



ལྷན་ཁག་དང་ལས་ཁུངས་ཀྱི་འཛིན་སྐྱོང་གི་དཔལ་ལྷན་གྱི་འཛིན་སྐྱོང་།  
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 18-Sep-2026(-ve:import, +ve:export) |                                       |            |                                      |                                                                |           |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------|--------------------------------------|----------------------------------------------------------------|-----------|-------------------------------------------------------------------|
| Report Details                                                                                                                       | Date                                  | Time       | National Coincidental Peak Load (MW) |                                                                | Date      | Time                                                              |
|                                                                                                                                      | September 18, 2026                    | 9:00 AM    | 08-Sep-26                            |                                                                | 19:01:50  | 1,645.81                                                          |
| Sl. No.                                                                                                                              | Hydropower Plant                      | Unit       | MW                                   | Transmission Lines and Elements                                | Load (MW) | Remarks                                                           |
| 1                                                                                                                                    | 6 x 170 MW THP (Tala)                 | Unit-I     | 187.49                               | 400kV THP - Siliguri Line - I                                  | 299.15    | 400kV THP-Norbugang-IV tripped at 00:29 hrs (11.09.2026).         |
|                                                                                                                                      |                                       | Unit-II    | 187.56                               | 400kV THP - Siliguri Line - II                                 | 297.26    |                                                                   |
|                                                                                                                                      |                                       | Unit-III   | 186.94                               | 400kV THP - Norbugang - IV                                     | 0.00      |                                                                   |
|                                                                                                                                      |                                       | Unit-IV    | 187.14                               | 400kV THP - Malbase Line - III                                 | 516.80    |                                                                   |
|                                                                                                                                      |                                       | Unit-V     | 186.85                               | 400kV Malbase - Siliguri Line                                  | 226.84    |                                                                   |
|                                                                                                                                      |                                       | Unit-VI    | 187.08                               | 400kV Norbugang-Siliguri Line                                  | -94.35    |                                                                   |
|                                                                                                                                      |                                       | Total      | 1,122.97                             | Auxiliary Consumption & Transformation Losses at Generator end | 0.87%     |                                                                   |
| 2                                                                                                                                    | 4 x 180 MW MHP (Mangdechhu)           | Unit-I     | 197.97                               | 400kV MHP - Jigmeling Line - I                                 | 265.07    | 400kV MHP-JLG Line -III on Standby.                               |
|                                                                                                                                      |                                       | Unit-II    | 198.07                               | 400kV MHP - Jigmeling Line - II                                | 264.26    |                                                                   |
|                                                                                                                                      |                                       | Unit-III   | 195.04                               | 400kV MHP - Jigmeling Line - III                               | 0.00      |                                                                   |
|                                                                                                                                      |                                       | Unit-IV    | 198.43                               | 400kV MHP - Jigmeling Line - IV                                | 257.95    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV Jigmeling - BitDeer Line - I                             | 187.88    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV Jigmeling - BitDeer Line - II                            | 169.60    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 500MVA, 400/220kV ICT at Jigmeling (HV)                        | 419.64    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 400kV Jigmeling - Alipurduar Line - I                          | 317.00    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 400kV Jigmeling - Alipurduar Line - II                         | 316.00    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 80MVA, 220/132kV ICT - I (HV)                                  | 31.73     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 80MVA, 220/132kV ICT - II (HV)                                 | 31.45     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 132kV MHP - Yurmo Line - II                                    | 60.12     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 132kV MHP - Tintibi Line                                       | 67.41     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 132kV Gelephu - Salakati Line                                  | -17.02    |                                                                   |
|                                                                                                                                      |                                       | Total      | 789.51                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.45%     |                                                                   |
| 3                                                                                                                                    | 6 x 170 MW PHP-II (Punatsangchhu)     | Unit-I     | 185.00                               | 400kV PHP II - Jigmeling -I                                    | 131.32    | All Units and Feeders are in Service.                             |
|                                                                                                                                      |                                       | Unit-II    | 175.43                               | 400kV PHP II - Jigmeling -II                                   | 130.50    |                                                                   |
|                                                                                                                                      |                                       | Unit-III   | 181.38                               | 400kV PHP II - Alipurduar -I                                   | 390.71    |                                                                   |
|                                                                                                                                      |                                       | Unit-IV    | 180.57                               | 400kV PHP II - Alipurduar -II                                  | 390.62    |                                                                   |
|                                                                                                                                      |                                       | Unit-V     | 140.11                               | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Unit-VI    | 179.78                               | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Total      | 1,042.27                             | Auxiliary Consumption & Transformation Losses at Generator end | -0.08%    |                                                                   |
| 4                                                                                                                                    | 4 x 84 MW CHP (Chukha)                | Unit-I     | 91.37                                | 220kV CHP - Birpara Line - I                                   | 11.31     | All Units and Feeders are in Service.                             |
|                                                                                                                                      |                                       | Unit-II    | 91.46                                | 220kV CHP - Birpara Line - II                                  | 10.81     |                                                                   |
|                                                                                                                                      |                                       | Unit-III   | 91.18                                | 220kV CHP - Gedu                                               | 121.86    |                                                                   |
|                                                                                                                                      |                                       | Unit-IV    | 91.31                                | 220kV CHP - Jamjee - I                                         | 71.61     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV CHP - Jamjee - II                                        | 70.73     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV CHP - Jamjee - III                                       | 68.25     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV Malbase - Birpara Line                                   | -33.11    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 66kV CHP - Gedu Line                                           | 8.45      |                                                                   |
