

Daily System Generation Summary on Saturday

Saturday, October 10, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,240 MW
Distillate	0 MW
Total TNB	2,240 MW
Total IPP	16,200 MW
Total Co-Gen	0 MW
Total System	20,786 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,920	5.24 %
Gas	33,453	9.78 %
Total TNB	51,373	15.02 %
ST-Coal	213,376	62.40 %
LSS	2,492	0.73 %
Gas	75,798	22.17 %
Total IPP	291,666	85.29 %
Co-Gen	164	0.05 %
Total Co-Gen	164	0.05 %
Total Generation	343,203	100.36 %
PLTG	508	0.15 %
HVDC	726	0.21 %
Interconnection	1,234	0.36 %
Net Energy	341,969	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:	20:30:00 Hour
Total Set On Bus	17,303 MW
TNB Generation	3,044 MW
IPP Generation	12,910 MW
Spinning Reserve	1,344 MW
Maximum Demand	15,927 MW
Net Energy	341,969 MWH
Load Factor	89.46 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	338
Hydro	356
Syncon	670
Thermal	277
Total	1,641

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	49
SRDG	2
TJGS	156
Total TNB	206
CBPS	49
KLPP	4
NPRI	153
PGLA	103
PLPS	60
SGB3	50
YPKA	3
Total IPP	421
Total Gas	627

Total Gas Required 627

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	14718	14068	13631	13037	12734	12592	12532	12396	12252	13416	14235	14642	14626	14596	14911	15163	15154	14892	14584	15223	15876	15806	15413	15063

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, November 5, 2020 8:30:02 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

[illegible]

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					
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	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	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	12	12	12	20	20	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	21	21	21	21	21	21		
BSIA	HY02	23	23	23	23	22	22	0	0	0	0	0	0	0	0	0	0	0	12	11	11	22	22	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	23	23	23	23	23	23	23	23	23	23	23		
BSIA	HY03	22	22	22	22	22	22	12	12	12	12	12	12	12	12	12	12	12	11	12	21	21	22	13	14	14	13	13	14	14	14	14	14	14	13	14	14	14	21	22	22	22	22	22	22	22	22	22	22	22		
CEND	HY01	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
CEND	HY02	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9			
CEND	HY03	8	8	8	8	8	9	8	8	8	8	8	8	8	8	8	8	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	8	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	20	21	21	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	36	36	36	36	36	36		
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	0	0	0	23	22	23	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	25	25	37	37	37	38	37	38	37		
KNRG	HY03	37	37	37	37	37	37	37	37	37	37	37	37	37	37	25	26	25	24	24	36	36	38	22	22	23	22	23	22	23	23	23	23	23	23	23	23	23	21	21	20	20	36	36	36	36	36	36	36			
KNYR	HY01	95	99	99	99	99	98	97	99	98	59	98	99	99	99	57	58	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	95	95	95	94	95	95	99	99	99	80	80	80			
KNYR	HY02	96	98	98	98	98	98	98	98	99	60	97	99	99	99	58	60	99	99	99	97	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98	86	86			
KNYR	HY03	95	95	95	95	95	95	95	95	-1	-1	-1	-1	-1	-1	-1	-1	99	100	100	98	99	100	100	99	100	100	100	100	100	99	100	100	100	100	99	100	99	99	99	99	99	99	99	99	99	99	99	99			
KNYR	HY04	98	98	98	98	98	98	98	98	99	61	98	99	99	99	59	61	99	99	99	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98			
LPIA	HY01	22	22	22	22	22	22	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21			
LPIA	HY02	22	22	23	23	22	22	23	22	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	21	21	21	21	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	6	6	6	6	6	6	3	3	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	4	4	4	4	4	3				
PGAU	HY01	21	21	21	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	21	80	80	20	21	21	20	20	20	20	-1	-1	-1	-1	31	20	20	20	20	20	20	-1	-1			
PGAU	HY02	20	21	21	21	-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	21	20	21	-1	-1	-1	20	20	20	20	-1	-1	-1	-1				
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	21	81	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	20	20	20	-1	-1	-1	-1			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	19	20	20	20	19	20	20	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	31	31	31	49	49	31	0	31	31	49	49	49	49	49	49	31	31	31	49	31	31	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	30	30	30	50	50	31	0	5	31	50	50	50	50	50	50	50	30	30	30	30	30	30	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	30	30	30	50	49	31	0	0	31	50	50	50	50	49	50	50	30	30	30	30	30	50	30	30	30	30	30	50	47		
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	17	0	17	17	25	25	25	25	25	25	17	17	17	17	25	25	25	17	17	17	25	0			
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	25	25	17	0	17	17	25	25	25	25	25	25	16	16	16	16	25	25	25	17	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	17	17	17	17	25	25	17	0	17	17	25	25	25	25	25	25	16	16	16	25	25	25	17	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	83	83	83	83	62	12	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	83	83	83	83	83	33	33		
TMGR	HY02	30	35	34	35	35	35	35	34	34	34	35	34	35	34	35	34	35	34	35	87	86	86	87	86	66	36	36	37	37	36	36	36	36	36	36	36	36	36	37	86	86	86	86	86	86	86	86	86	86	36	36
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	83	82	83	83	83	29	0	0	0	0	0	0	0	0	0	0	0	0	0	83	83	83	83	83	83	83	32	0	0	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	84	84	84	84	84	30	31	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
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				
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				
UPIA	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	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7	7	7			
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Total Hydro		675	687	687	689	642	642	587	588	489	373	486	491	512	343	324	498	445	676	920	975	1046	1027	1020	823	641	469	614	673	786	685	693	7																			

