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 09-Jun-2026(-ve:import, +ve:export)

Report Details	Date	Time	National Coincidental Peak Load (MW)	Date	Time	Load
	June 8, 2026	9:00 AM		08-Nov-25	19:03:00	1,477.00

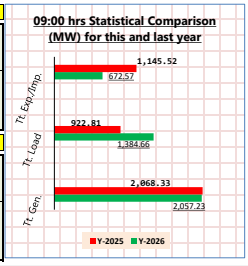
Sl. No.	Hydropower Plant	Unit	MW	Transmission Lines and Elements	Load (MW)	Remarks
1	**6 x 170 MW THP** *(Tala)*	Unit- I	105.62	400kV THP - Siliguri Line - I	49.46	Unit-II & III on Standby All Feeders are in Service.
		Unit- II	0.00	400kV THP - Siliguri Line - II	47.99	
		Unit- III	0.00	400kV THP - Norbugang - IV	127.56	
		Unit- IV	130.95	400kV THP - Malbase Line - III	260.72	
		Unit- V	135.19	400kV Malbase - Siliguri Line	-1.10	
		Unit- VI	118.77	400kV Norbugang-Siliguri Line	-34.43	
		Total	**490.53**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.98%**	
2	**4 x 180 MW MHP** *(Mangdechhu)*	Unit-I	176.78	400kV MHP - Jigmeling Line - I	179.88	400kV MHP-JLG line- II tripped and on Line-Patrolling.
		Unit-II	155.12	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	149.46	400kV MHP - Jigmeling Line - III	186.45	
		Unit-IV	70.29	400kV MHP - Jigmeling Line - IV	186.13	
		-	-	220kV Jigmeling - BitDeer Line - I	157.28	
		-	-	220kV Jigmeling - BitDeer Line - II	143.37	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	393.82	
		-	-	400kV Jigmeling - Alipurduar Line - I	157.09	
		-	-	400kV Jigmeling - Alipurduar Line - II	155.64	
		-	-	80MVA, 220/132kV ICT - I (HV)	46.79	
		-	-	80MVA, 220/132kV ICT - II (HV)	46.37	
		-	-	132kV MHP - Yurmo Line - II	56.37	
				132kV MHP - Tintibi Line	2.75	
		-	-	132kV Gelephu - Salakati Line	-31.79	
		Total	**551.65**	**Auxiliary Consumption & Transformation Losses at Generator end**	**-0.07%**	
3	**6 x 170 MW PHP-II** *(Punatsangchhu)*	Unit- I	185.22	400kV PHP II - Jigmeling -I	80.67	Unit-II under Shutdown. Unit-VI & III under AMP.
		Unit- II	0.00	400kV PHP II - Jigmeling -II	80.04	
		Unit- III	0.00	400kV PHP II - Alipurduar -I	201.11	
		Unit- IV	183.70	400kV PHP II - Alipurduar -II	201.12	
		Unit- V	187.77	-	-	
		Unit- VI	0.00	-	-	
		Total	**556.69**	**Auxiliary Consumption & Transformation Losses at Generator end**	**-1.12%**	
4	**4 x 84 MW CHP** *(Chhukha)*	Unit- I	42.69	220kV CHP - Birpara Line - I	-31.19	All Units and Feeders are in Service.
		Unit- II	86.83	220kV CHP - Birpara Line - II	-30.84	
		Unit- III	52.73	220kV CHP - Gedu	47.51	
		Unit- IV	50.80	220kV CHP - Jamjee - I	81.97	
		-	-	220kV CHP - Jamjee - II	81.00	
		-	-	220kV CHP - Jamjee - III	78.45	
		-	-	220kV Malbase - Birpara Line	-43.23	
		-	-	66kV CHP - Gedu Line	5.79	
		Total	**233.05**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.15%**	
5	**2 x 12 MW BHP (U/S)** *(Basochhu)*	Unit- I	4.17	220kV BHP - Semtokha Line	59.05	All Units and Feeders are in Service.
		Unit- II	3.03	66kV BHP - Lobeysa Line	19.52	
		Total	**7.20**	220kV BHP - Tsirang Line	-52.49	
6	**2 x 20 MW BHP (L/S)** *(Basochhu)*	Unit- I	9.67	5MVA, 66/11kV TFR	0.35	
		Unit- II	8.84	30MVA ICT, 220/66kV (HV)	12.26	
		Total	**18.51**	**Auxiliary Consumption & Transformation Losses at Generator end**	**-2.80%**	
7	**2 x 63 MW DHP** *(Dagachhu)*	Unit-I	27.41	220kV DHP - Tsirang Line	0.00	Unit-II on Standby. 220kV DHP-Tsirang line under Shutdown.
		Unit-II	0.00	220kV DHP - Dagapela Line	27.16	
		-	-	220kV BitDeer - Dagapela Line	20.82	
		-	-	5MVA, 220/33kV TFR	0.21	
		Total	**27.41**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.15%**	
8	**4 x 15 MW KHP** *(Kurichhu)*	Unit- I	16.42	132kV KHP - Nangkhor Line	53.18	All Units and Feeders are in Service.
		Unit-II	16.52	132kV KHP - Kilikhar Line	12.25	
		Unit- III	16.57	5MVA, 132/11kV TFR	0.34	
		Unit- IV	16.57	132kV Motanga - Rangia Line	32.74	
		Total	**66.08**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.47%**	
9	**2 x 59 MW NHP** *(Nikachhu)*	Unit-I	20.03	132kV NHP-MHP-I	29.75	All Units and Feeders are in Service.
		Unit-II	40.05	132kV NHP-MHP-II	29.79	
		Total	**60.08**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.90%**	
10	**2 x 9 MW SHP** *(Suchhu)*	Unit- I	0.00	66kV SHP-Damdhum (Samtse)	0.00	Both the units are under Shutdown. Interim measure: Evacuation is through 33kV System.
		Unit- II	0.00	-	-	
		Total	**0.00**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.00%**	
11	**17.38 MWp SSP** *(Sephu Solar Plant)*	Inverter-1	0.33	33kV SSP-Wangdue	1.41	All Inverters & Feeders are in Service.
		Inverter-2	0.55	33kV SSP-Trongsa	1.31	
		Inverter-3	0.53	-	-	
		Inverter-4	0.72	-	-	
		Inverter-5	0.58	-	-	
		Total	**2.72**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.00%**	
12	**2 x 16 MW YHP** *(Yungichhu)*	Unit- I	0.00	132kV YHP-Kilikhar	15.04	Unit-I on Standby.
		Unit- II	16.01	5MVA, 132/33kV TFR	0.74	
		Total	**16.01**	**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	11.16	Test charge not yet done for Unit-I.
		Unit-II	27.30	132kV BSHP-Tintibi	15.91	
		Total	**27.30**	**Auxiliary Consumption & Transformation Losses at Generator end**	**0.84%**	