|                                                                                                                                      |                                       | Total      | 365.32                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.63%     |                                                                   |
| 5                                                                                                                                    | 2 x 12 MW BHP (U/S) (Basochu)         | Unit-I     | 11.84                                | 220kV BHP - Semtokha Line                                      | 80.81     | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 12.00                                | 66kV BHP - Lobeysa Line                                        | 25.81     |                                                                   |
|                                                                                                                                      |                                       | Total      | 23.84                                | 220kV BHP - Tsirang Line                                       | -41.95    |                                                                   |
| 6                                                                                                                                    | 2 x 20 MW BHP (L/S) (Basochu)         | Unit-I     | 20.40                                | 5MVA, 66/11kV TFR                                              | 0.12      | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 20.71                                | 30MVA ICT, 220/66kV (HV)                                       | 2.43      |                                                                   |
|                                                                                                                                      |                                       | Total      | 41.11                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.25%     |                                                                   |
| 7                                                                                                                                    | 2 x 63 MW DHP (Dagachhu)              | Unit-I     | 48.57                                | 220kV DHP - Tsirang Line                                       | 0.00      | 220kV DHP-Tsirang line on Standby.                                |
|                                                                                                                                      |                                       | Unit-II    | 47.06                                | 220kV DHP - Dagapela Line                                      | 95.10     |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 220kV BitDeer - Dagapela Line                                  | -52.40    |                                                                   |
|                                                                                                                                      |                                       | -          | -                                    | 5MVA, 220/33kV TFR                                             | 0.20      |                                                                   |
|                                                                                                                                      |                                       | Total      | 95.63                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.35%     |                                                                   |
| 8                                                                                                                                    | 4 x 15 MW KHP (Kurichhu)              | Unit-I     | 16.51                                | 132kV KHP - Nangkor Line                                       | 62.37     | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 16.55                                | 132kV KHP - Kilikhar Line                                      | 3.05      |                                                                   |
|                                                                                                                                      |                                       | Unit-III   | 16.50                                | 5MVA, 132/11kV TFR                                             | 0.30      |                                                                   |
|                                                                                                                                      |                                       | Unit-IV    | 16.61                                | 132kV Motanga - Rangja Line                                    | 53.21     |                                                                   |
|                                                                                                                                      |                                       | Total      | 66.17                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.68%     |                                                                   |
| 9                                                                                                                                    | 2 x 59 MW NHP (Nikachhu)              | Unit-I     | 64.92                                | 132kV NHP-MHP-I                                                | 64.45     | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 64.85                                | 132kV NHP-MHP-II                                               | 64.43     |                                                                   |
|                                                                                                                                      |                                       | Total      | 129.77                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.69%     |                                                                   |
| 10                                                                                                                                   | 2 x 9 MW SHP (Suchhu)                 | Unit-I     | 0.00                                 | 66kV SHP-Damdhum (Samtse)                                      | 0.00      | Unit I & Unit II under Shutdown. 66kV SHP-Damdhum Line on Standby |
|                                                                                                                                      |                                       | Unit-II    | 0.00                                 | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Total      | 0.00                                 | Auxiliary Consumption & Transformation Losses at Generator end | 0.00%     |                                                                   |
| 11                                                                                                                                   | 22.38 MWp SSP (Sephu Solar Plant)     | Inverter-1 | 0.24                                 | 33kV SSP-Wangdue                                               | 1.08      | All inverterS & Feeders are in Service                            |
|                                                                                                                                      |                                       | Inverter-2 | 0.46                                 | 33kV SSP-Trongsa                                               | 1.05      |                                                                   |
|                                                                                                                                      |                                       | Inverter-3 | 0.40                                 | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Inverter-4 | 0.57                                 | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Inverter-5 | 0.47                                 | -                                                              | -         |                                                                   |
|                                                                                                                                      |                                       | Total      | 2.14                                 | Auxiliary Consumption & Transformation Losses at Generator end | 0.37%     |                                                                   |
| 12                                                                                                                                   | 2 x 16 MW YHP (Yungichhu)             | Unit-I     | 15.89                                | 132kV YHP-Kilikhar                                             | 30.58     | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 16.06                                | 5MVA, 132/33kV TFR                                             | 0.93      |                                                                   |
|                                                                                                                                      |                                       | Total      | 31.95                                | Auxiliary Consumption & Transformation Losses at Generator end | 1.38%     |                                                                   |
| 13                                                                                                                                   | 2 x 27 MW BSHP (Burgangchhu Small HP) | Unit-I     | 27.27                                | 132kV BSHP-Panbang                                             | 37.58     | All Units & Feeders are in Service.                               |
|                                                                                                                                      |                                       | Unit-II    | 27.03                                | 132kV BSHP-Tintibi                                             | 16.19     |                                                                   |
|                                                                                                                                      |                                       | Total      | 54.30                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.98%     |                                                                   |

