

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,485 MW
Distillate	0 MW
Total TNB	2,485 MW
Total IPP	17,286 MW
Total Co-Gen	0 MW
Total System	22,759 MW

Generation Mix

Type	MWh	Percentage
Hydro	21,780	5.90 %
Gas	44,460	12.04 %
Total TNB	66,240	17.94 %
ST-Coal	205,645	55.71 %
LSS	6,294	1.71 %
Gas	90,851	24.61 %
Total IPP	302,790	82.02 %
Co-Gen	603	0.16 %
Total Co-Gen	603	0.16 %
Total Generation	369,633	100.13 %
PLTG	2,081	0.56 %
EGAT	4	0.00 %
HVDC	-1,597	-0.43 %
Interconnection	488	0.13 %
Net Energy	369,145	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:	16:00:00 Hour
Total Set On Bus	18,773 MW
TNB Generation	3,491 MW
IPP Generation	13,944 MW
Spinning Reserve	1,315 MW
Maximum Demand	17,403 MW
Net Energy	369,145 MWH
Load Factor	88.38 %

Fuel Cost

Total Cost:	128,445,957.22 RM
Cost per Unit	34.75 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	591
Hydro	614
Syncon	401
Thermal	144
Total	1,750

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	170
Total TNB	199
EMPP	288
NPRI	141
PCGP	87
PGLA	69
SPGP	104
Total IPP	689
Total Gas	888
Total Gas Required	888

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	14885	14176	13706	13297	12993	12855	13238	13375	13759	15190	15914	16384	16173	16081	16876	17307	17403	17065	16128	15965	16983	16847	16284	15940

Daily MW Generation on Thursday

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	
KNRG	HY01	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNRG	HY02	37	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	37	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	
KNYR	HY01	59	60	60	60	59	60	60	60	60	60	60	60	60	61	59	101	101	100	100	100	100	101	101	100	100
KNYR	HY02	60	60	60	61	61	61	60	61	61	61	61	61	61	61	60	100	100	100	100	100	100	100	100	100	100
KNYR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	55	-1	-1	-1	-1	95	96	96	95	95	95	95	
KNYR	HY04	60	61	61	60	61	61	61	61	61	60	61	61	61	61	101	101	101	101	101	101	101	101	101	101	
LPIA	HY01	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
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	HY01	21	21	21	21	22	21	22	22	22	22	21	21	21	22	22	22	21	81	81	81	81	81	81	81	
PGAU	HY02	21	21	21	22	22	22	22	22	22	22	21	21	22	22	22	21	82	82	82	81	82	82	82	82	
PGAU	HY03	21	21	21	22	22	22	22	22	22	22	21	21	21	22	22	21	21	21	21	21	21	21	21	21	
PGAU	HY04	21	21	21	22	22	22	22	22	21	22	21	21	21	22	22	22	22	22	22	22	23	22	22	22	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	50	50	50	50	50	31	31	
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	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	30	30	30	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	
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	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	87	0	0		
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32		
TMGR	HY04	40	58	41	62	76	47	80	60	75	42	43	80	83	75	46	82	84	80	81	79	79	85	64		
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Total Hydro		717	535	518	542	556	527	560	541	556	521	524	559	562	553	579	565	564	681	683	774	867	994	970	939	
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	1	3	4	7	6	18	22	23	25	19	24	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	15	17	18	21	30	16	15	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	11	16	13	17	27	27	28	18	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	12	19	26	32	34	34	26	41	44	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	13	25	18	26	34	41	35	33	44	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	8	13	10	11	26	16	25	30	23	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	14	20	23	24	30	44	42	43	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10	11	13	22	22	29	29	31	30	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	11	18	18	27	28	25	49	36	51	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	16	30	48	38	41	75	80	67	57	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	16	27	20	27	29	43	47	29	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	12	12	11	17	26	28	25	30	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	17	31	40	53	55	96	93	85	97	
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15	11	14	16	19	22	13	19	14	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	17	19	31	38	43	45	47	49	47	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	73	80	52	64	71	88	87	86	81	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	51	60	55	45	61	103	77	72	83	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	11	22	29	37	42	45	40	39	39	