Note: Generation-Load Summary (MW) for 08-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)	2,057.23	1,384.66	672.57

Note: Generation-Load Summary (MW) for 08-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)	2,068.33	922.81	1,145.52



THE DAILY BHUTAN POWER SYSTEM OPERATOR LOAD-GENERATION BALANCE REPORT & ENERGY FIGURES ISSUED ON 09-Jun-2026(-ve:import, +ve:export)

Report Details	Date	Time	National Coincidental Peak Load (MW)	Date	Time	Load
	June 8, 2026	19:00:00		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	115.63	400kV THP - Siliguri Line - I	35.26	Unit-III & Unit-II on Standby. All Feeders are in Service.
		Unit- II	0.00	400kV THP - Siliguri Line - II	34.06	
		Unit- III	0.00	400kV THP - Norbugang Line - IV	126.27	
		Unit- IV	120.49	400kV THP - Malbase Line - III	274.81	
		Unit- V	129.68	400kV Malbase - Siliguri Line	-21.95	
		Unit- VI	109.22	400kV Norbugang-Siliguri Line	-36.36	
		Total	**475.02**	**Auxiliary Consumption & Transformation Losses at Generator end**	0.97%	
2	**4 x 180 MW MHP** *(Mangdechhu)*	Unit-I	69.88	400kV MHP - Jigmeling Line - I	148.84	400kV MHP-JLG line- II tripped and on Line-Patrolling.
		Unit-II	65.91	400kV MHP - Jigmeling Line - II	0.00	
		Unit-III	150.67	400kV MHP - Jigmeling Line - III	154.17	
		Unit-IV	170.33	400kV MHP - Jigmeling Line - IV	153.88	
		-	-	220kV Jigmeling - BitDeer Line - I	165.32	
		-	-	220kV Jigmeling - BitDeer Line - II	151.15	
		-	-	500MVA, 400/220kV ICT at Jigmeling (HV)	435.64	
		-	-	400kV Jigmeling - Alipurduar Line - I	115.64	
		-	-	400kV Jigmeling - Alipurduar Line - II	114.91	
		-	-	80MVA, 220/132kV ICT - I (HV)	58.33	
		-	-	80MVA, 220/132kV ICT - II (HV)	58.00	
		-	-	132kV MHP - Yurmo Line - II	59.77	
				132kV MHP - Tintibi Line	22.51	
		-	-	132kV Gelephu - Salakati Line	-33.48	
		Total	**456.79**	**Auxiliary Consumption & Transformation Losses at Generator end**	-3.18%	
3	**6 x 170 MW PHP-II** *(Punatsangchhu)*	Unit- I	186.40	400kV PHP II - Jigmeling -I	107.55	Unit II under Shutdown. Unit-VI & III under AMP.
		Unit- II	0.00	400kV PHP II - Jigmeling -II	107.43	
		Unit- III	0.00	400kV PHP II - Alipurduar -I	173.40	
		Unit- IV	185.51	400kV PHP II - Alipurduar -II	173.90	
		Unit- V	187.30	-	-	
		Unit- VI	0.00	-	-	
		Total	**559.21**	**Auxiliary Consumption & Transformation Losses at Generator end**	-0.55%	
4	**4 x 84 MW CHP** *(Chhukha)*	Unit- I	48.86	220kV CHP - Birpara Line - I	-28.50	All Units & Feeders are in Service.
		Unit- II	91.04	220kV CHP - Birpara Line - II	-28.25	
		Unit- III	45.03	220kV CHP - Gedu	20.96	
		Unit- IV	44.95	220kV CHP - Jamjee - I	88.43	
		-	-	220kV CHP - Jamjee - II	87.37	
		-	-	220kV CHP - Jamjee - III	84.60	
		-	-	220kV Malbase - Birpara Line	-20.36	
		-	-	66kV CHP - Gedu Line	5.15	
		Total	**229.88**	**Auxiliary Consumption & Transformation Losses at Generator end**	0.05%	
5	**2 x 12 MW BHP (U/S)** *(Basochhu)*	Unit- I	4.17	220kV BHP - Semtokha Line	46.54	
		Unit- II	2.84	66kV BHP - Lobeysa Line	21.54	