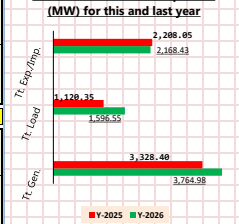
Note: Generation-Load Summary (MW) for 18-Sep-26 at 09:00 hrs

| Sl. No. | Region                                | Total Generation | Total Domestic Load (Total Generation - Total Export) | Total Export(+ve)/ Import(-ve) |
|---------|---------------------------------------|------------------|-------------------------------------------------------|--------------------------------|
| 1       | Both Eastern & Western (Whole Bhutan) | 3,764.98         | 1,596.55                                              | 2,168.43                       |

Note: Generation-Load Summary (MW) for 18-Sep-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) | 3,328.40         | 1,120.35                                              | 2,208.05                       |

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 18-Sep-2026(+ve:import, +ve:export) |                                          |          |                                      |                                                                |           |                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------|--------------------------------------|----------------------------------------------------------------|-----------|---------------------------------------------------------------------|
| Report Details                                                                                                                       | Date                                     | Time     | National Coincidental Peak Load (MW) |                                                                | Date      | Time                                                                |
|                                                                                                                                      | September 17, 2026                       | 19:00:00 |                                      |                                                                | 08-Sep-26 | 19:01:50                                                            |
|                                                                                                                                      |                                          |          |                                      |                                                                |           | 1,645.81                                                            |
| Sl. No.                                                                                                                              | Hydropower Plant                         | Unit     | MW                                   | Transmission Lines and Elements                                | Load (MW) | Remarks                                                             |
| 1                                                                                                                                    | 6 x 170 MW THP<br>(Tala)                 | Unit-I   | 187.49                               | 400kV THP - Siliguri Line - I                                  | 285.44    | 400kV THP-Norbugang-IV tripped at 00:29 hrs (11.09.2026).           |
|                                                                                                                                      |                                          | Unit-II  | 187.65                               | 400kV THP - Siliguri Line - II                                 | 283.87    |                                                                     |
|                                                                                                                                      |                                          | Unit-III | 187.00                               | 400kV THP - Norbugang Line - IV                                | 0.00      |                                                                     |
|                                                                                                                                      |                                          | Unit-IV  | 187.11                               | 400kV THP - Malbase Line - III                                 | 544.29    |                                                                     |
|                                                                                                                                      |                                          | Unit-V   | 186.77                               | 400kV Malbase - Siliguri Line                                  | 206.20    |                                                                     |
|                                                                                                                                      |                                          | Unit-VI  | 187.06                               | 400kV Norbugang-Siliguri Line                                  | -94.35    |                                                                     |
|                                                                                                                                      |                                          | Total    | 1,123.08                             | Auxiliary Consumption & Transformation Losses at Generator end | 0.84%     |                                                                     |
| 2                                                                                                                                    | 4 x 180 MW MHP<br>(Mangdechhu)           | Unit-I   | 197.80                               | 400kV MHP - Jigmeling Line - I                                 | 264.82    | 400kV MHP-JLG Line -III on Standby.                                 |
|                                                                                                                                      |                                          | Unit-II  | 197.96                               | 400kV MHP - Jigmeling Line - II                                | 264.39    |                                                                     |
|                                                                                                                                      |                                          | Unit-III | 195.07                               | 400kV MHP - Jigmeling Line - III                               | 0.00      |                                                                     |
|                                                                                                                                      |                                          | Unit-IV  | 198.26                               | 400kV MHP - Jigmeling Line - IV                                | 258.06    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV Jigmeling - BitDeer Line - I                             | 187.88    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV Jigmeling - BitDeer Line - II                            | 169.60    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 500MVA, 400/220kV ICT at Jigmeling (HV)                        | 419.64    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 400kV Jigmeling - Aliparduar Line - I                          | 309.00    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 400kV Jigmeling - Aliparduar Line - II                         | 308.00    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 80MVA, 220/132kV ICT - I (HV)                                  | 31.73     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 80MVA, 220/132kV ICT - II (HV)                                 | 31.45     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 132kV MHP - Yurmo Line - II                                    | 62.01     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 132kV MHP - Tintibi Line                                       | 60.58     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 132kV Gelephu - Salakati Line                                  | -2.19     |                                                                     |
