

Daily System Generation Summary on Monday

Monday, March 19, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,106 MW
Distillate	0 MW
Total TNB	4,908 MW
Total IPP	14,646 MW
Total Co-Gen	27 MW
Total System	19,867 MW

Generation Mix

Type	MWh	Percentage
Gas	48,112	13.31 %
Hydro	16,161	4.47 %
Total TNB	64,273	17.78 %
ST-Coal	188,026	52.01 %
Gas	108,544	30.03 %
Total IPP	296,570	82.04 %
Co-Gen	1,076	0.30 %
Total Co-Gen	1,076	0.30 %
Total Generation	361,919	100.11 %
PLTG	300	0.08 %
HVDC	108	0.03 %
Interconnection	408	0.11 %
Net Energy	361,511	100.00 %

Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 3/15/2018	372,493 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,779 MW
TNB Generation	3,803 MW
IPP Generation	13,783 MW
Spinning Reserve	1,166 MW
Maximum Demand	17,567 MW
Net Energy	361,511 MWH
Load Factor	85.75 %

Fuel Cost

Total Cost:	66,035,264.44 RM
Cost per Unit	19.10 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	393
Hydro	680
Syncon	296
Thermal	133
Total	1,502

Time	Weather	Temperature
Afternoon	Rainy	30
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	36
GLGR	53
PGPS	39
SRDG	16
TJGS	214
Total TNB	358
CBPS	55
KLPP	108
MPSS	42
NPRI	161
PDPS	6
PKLG	7
PTEK	36
SGRI	180
SKSP	53
YPKA	86
Total IPP	733

Total Gas	1,091
Total Gas Required	1,091

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	14064	13421	13023	12564	12224	12128	12240	12442	13161	15132	16142	16718	16731	16524	17128	17502	17407	16997	15937	15564	16426	16252	15811	15386

Daily MW Generation on Monday

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		
TJGS	ST1C	254	248	238	236	249	251	233	250	229	219	253	225	246	181	207	224	212	234	245	246	247	247	246	248	250	245
TJGS	GT2A	186	188	190	182	198	182	182	186	186	199	189	201	211	182	143	143	208	206	205	206	206	206	206	206	207	207
TJGS	GT2B	192	190	194	187	203	187	186	189	189	207	195	205	217	188	148	147	213	211	211	211	210	210	211	211	211	212
TJGS	ST2C	255	242	240	238	246	241	239	241	239	242	243	240	254	239	211	211	253	255	255	255	256	256	256	256	255	255
YPKA	GT11	132	132	108	100	100	80	49	47	48	48	47	48	48	48	48	109	127	126	127	127	126	127	127	126	125	
YPKA	GT12	136	136	115	101	101	81	55	55	56	56	55	55	56	55	56	111	128	129	129	129	129	129	129	128	127	
YPKA	ST10	132	131	127	104	103	96	60	58	56	55	55	54	55	54	54	97	121	122	123	124	124	124	124	124	121	
YPKA	GT21	131	132	65	66	65	65	65	65	65	65	65	64	65	65	65	118	118	118	117	117	117	116	117	117	116	
YPKA	ST20	63	63	38	38	39	39	39	39	38	38	39	38	38	38	39	38	39	54	54	55	55	55	55	55	55	
Total CCGT-Gas		5765	5577	5357	5160	5119	5028	4838	4760	4633	4582	4696	4725	4847	4723	4589	4712	5177	6321	6724	6974	7104	7133	7060	7183	7146	
PDP5	GT02	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	
PDP5	GT04	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	
PKLG	GT08	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	
PKLG	GT09	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	
PTEK	GT1A	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	
PTEK	GT1B	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	
PTEK	GT2A	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	
PTEK	GT2B	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	
SRDG	GT04	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	
SRDG	GT05	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 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	
BSIA	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	
BSIA	HY02	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	22	22	13	13	13	13	13	13	13	14	
BSIA	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	
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	
HTRG	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	125	124	125	125	125	63	63	124	124	125	
KNRG	HY01	27	27	27	27	27	27	27	27	27	27	27	27	27	26	27	36	36	25	24	24	25	24	24	24	24	
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	0	
KNRG	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	
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	101	97	98	99	100	98	99	101	102	100	
KNYR	HY02	62	61	61	59	62	60	61	60	59	61	61	62	59	59	62	63	55	56	57	59	63	102	97	98	99	
KNYR	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	
KNYR	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	
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
LPIA	HY02	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
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	
PGAU	HY01	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	22	23	22	21	22	20	22	22	22	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	21	22	22	22	22	22	22	22	22	
PGAU	HY03	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	22	22	23	76	78	78	
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	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	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	
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	
SYPS	HY02	25	25	25	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	25	25	25	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