		Total	**7.01**	220kV BHP - Tsirang Line	-46.48	
6	**2 x 20 MW BHP (L/S)** *(Basochhu)*	Unit- I	7.37	5MVA, 66/11kV TFR	0.61	All Units & Feeders are in Service.
		Unit- II	7.68	30MVA ICT, 220/66kV (HV)	14.76	
		Total	**15.05**	**Auxiliary Consumption & Transformation Losses at Generator end**	-0.68%	
7	**2 x 63 MW DHP** *(Dagachhu)*	Unit-I	26.42	220kV DHP - Tsirang Line	0.00	220kV DHP-Tsirang line on Standby. Unit-II on Standby.
		Unit-II	0.00	220kV DHP - Dagapela Line	26.41	
		-	-	220kV BitDeer - Dagapela Line	23.56	
		-	-	5MVA, 220/33kV TFR	0.20	
		Total	**26.42**	**Auxiliary Consumption & Transformation Losses at Generator end**	-0.72%	
8	**4 x 15 MW KHP** *(Kurichhu)*	Unit- I	16.57	132kV KHP - Nangkhor Line	50.46	All Units & Feeders are in Service.
		Unit-II	16.49	132kV KHP - Kilikhar Line	14.85	
		Unit- III	16.58	5MVA, 132/11kV TFR	0.47	
		Unit- IV	16.58	132kV Motanga - Rangia Line	40.68	
		Total	**66.22**	**Auxiliary Consumption & Transformation Losses at Generator end**	0.66%	
9	**2 x 59 MW NHP** *(Nikachhu)*	Unit-I	24.30	132kV NHP-MHP-I	33.91	
		Unit-II	43.97	132kV NHP-MHP-II	33.93	
		Total	**68.27**	**Auxiliary Consumption & Transformation Losses at Generator end**	0.63%	
10	**2 x 9 MW SHP** *(Suchhu)*	Unit- I	0.00	66kV SHP-Damdhum (Samtse)	0.00	Both the units are under shutdown. Interim measure: Evacuation is through 33kV System.
		Unit- II	0.00	-	-	
		Total	**0.00**	**Auxiliary Consumption & Transformation Losses at Generator end**	0.00%	
11	**2 x 16 MW YHP** *(Yungichhu)*	Unit-I	0.00	132kV YHP-Kilikhar	14.41	Unit I on Standby. Feeders are in Service.
		Unit-II	16.03	5MVA, 132/33kV TFR	1.38	
		Total	**16.03**	**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	16.68	Test charge not yet done for Unit-I.
		Unit-II	27.43	132kV BSHP-Tintibi	10.42	
		Total	**27.43**	**Auxiliary Consumption & Transformation Losses at Generator end**	1.20%	

Note: Generation-Load Summary (MW) for 08-Jun-2026 at 18:00 hrs

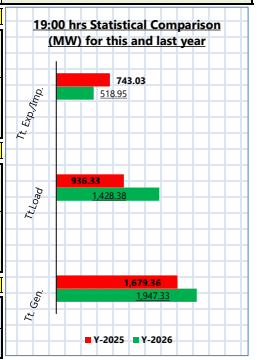
Sl. No.	Region	Total Generation	Total Domestic Load (Total Generation - Total Export)	Total Export(+ve)/ Import(-ve)
1	Both Eastern & Western (Whole Bhutan)	1,947.33	1,428.38	518.95

Note: Generation-Load Summary (MW) for 08-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)	1,679.36	936.33	743.03

Note: Daily Energy (MUs) and Power(MW) Statistics for 08-Jun-2026

Sl. No.	Total Energy Generation	Daily Energy Met	Net Energy Import (IEX and Solar)	Net Energy Export	Peak Cross-border (MW)
1	47.99	33.46	0.00	14.17	701.50



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

   i) Not all the meters are digital and nor are all the meter at all locations can be read at same time (say 9:00hrs) due to many meter to be read manually. ii) The clocks of all the locations are not synchronized.

2. 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.
3. When SCADA data are unavailable for certain stations due to technical issues, required data are collected from the site.