|                                                                                                                                      |                                          | Total    | 789.09                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.43%     |                                                                     |
| 3                                                                                                                                    | 6 x 170 MW PHP-II<br>(Punatsangchhu)     | Unit-I   | 180.00                               | 400kV PHP II - Jigmeling -I                                    | 136.84    | All Units & Feeders are in Service.                                 |
|                                                                                                                                      |                                          | Unit-II  | 174.80                               | 400kV PHP II - Jigmeling -II                                   | 136.05    |                                                                     |
|                                                                                                                                      |                                          | Unit-III | 180.04                               | 400kV PHP II - Aliparduar -I                                   | 386.12    |                                                                     |
|                                                                                                                                      |                                          | Unit-IV  | 180.82                               | 400kV PHP II - Aliparduar -II                                  | 385.81    |                                                                     |
|                                                                                                                                      |                                          | Unit-V   | 145.54                               | -                                                              | -         |                                                                     |
|                                                                                                                                      |                                          | Unit-VI  | 178.37                               | -                                                              | -         |                                                                     |
|                                                                                                                                      |                                          | Total    | 1,039.57                             | Auxiliary Consumption & Transformation Losses at Generator end | -0.51%    |                                                                     |
| 4                                                                                                                                    | 4 x 84 MW CHP<br>(Chhukha)               | Unit-I   | 91.33                                | 220kV CHP - Birpara Line - I                                   | 19.75     | All Units & Feeders are in Service.                                 |
|                                                                                                                                      |                                          | Unit-II  | 91.32                                | 220kV CHP - Birpara Line - II                                  | 19.42     |                                                                     |
|                                                                                                                                      |                                          | Unit-III | 91.28                                | 220kV CHP - Gedu                                               | 80.39     |                                                                     |
|                                                                                                                                      |                                          | Unit-IV  | 91.43                                | 220kV CHP - Jamjee - I                                         | 80.50     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV CHP - Jamjee - II                                        | 80.15     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV CHP - Jamjee - III                                       | 77.15     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV Malbase - Birpara Line                                   | 12.80     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 66kV CHP - Gedu Line                                           | 6.88      |                                                                     |
|                                                                                                                                      |                                          | Total    | 365.36                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.31%     |                                                                     |
| 5                                                                                                                                    | 2 x 12 MW BHP (U/S)<br>(Basochhu)        | Unit-I   | 11.98                                | 220kV BHP - Semtokha Line                                      | 72.97     | All Units and Feeders are in Service.                               |
|                                                                                                                                      |                                          | Unit-II  | 12.00                                | 66kV BHP - Lobeysa Line                                        | 28.30     |                                                                     |
|                                                                                                                                      |                                          | Total    | 23.98                                | 220kV BHP - Tsirang Line                                       | -36.94    |                                                                     |
| 6                                                                                                                                    | 2 x 20 MW BHP (L/S)<br>(Basochhu)        | Unit-I   | 20.39                                | 5MVA, 66/11kV TFR                                              | 0.69      |                                                                     |
|                                                                                                                                      |                                          | Unit-II  | 20.69                                | 30MVA ICT, 220/66kV (HV)                                       | 5.40      |                                                                     |
|                                                                                                                                      |                                          | Total    | 41.08                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.06%     |                                                                     |
