

Daily System Generation Summary on Monday

Monday, May 23, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,306 MW
Distillate	0 MW
Total TNB	2,306 MW
Total IPP	19,403 MW
Total Co-Gen	0 MW
Total System	25,180 MW

Generation Mix

Type	MWh	Percentage
Hydro	9,748	2.49 %
Gas	55,695	14.21 %
Total TNB	65,443	16.70 %
ST-Coal	233,427	59.57 %
LSS	4,271	1.09 %
Gas	87,047	22.21 %
Total IPP	324,745	82.87 %
Co-Gen	1,249	0.32 %
Total Co-Gen	1,249	0.32 %
Total Generation	391,437	99.89 %
PLTG	167	0.04 %
EGAT	6	0.00 %
HVDC	-610	-0.16 %
Interconnection	-437	-0.11 %
Net Energy	391,874	100.00 %

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:	15:30:00 Hour
Total Set On Bus	19,867 MW
TNB Generation	3,646 MW
IPP Generation	15,042 MW
Spinning Reserve	1,129 MW
Maximum Demand	18,726 MW
Net Energy	391,874 MWH
Load Factor	87.19 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	462
Hydro	583
Syncon	247
Thermal	350
Total	1,642

Gas Usage

Station	(mmscfd)
GLGR	30
SRDG	3
TJGS	168
Total TNB	201
CBPS	50
EMPP	205
NPRI	157
PCGP	87
PLPS	64
SPGP	171
Total IPP	734
Total Gas	935

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 935

Time Weather Temperature

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	15779	14892	14358	13836	13480	13224	13428	13353	14026	15877	17050	17689	17711	17521	18305	18724	18691	18236	17117	17057	18011	18092	17559	17096

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, June 7, 2022 9:46:45 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Monday

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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		
HTRG	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		
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	3	3
HTRG	HY04	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	
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	21	33	34	34	34	22	22
KNRG	HY02	20	21	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	37	37	37	37	23	23
KNRG	HY03	22	23	22	22	22	23	22	23	23	23	23	21	23	37	37	37	36	36	35	35	35	35	35	35	22	21
LPJA	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	20	
LPJA	HY02	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	
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	HY03	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	21	21	
PGAU	HY04	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21	21	21	21	
SIHY	HY02	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50	50	30	
SIHY	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50	50	30	
SYPS	HY01	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	17	17	17	
SYPS	HY03	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	17	17	17	
SYPS	HY04	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	25	25	17	17	17	
TMGR	HY01	42	43	42	41	40	42	61	42	42	43	72	86	42	42	44	42	43	65	43	62	39	43	60	43	43	
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	44	40	43	44	43	44	43	44	43	43	
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	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	41	41	36	41	41	40	41	40	41	41	41	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	90	92	90	93	-1	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	96	-1	-1	-1	92	94	92	94	89	88	
UPIA	HY01	8	7	8	7	8	7	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Total Hydro		332	224	224	221	200	202	223	204	203	204	205	234	248	202	205	207	205	204	228	244	309	274	289	333	315	410
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	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	10	16	17	19	21	17	15	17	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	10	20	25	24	22	31	31	32	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	11	12	16	17	20	22	31	31	32	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7	15	23	27	21	37	37	41	40	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	11	16	12	19	15	13	13	8	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	10	15	21	24	32	36	43	38	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	12	12	14	17	17	23	26	22	
JLSL	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	16	11	13	28	38	43	14	44	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	11	23	41	38	45	52	52	41	74	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	17	21	19	28	23	28	30	65	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	11	13	16	16	18	22	14	19	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	8	14	20	24	30	18	27	27	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	21	46	62	77	88	87	77	98	78	85	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	8	7	14	37	27	28	14	40	52	
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	15	22	25	30	23	37	31	37	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	15	19	22	24	17	15	24	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	21	19	29	30	29	30	30	30	30	
Total LSS		0	0	0	0	0	0	0	0	0	0	3	20	81	167	261	329	423	483	506	488	575	577	613	566	574	513
PCUF	CUFG	28	27	27	27	27	28	27	28	27	28	28	27	28	29	27	26	26	26	25	23	23	24	23	23	23	23
PCUF	CUFK	26	26	24	26	27	25	25	25	25	26	26	27	26	26	26	26	26	26	25	26	27	27	26	26	26	
Total Co-Gen		54	53	51	53	54	53	52	53	52	53	54	55	53	53	52	51	51	50	50	50	50	50	49	49	50	50
Total Gen		15798	15395	14952	14654	14328	14083	13784	13601	13446	13328	13187	13277	13387	13577	13352	13419	13992	15113	15833	16416	17032	17336	17690	17829	17631	17586

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