

Daily System Generation Summary on Wednesday

Wednesday, March 18, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,247 MW
Distillate	0 MW
Total TNB	2,247 MW
Total IPP	18,591 MW
Total Co-Gen	0 MW
Total System	23,217 MW

Generation Mix

Type	MWh	Percentage
Hydro	8,169	2.56 %
Gas	24,677	7.72 %
Total TNB	32,846	10.28 %
ST-Coal	228,526	71.52 %
LSS	2,808	0.88 %
Gas	54,222	16.97 %
Total IPP	285,556	89.37 %
Co-Gen	404	0.13 %
Total Co-Gen	404	0.13 %
Total Generation	318,806	99.77 %
PLTG	-33	-0.01 %
HVDC	-696	-0.22 %
Interconnection	-729	-0.23 %
Net Energy	319,535	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	17,932 MW
TNB Generation	1,232 MW
IPP Generation	13,790 MW
Spinning Reserve	2,900 MW
Maximum Demand	15,028 MW
Net Energy	319,535 MWH
Load Factor	88.59 %

Fuel Cost

Total Cost:	50,041,251.87 RM
Cost per Unit	15.70 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,226
Hydro	198
Syncon	1,035
Thermal	738
Total	3,197

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	28
TJGS	150
Total TNB	178
CBPS	40
KLPP	0
NPRI	117
PGLA	66
PLPS	35
SGRI	33
YPKA	18
Total IPP	309
Total Gas	486
Total Gas Required	486

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	15028	14267	13642	13137	12717	12378	12140	11966	11514	12201	12743	13042	13188	13296	13676	13958	14024	13724	12964	12915	14326	14411	14288	14040

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, April 02, 2020 11:04:22 AM
(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Wednesday

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
CEND	HY03	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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	HY03	23	23	23	23	24	23	24	24	23	23	23	23	23	23	24	23	23	23	22	22	23	35	35	35
KNYR	HY02	-1	-1	-1	97	96	100	100	100	100	100	97	100	100	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY03	0	0	0	96	94	99	99	99	99	99	96	98	98	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	58	52	59	96	95	100	100	100	100	100	97	99	99	59	56	52	56	58	58	58	59	59	59	58
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	16	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	4	4	4	4	4	2	2	2	2	2	2
PGAU	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
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	33	29	34	34	31	36	36	36	36	36	32	36	36	34	32	26	34	32	34	33	34	34	34	34
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	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	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		156	145	158	389	382	402	401	403	402	423	401	401	410	400	400	158	153	142	156	155	157	156	158	230
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
BDLS	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
GELS	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	6	6	5	5	6	6	6	5	6	5	5	7	5	4	5	5	6	5	5	6	6	5	6	5
PCUF	CUFK	4	5	4	5	5	4	5	5	5	6	5	5	5	4	6	6	5	6	4	5	6	4	5	6
Total Co-Gen		10	11	9	10	11	10	11	11	10	12	10	8	9	11	12	10	11	10	12	11	11	9	10	9
Total Gen		15032	14655	14250	13960	13630	13334	13081	12900	12675	12577	12344	12218	12103	12037	11916	11521	11494	11930	12163	12435	12682	12848	12988	13121
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		36	28	16	7	20	22	-24	-2	-9	-8	-1	-33	-4	-12	-17	55	14	84	-6	-45	-28	-62	-21	-11
Interconnection		8	-1	-13	-22	-9	-7	-53	-31	-38	-37	-30	-62	-33	-42	-46	26	-16	55	-34	-73	-57	-90	-50	-40
System Total		15028	14660	14267	13986	13642	13344	13137	12934	12717	12618	12378	12284	12140	12083	11966	11499	11514	11879	12201	12512	12743	12942	13042	13165
SRev ST-Coal		351	328	649	730	783	1069	1070	1069	1073	1073	1070	1071	1073	1069	1070	1074	1124	1123	1081	976	921	846	823	825

Daily MW Generation on Wednesday

[illegible]