| 7                                                                                                                                    | 2 x 63 MW DHP<br>(Dagachhu)              | Unit-I   | 45.55                                | 220kV DHP - Tsirang Line                                       | 0.00      | 220kV DHP-Tsirang line on Standby.                                  |
|                                                                                                                                      |                                          | Unit-II  | 44.55                                | 220kV DHP - Dagapela Line                                      | 90.00     |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 220kV BitDeer - Dagapela Line                                  | -46.27    |                                                                     |
|                                                                                                                                      |                                          | -        | -                                    | 5MVA, 220/33kV TFR                                             | 0.20      |                                                                     |
|                                                                                                                                      |                                          | Total    | 90.10                                | Auxiliary Consumption & Transformation Losses at Generator end | -0.11%    |                                                                     |
| 8                                                                                                                                    | 4 x 15 MW KHP<br>(Kurichhu)              | Unit-I   | 16.55                                | 132kV KHP - Nangkor Line                                       | 53.02     | All Units & Feeders are in Service.                                 |
|                                                                                                                                      |                                          | Unit-II  | 16.55                                | 132kV KHP - Kilikhar Line                                      | 12.32     |                                                                     |
|                                                                                                                                      |                                          | Unit-III | 16.55                                | 5MVA, 132/11kV TFR                                             | 0.43      |                                                                     |
|                                                                                                                                      |                                          | Unit-IV  | 16.72                                | 132kV Motanga - Rangla Line                                    | 50.23     |                                                                     |
|                                                                                                                                      |                                          | Total    | 66.37                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.90%     |                                                                     |
| 9                                                                                                                                    | 2 x 59 MW NHP<br>(Nikachhu)              | Unit-I   | 60.14                                | 132kV NHP-MHP-I                                                | 59.71     | All Units & Feeders are in Service.                                 |
|                                                                                                                                      |                                          | Unit-II  | 64.96                                | 132kV NHP-MHP-II                                               | 64.44     |                                                                     |
|                                                                                                                                      |                                          | Total    | 125.10                               | Auxiliary Consumption & Transformation Losses at Generator end | 0.76%     |                                                                     |
| 10                                                                                                                                   | 2 x 9 MW SHP<br>(Suchhu)                 | Unit-I   | 0.00                                 | 66kV SHP-Damdhum (Samtse)                                      | 0.00      | Unit I & Unit II under Shutdown<br>66kV SHP-Damdhum Line on Standby |
|                                                                                                                                      |                                          | Unit-II  | 0.00                                 | -                                                              | -         |                                                                     |
|                                                                                                                                      |                                          | Total    | 0.00                                 | Auxiliary Consumption & Transformation Losses at Generator end | 0.00%     |                                                                     |
| 11                                                                                                                                   | 2 x 16 MW YHP<br>(Yungichhu)             | Unit-I   | 15.89                                | 132kV YHP-Kilikhar                                             | 29.99     | All Units & Feeders are in Service.                                 |
|                                                                                                                                      |                                          | Unit-II  | 16.06                                | 5MVA, 132/33kV TFR                                             | 1.50      |                                                                     |
|                                                                                                                                      |                                          | Total    | 31.95                                | Auxiliary Consumption & Transformation Losses at Generator end | 1.44%     |                                                                     |
| 12                                                                                                                                   | 2 x 27 MW BSHP<br>(Burgangchhu Small HP) | Unit-I   | 27.27                                | 132kV BSHP-Panbang                                             | 47.70     | All Units and Feeders are in Service.                               |
|                                                                                                                                      |                                          | Unit-II  | 27.11                                | 132kV BSHP-Tintibi                                             | 6.19      |                                                                     |
|                                                                                                                                      |                                          | Total    | 54.38                                | Auxiliary Consumption & Transformation Losses at Generator end | 0.90%     |                                                                     |

