0	0	0	31	31	31	51	51	51	51	51	30	30	30	50	50	50	50	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	0	0	0	0	30	30	30	50	50	50	50	50	30	30	30	36	50	50	50	9	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	0	0	0	0	30	30	30	50	50	50	50	50	30	30	30	50	50	50	50	25	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	0	0	0	0	17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	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	0	0	0	0	17	17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	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	0	0	0	0	17	17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	-1	0	-1	0	0	-1	-1	-1	0	-1	-1	-1	-1	-1	0	0	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	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	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	82	12	0	0	0	0	0	0			
TMGR	HY04	41	43	53	44	43	41	41	41	42	41	41	41	41	41	41	40	43	43	42	42	55	41	42	42	41	41	40	41	41	43	43	42	84	58	86	65	70	43	41	44	43	51	41	81	41	85	43	41					
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	-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	-1	-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	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 Hydro		454	447	393	381	381	377	380	379	377	376	374	374	377	375	377	393	379	384	494	400	427	405	406	406	407	406	646	571	733	733	865	1102	1307	1478	1512	1313	1014	721	648	1347	1531	1457	1320	1089	898	866	993	690					
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	0	0	0	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	0	0	2	5	8	12	15	18	21	23	22	21	27	25	26	26	26	11	11	7	19	8	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0			
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	13	12	16	23	29	29	31	32	32	32	32	31	32	31	30	29	24	21	18	14	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	10	9	25	27	30	31	32	32	32	32	31	32	31	30	28	17	11	12	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	17	27	29	34	39	42	43	46	46	31	18	27	14	15	26	10	3	3	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	16	7	24	25	18	28	32	24	31	30	31	18	16	37	11	22	11	7	7	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	13	12	7	11	8	20	20	28	28	26	25	24	28	21	22	11	10	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	16	14	21	31	41	41	46	48	50	50	46	47	49	44	41	37	21	16	9	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	11	17	22	23	25	28	28	28	30	30	30	30	31	30	38	23	20	9	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	6	21	28	33	38	44	36	50	48	43	39	30	38	36	39	30	17	13	10	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	17	30	23	50	65	67	78	85	91	91	91	86	91	85	81	74	49	27	31	1																		

