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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 07-Jun-2026(+ve:import, -ve:export)						
Report Details	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 6, 2026	9:00 AM			08-Nov-25	19:03:00
						1,477.00
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	104.09	400kV THP - Siliguri Line - I	43.27	Unit-II & III on Standby All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	41.92	
		Unit-III	0.00	400kV THP - Norbugang - IV	120.32	
		Unit-IV	120.45	400kV THP - Malbase Line - III	245.01	
		Unit-V	120.21	400kV Malbase - Siliguri Line	-5.61	
		Unit-VI	110.34	400kV Norbugang-Siliguri Line	-34.93	
		Total	455.09	Auxiliary Consumption & Transformation Losses at Generator end	1.00%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.97	400kV MHP - Jigmeling Line - I	255.94	400kV MHP-JLG line- II tripped and on Line-Patrolling.
		Unit-II	197.91	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	194.58	400kV MHP - Jigmeling Line - III	265.53	
		Unit-IV	198.10	400kV MHP - Jigmeling Line - IV	265.85	
		-	-	220kV Jigmeling - BitDeer Line - I	169.07	
		-	-	220kV Jigmeling - BitDeer Line - II	152.97	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	387.27	
		-	-	400kV Jigmeling - Alipurduar Line - I	191.27	
		-	-	400kV Jigmeling - Alipurduar Line - II	189.09	
		-	-	80MVA, 220/132kV ICT - I (HV)	33.63	
		-	-	80MVA, 220/132kV ICT - II (HV)	33.30	
		-	-	132kV MHP - Yurmo Line - II	57.69	
		-	-	132kV MHP - Tintibi Line	68.75	
		-	-	132kV Gelephu - Salakati Line	-19.21	
		Total	788.56	Auxiliary Consumption & Transformation Losses at Generator end	0.41%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	0.00	400kV PHP II - Jigmeling-I	-5.51	Unit I & II under shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP II - Jigmeling-II	-5.72	
		Unit-III	0.00	400kV PHP II - Alipurduar-I	191.88	
		Unit-IV	181.95	400kV PHP II - Alipurduar-II	192.21	
		Unit-V	185.86	-	-	
		Unit-VI	0.00	-	-	
		Total	367.81	Auxiliary Consumption & Transformation Losses at Generator end	-1.37%	
4	4 x 84 MW CHP (Chukha)	Unit-I	74.36	220kV CHP - Birpara Line - I	-27.92	Unit-II under Shutdown.
		Unit-II	0.00	220kV CHP - Birpara Line - II	-27.61	
		Unit-III	74.67	220kV CHP - Gedu	59.39	
		Unit-IV	80.32	220kV CHP - Jamjee - I	74.01	
		-	-	220kV CHP - Jamjee - II	73.00	
		-	-	220kV CHP - Jamjee - III	70.98	
		-	-	220kV Malbase - Birpara Line	-48.26	
		-	-	66kV CHP - Gedu Line	5.88	
		Total	229.35	Auxiliary Consumption & Transformation Losses at Generator end	0.71%	
5	2 x 12 MW BHP (U/S) (Basochu)	Unit-I	12.05	220kV BHP - Semtokha Line	79.38	All Feeders are in Service.
		Unit-II	12.00	66kV BHP - Lobeysa Line	25.73	
		Total	24.05	220kV BHP - Tsirang Line	-40.57	
6	2 x 20 MW BHP (L/S) (Basochu)	Unit-I	20.55	5MVA, 66/11kV TFR	0.40	All Feeders are in Service.
		Unit-II	20.80	30MVA ICT, 220/66kV (HV)	2.71	
		Total	41.35	Auxiliary Consumption & Transformation Losses at Generator end	0.70%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	35.50	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line under Shutdown.
		Unit-II	30.01	220kV DHP - Dagapela Line	64.98	
		-	-	220kV BitDeer - Dagapela Line	-20.52	
		-	-	5MVA, 220/33kV TFR	0.50	
		Total	65.51	Auxiliary Consumption & Transformation Losses at Generator end	0.05%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.57	132kV KHP - Nangkor Line	50.98	All Units and feeders are in Service.
		Unit-II	16.57	132kV KHP - Kilikhar Line	14.27	
		Unit-III	16.53	5MVA, 132/11kV TFR	0.34	
		Unit-IV	16.52	132kV Motanga - Rangja Line	46.21	
		Total	66.19	Auxiliary Consumption & Transformation Losses at Generator end	0.91%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	64.38	132kV NHP-MHP-I	64.20	All Units and feeders are in Service.
		Unit-II	64.97	132kV NHP-MHP-II	64.22	
		Total	129.35	Auxiliary Consumption & Transformation Losses at Generator end	0.72%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	5.01	66kV SHP-Damdhum (Samtse)	0.00	Interim measure: Evacuation is through 33kV System.
		Unit-II	5.07	-	-	
		Total	10.08	Auxiliary Consumption & Transformation Losses at Generator end	100.00%	
11	17.38 MWp SSP (Sephu Solar Plant)	Inverter-1	0.32	33kV SSP-Wangdue	1.81	All Inverters & Feeders are in Service.
		Inverter-2	0.77	33kV SSP-Trongsa	1.84	
		Inverter-3	0.74	-	-	
		Inverter-4	0.99	-	-	
		Inverter-5	0.86	-	-	
		Total	3.67	Auxiliary Consumption & Transformation Losses at Generator end	0.65%	
12	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	14.91	All Units and feeders are in Service.
		Unit-II	16.04	5MVA, 132/33kV TFR	0.89	
		Total	16.04	Auxiliary Consumption & Transformation Losses at Generator end	1.50%	
13	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	36.78	Test charge not yet done for Unit-I.
		Unit-II	27.49	132kV BSHP-Tintibi	-9.61	
		Total	27.49	Auxiliary Consumption & Transformation Losses at Generator end	1.16%	

