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Ministry of Energy and Natural Resources
Royal Government of Bhutan
Bhutan Power System Operator
Thimphu: Bhutan



THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 06-Aug-2026(-ve:import, +ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	August 6, 2026	9:00 AM			05-Aug-26	19:16:16
						1,611.33
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	186.95	400kV THP - Siliguri Line - I	125.90	Unit-IV & VI under Emergency Shutdown due to low RCW flow.
		Unit-II	187.70	400kV THP - Siliguri Line - II	124.64	
		Unit-III	187.00	400kV THP - Norbugang - IV	176.21	
		Unit-IV	0.00	400kV THP - Malbase Line - III	315.61	
		Unit-V	186.95	400kV Malbase - Siliguri Line	73.51	
		Unit-VI	0.00	400kV Norbugang-Siliguri Line	91.38	
		Total	748.61	Auxiliary Consumption & Transformation Losses at Generator end	0.83%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.73	400kV MHP - Jigmeling Line - I	264.29	400kV MHP-JLG Line -III on Standby.
		Unit-II	197.69	400kV MHP - Jigmeling Line - II	263.66	
		Unit-III	193.40	400kV MHP - Jigmeling Line - III	0.00	
		Unit-IV	198.33	400kV MHP - Jigmeling Line - IV	257.26	
		-	-	220kV Jigmeling - BitDeer Line - I	181.36	
		-	-	220kV Jigmeling - BitDeer Line - II	163.83	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	411.27	
		-	-	400kV Jigmeling - Alipurduar Line - I	314.91	
		-	-	400kV Jigmeling - Alipurduar Line - II	314.18	
		-	-	80MVA, 220/132kV ICT - I (HV)	33.85	
		-	-	80MVA, 220/132kV ICT - II (HV)	33.45	
		-	-	132kV MHP - Yurmo Line - II	51.23	
		-	-	132kV MHP - Tintibi Line	74.00	
		-	-	132kV Gelephu - Salakati Line	-15.62	
		Total	787.15	Auxiliary Consumption & Transformation Losses at Generator end	0.71%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	177.00	400kV PHP II - Jigmeling -I	132.72	All Units and Feeders are in Service.
		Unit-II	168.89	400kV PHP II - Jigmeling -II	132.21	
		Unit-III	178.87	400kV PHP II - Alipurduar -I	388.52	
		Unit-IV	175.07	400kV PHP II - Alipurduar -II	388.15	
		Unit-V	163.32	-	-	
		Unit-VI	174.59	-	-	
		Total	1,037.74	Auxiliary Consumption & Transformation Losses at Generator end	-0.37%	
4	4 x 84 MW CHP (Chukha)	Unit-I	91.27	220kV CHP - Birpara Line - I	-4.56	Unit-II under periodic maintenance.(inspection of underwater componenets)
		Unit-II	0.00	220kV CHP - Birpara Line - II	-4.52	
		Unit-III	91.19	220kV CHP - Gedu	86.09	
		Unit-IV	91.51	220kV CHP - Jamjee - I	64.14	
		-	-	220kV CHP - Jamjee - II	63.74	
		-	-	220kV CHP - Jamjee - III	61.56	
		-	-	220kV Malbase - Birpara Line	-32.74	
		-	-	66kV CHP - Gedu Line	6.41	
		Total	273.97	Auxiliary Consumption & Transformation Losses at Generator end	0.41%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	12.04	220kV BHP - Semtokha Line	91.97	All Units & Feeders are in Service.
		Unit-II	9.75	66kV BHP - Lobeysa Line	22.41	
		Total	21.79	220kV BHP - Tsirang Line	-49.78	
6	2 x 20 MW BHP (L/S) (Basochhu)	Unit-I	20.49	5MVA, 66/11kV TFR	0.27	All Units & Feeders are in Service.
		Unit-II	20.47	30MVA ICT, 220/66kV (HV)	-0.93	
		Total	40.96	Auxiliary Consumption & Transformation Losses at Generator end	-3.38%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	61.60	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby.
		Unit-II	53.52	220kV DHP - Dagapela Line	114.80	
		-	-	220kV BitDeer - Dagapela Line	-69.20	
		-	-	5MVA, 220/33kV TFR	0.25	
		Total	115.12	Auxiliary Consumption & Transformation Losses at Generator end	0.06%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.55	132kV KHP - Nangkor Line	46.54	All Units & Feeders are in Service.
		Unit-II	16.48	132kV KHP - Kilikhar Line	18.70	
		Unit-III	16.58	5MVA, 132/11kV TFR	0.37	
		Unit-IV	16.53	132kV Motanga - Rangja Line	25.97	
		Total	66.14	Auxiliary Consumption & Transformation Losses at Generator end	0.80%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	64.90	132kV NHP-MHP-I	64.47	All Units & Feeders are in Service.
		Unit-II	64.90	132kV NHP-MHP-II	64.40	
		Total	129.80	Auxiliary Consumption & Transformation Losses at Generator end	0.72%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	7.80	66kV SHP-Damdhum (Samtse)	15.42	All Units & Feeders are in Service.
		Unit-II	7.78	-	-	
		Total	15.58	Auxiliary Consumption & Transformation Losses at Generator end	1.03%	
11	22.38 MWp SSP (Sephu Solar Plant)	Inverter-1	1.75	33kV SSP-Wangdue	8.29	All Inverters and Feeders in Service
		Inverter-2	3.32	33kV SSP-Trongsa	8.03	
		Inverter-3	3.24	-	-	
		Inverter-4	4.40	-	-	
		Inverter-5	3.63	-	1000.00%	
		Total	16.34	Auxiliary Consumption & Transformation Losses at Generator end	0.09%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	15.08	Unit-I under Shutdown.
		Unit-II	15.98	5MVA, 132/33kV TFR	0.67	
		Total	15.98	Auxiliary Consumption & Transformation Losses at Generator end	1.44%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	35.42	Unit I under Shutdown.
		Unit-II	27.12	132kV BSHP-Tintibi	-8.51	
		Total	27.12	Auxiliary Consumption & Transformation Losses at Generator end	0.77%	

Note: Generation-Load Summary (MW) for 06-Aug-26 at 09:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,296.30	1,506.57	1,789.72

Note: Generation-Load Summary (MW) for 06-Aug-25 at 09:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	3,168.27	994.77	2,173.50

09:00 hrs Statistical Comparison (MW) for this and last year

