

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,212 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,212 MW</b>
<b>Total IPP</b>	<b>17,641 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>22,676 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	7,034	2.08 %
Gas	32,476	9.59 %
<b>Total TNB</b>	<b>39,510</b>	<b>11.67 %</b>
ST-Coal	232,116	68.58 %
LSS	2,130	0.63 %
Gas	65,432	19.33 %
<b>Total IPP</b>	<b>299,678</b>	<b>88.54 %</b>
Co-Gen	213	0.06 %
<b>Total Co-Gen</b>	<b>213</b>	<b>0.06 %</b>
<b>Total Generation</b>	<b>339,401</b>	<b>100.27 %</b>
PLTG	195	0.06 %
HVDC	724	0.21 %
<b>Interconnection</b>	<b>919</b>	<b>0.27 %</b>
<b>Net Energy</b>	<b>338,482</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 4/18/2019	18,566 MW
Date: 4/18/2019	391,845 MWH

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

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	17,313 MW
TNB Generation	2,336 MW
IPP Generation	13,461 MW
Spinning Reserve	1,507 MW
Maximum Demand	15,760 MW
Net Energy	338,482 MWH
Load Factor	89.49 %

### Fuel Cost

Total Cost:	53,358,379.40 RM
Cost per Unit	15.72 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	341
Hydro	328
Syncon	957
Thermal	268
<b>Total</b>	<b>1,894</b>

### Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	27

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	200
<b>Total TNB</b>	<b>229</b>
CBPS	51
KLPP	59
NPRI	151
PGLA	84
PLPS	7
<b>Total IPP</b>	<b>353</b>
<b>Total Gas</b>	<b>582</b>
<b>Total Gas Required</b>	<b>582</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	14637	14078	13616	13098	12818	12540	12504	12463	12200	13230	14054	14570	14475	14247	14722	14887	14898	14723	14354	14520	15760	15592	15169	14957



### 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
HTRG	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
HTRG	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
KNRG	HY02	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
KNYR	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
KNYR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY04	59	57	58	57	55	58	58	56	56	79	60	59	59	58	59	57	57	100	59	59	59	103	91	66
LPIA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
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	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
PGAU	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
PGAU	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
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
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	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
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	34	33	34	34	32	33	32	34	34	36	34	36	36	35	33	31	35	36	35	35	35	35	35	35
TMGR	HY03	-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	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
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		167	166	167	166	163	167	166	166	166	190	169	169	192	168	167	162	166	230	259	169	170	327	300	381
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	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	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	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	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	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSLS	LSS1	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 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
PCUF	CUFG	5	6	4	5	5	4	4	4	5	4	5	5	4	6	5	4	4	5	5	5	5	5	5	5
PCUF	CUFK	6	4	4	4	5	5	5	5	4	5	5	6	7	6	6	4	3	4	4	4	3	3	5	4
Total Co-Gen		11	10	8	9	10	9	9	10	8	9	10	11	11	12	11	8	7	9	9	8	7	8	7	9
Total Gen		14715	14355	14137	13935	13650	13415	13133	13041	12864	12739	12588	12555	12557	12673	12495	12318	12226	12755	13230	13712	14069	14403	14574	
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
TIE-HVDC		31	30	30	29	29	30	30	31	30	30	30	29	29	29	29	30	30	29	30	30	30	30	30	30
TIE-PLTG		50	-11	33	35	8	-5	8	41	18	23	22	28	27	53	7	3	1	-43	-25	-23	-10	-37	-25	-31
Interconnection		81	19	62	64	37	26	38	71	49	53	52	58	57	82	36	33	30	-14	4	6	19	-6	7	
System Total		14637	14339	14078	13874	13616	13392	13098	12973	12818	12690	12540	12501	12504	12595	12463	12289	12200	12773	13230	13710	14054	14412	14570	
SRev ST-Coal		139	294	377	371	369	417	484	466	457	419	378	497	457	458	462	451	482	505	520	413	263	270	250	