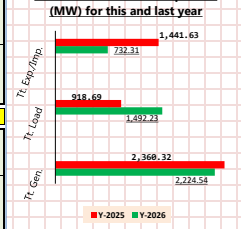
Note: Generation-Load Summary (MW) for 06-Jun-26 at 09:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	2,224.54	1,492.23	732.31

Note: Generation-Load Summary (MW) for 06-Jun-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)	2,360.32	918.69	1,441.63

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



THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 07-Jun-2026(-ve:import,+ve:export)						
Report	Date	Time	National Coincidental Peak Load (MW)		Date	Time
	June 6, 2025	19:00:00			08-Nov-25	19:03:00
						1,477.08
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	6 x 170 MW THP (Tala)	Unit-I	165.51	400kV THP - Siliguri Line - I	86.42	Unit-III & Unit-II on Standby. All Feeders are in Service.
		Unit-II	0.00	400kV THP - Siliguri Line - II	85.67	
		Unit-III	0.00	400kV THP - Norbugang Line - IV	160.98	
		Unit-IV	170.32	400kV THP - Malbase Line - III	322.00	
		Unit-V	165.01	400kV Malbase - Siliguri Line	27.05	
		Unit-VI	160.19	400kV Norbugang-Siliguri Line	0.59	
		Total	661.03	Auxiliary Consumption & Transformation Losses at Generator end	0.90%	
2	4 x 180 MW MHP (Mangdechhu)	Unit-I	197.78	400kV MHP - Jigmeling Line - I	255.52	400kV MHP-JLG line- II tripped and on Line- Patrolling.
		Unit-II	197.72	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	194.22	400kV MHP - Jigmeling Line - III	264.56	
		Unit-IV	196.60	400kV MHP - Jigmeling Line - IV	264.70	
		-	-	220kV Jigmeling - BitDeer Line - I	177.88	
		-	-	220kV Jigmeling - BitDeer Line - II	162.17	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	447.27	
		-	-	400kV Jigmeling - Aliparduar Line - I	209.46	
		-	-	400kV Jigmeling - Aliparduar Line - II	208.00	
		-	-	80MVA, 220/132kV ICT - I (HV)	54.69	
		-	-	80MVA, 220/132kV ICT - II (HV)	54.34	
		-	-	132kV MHP - Yumo Line - II	60.55	
		-	-	132kV MHP - Tintibi Line	47.13	
		-	-	132kV Gelephu - Salakati Line	-10.11	
		Total	786.32	Auxiliary Consumption & Transformation Losses at Generator end	0.36%	
3	6 x 170 MW PHP-II (Punatsangchhu)	Unit-I	186.90	400kV PHP II - Jigmeling -I	44.09	Unit I & II under shutdown. Unit-VI & III under AMP.
		Unit-II	0.00	400kV PHP II - Jigmeling -II	43.71	
		Unit-III	0.00	400kV PHP II - Aliparduar -I	235.98	
		Unit-IV	186.63	400kV PHP II - Aliparduar -II	235.92	
		Unit-V	186.57	-	-	
		Unit-VI	0.00	-	-	
		Total	560.10	Auxiliary Consumption & Transformation Losses at Generator end	0.07%	
4	4 x 84 MW CHP (Chhukha)	Unit-I	91.23	220kV CHP - Birpara Line - I	-12.65	Unit-II under Shutdown. All Units & Feeders are in Service.
		Unit-II	0.00	220kV CHP - Birpara Line - II	-12.61	
		Unit-III	91.28	220kV CHP - Gedu	30.66	
		Unit-IV	91.38	220kV CHP - Jamjee - I	88.95	
		-	-	220kV CHP - Jamjee - II	88.33	
		-	-	220kV CHP - Jamjee - III	85.22	
		-	-	220kV Malbase - Birpara Line	-1.95	
		-	-	66kV CHP - Gedu Line	4.16	
		Total	273.89	Auxiliary Consumption & Transformation Losses at Generator end	0.67%	
5	2 x 12 MW BHP (U/S) (Basochhu)	Unit-I	6.10	220kV BHP - Sertokha Line	56.70	