Note: Generation-Load Summary (MW) for 17-Sep-2026 at 18:00 hrs

| Sl. No. | Region                                   | Total Generation | Total Domestic Load<br>(Total Generation - Total Export) | Total Export(+ve)/<br>Import(-ve) |
|---------|------------------------------------------|------------------|----------------------------------------------------------|-----------------------------------|
| 1       | Both Eastern & Western<br>(Whole Bhutan) | 3,750.06         | 1,579.96                                                 | 2,170.10                          |

Note: Generation-Load Summary (MW) for 17-Sep-2025, at 19:00 hrs

| Sl. No. | Region                                   | Total Generation | Total Domestic Load<br>(Total Generation - Total Export) | Total Export(+ve)/<br>Import(-ve) |
|---------|------------------------------------------|------------------|----------------------------------------------------------|-----------------------------------|
| 1       | Both Eastern & Western<br>(Whole Bhutan) | 3,416.73         | 1,205.59                                                 | 2,211.14                          |

Note: Daily Energy (MUS) and Power(MW) Statistics for 17-Sep-2026

| Sl. No. | Total Energy Generation | Daily Energy Met | Net Energy Import<br>(IEX and Solar) | Net Energy Export | Peak Cross-<br>border (MW) |
|---------|-------------------------|------------------|--------------------------------------|-------------------|----------------------------|
| 1       | 87.54                   | 36.72            | 0.00                                 | 50.82             | 2,234.57                   |

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. ii) 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.