		Unit-II	5.50	66kV BHP - Lobeyssa Line	23.90	
6	2 x 20 MW BHP (L/S) (Basochhu)	Total	11.60	220kV BHP - Tsirang Line	-41.34	
		Unit-I	14.53	5MVA, 66/11kV TFR	0.60	
		Unit-II	14.40	30MVA ICT, 220/66kV (HV)	13.51	
		Total	28.93	Auxiliary Consumption & Transformation Losses at Generator end	1.65%	
7	2 x 63 MW DHP (Dagachhu)	Unit-I	37.99	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby. Unit-II on Standby.
		Unit-II	0.00	220kV DHP - Dagapela Line	36.80	
		-	-	220kV BitDeer - Dagapela Line	11.66	
		-	-	5MVA, 220/33kV TFR	0.60	
		Total	37.99	Auxiliary Consumption & Transformation Losses at Generator end	1.55%	
8	4 x 15 MW KHP (Kurichhu)	Unit-I	16.55	132kV KHP - Nangkor Line	49.78	All Units & Feeders are in Service.
		Unit-II	16.52	132kV KHP - Kilikhar Line	15.51	
		Unit-III	16.51	5MVA, 132/11kV TFR	0.38	
		Unit-IV	16.57	132kV Motanga - Rangla Line	50.73	
		Total	66.15	Auxiliary Consumption & Transformation Losses at Generator end	0.73%	
9	2 x 59 MW NHP (Nikachhu)	Unit-I	55.09	132kV NHP-MHP-I	54.47	
		Unit-II	54.88	132kV NHP-MHP-II	54.49	
		Total	109.97	Auxiliary Consumption & Transformation Losses at Generator end	0.92%	
10	2 x 9 MW SHP (Suchhu)	Unit-I	5.01	66kV SHP-Damdhum (Samtse)	0.00	Interim measure: Evacuation is through 33kV System.
		Unit-II	5.07	-	-	
		Total	10.08	Auxiliary Consumption & Transformation Losses at Generator end	100.00%	
11	2 x 16 MW YHP (Yungichhu)	Unit-I	0.00	132kV YHP-Kilikhar	14.42	Unit I on standby & Feeders are in Service.
		Unit-II	16.02	5MVA, 132/33kV TFR	1.36	
		Total	16.02	Auxiliary Consumption & Transformation Losses at Generator end	1.50%	
12	2 x 27 MW BSHP (Burgangchhu Small HP)	Unit-I	0.00	132kV BSHP-Panbang	44.99	Test charge not yet done for Unit-I.
		Unit-II	27.50	132kV BSHP-Tintibi	-17.84	
		Total	27.50	Auxiliary Consumption & Transformation Losses at Generator end	1.27%	

Note: Generation-Load Summary (MW) for 06-Jun-2026 at 18:00 hrs

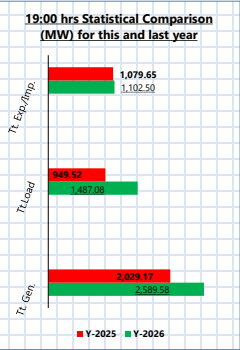
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	2,589.58	1,487.08	1,102.50

Note: Generation-Load Summary (MW) for 06-Jun-2025, at 19:00 hrs

Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	2,029.17	949.52	1,079.65

Note: Daily Energy (MUS) and Power(MW) Statistics for 06-Jun-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross- border (MW)
1	55.88	35.02	0.00	20.86	1,119.08



1. The instantaneous load balance does not tend towards zero. This could be due to the following reasons:

- Not all the meters are digital and not all the meter at all locations can be read at same time (say 9:00hrs) due to many meter to be read manually.
- The clocks of all the locations are not synchronized.
- This report, compiled using the SCADA data, is prepared to give an overall idea of the generation & load flow for the system at a particular instant. This report also gives energy and import/export figures.
- When SCADA data are unavailable for certain stations due to technical issues, required data are collected from the site.