



**NEPAL ELECTRICITY AUTHORITY**  
**SYSTEM OPERATION DEPARTMENT**  
**LDC**

**Monthly Operational Report of Nepal**

For the month of Kartik, 2079

| <b>Daily Energy Values</b> |            |                   |                |       |        |                        |               |   |                     |                                       | <b>MWh</b>         |
|----------------------------|------------|-------------------|----------------|-------|--------|------------------------|---------------|---|---------------------|---------------------------------------|--------------------|
| Date                       |            | Energy Generation |                |       |        |                        | Energy Export | Net Energy Met within the country (INPS Demand) | Energy Interruption | Energy not served/ Generation Deficit | Energy Requirement |
| Nepali                     | English    | NEA               | NEA Subsidiary | IPP   | Import | Total Energy Available |               |   |                     |                                       |                    |
| 01/07/2079                 | 18/10/2022 | 6567              | 10929          | 18462 | 133    | 36091                  | 9225          | 26866   | 0                   | 0                                     | 26866              |
| 02/07/2079                 | 19/10/2022 | 7185              | 10314          | 18254 | 70     | 35824                  | 7928          | 27896   | 30                  | 0                                     | 27926              |
| 03/07/2079                 | 20/10/2022 | 7750              | 10165          | 18257 | 60     | 36232                  | 9303          | 26929   | 0                   | 0                                     | 26929              |
| 04/07/2079                 | 21/10/2022 | 7359              | 9852           | 18660 | 42     | 35913                  | 8602          | 27311   | 0                   | 0                                     | 27311              |
| 05/07/2079                 | 22/10/2022 | 8044              | 9828           | 16785 | 21     | 34678                  | 9260          | 25417   | 0                   | 0                                     | 25417              |
| 06/07/2079                 | 23/10/2022 | 8603              | 9750           | 17261 | 0      | 35614                  | 8926          | 26688   | 0                   | 0                                     | 26688              |
| 07/07/2079                 | 24/10/2022 | 9401              | 7816           | 15376 | 0      | 32593                  | 9602          | 22991   | 0                   | 0                                     | 22991              |
| 08/07/2079                 | 25/10/2022 | 8147              | 1912           | 16776 | 10     | 26846                  | 5872          | 20973   | 0                   | 0                                     | 20973              |
| 09/07/2079                 | 26/10/2022 | 8480              | 1888           | 16266 | 12     | 26647                  | 5890          | 20756   | 100                 | 0                                     | 20856              |
| 10/07/2079                 | 27/10/2022 | 7689              | 1870           | 15646 | 31     | 25236                  | 5626          | 19610   | 300                 | 0                                     | 19910              |
| 11/07/2079                 | 28/10/2022 | 8228              | 1868           | 16350 | 17     | 26462                  | 5389          | 21072   | 100                 | 0                                     | 21172              |
| 12/07/2079                 | 29/10/2022 | 7965              | 1833           | 15832 | 14     | 25644                  | 5459          | 20185   | 100                 | 0                                     | 20285              |
| 13/07/2079                 | 30/10/2022 | 8441              | 1943           | 16008 | 0      | 26392                  | 6151          | 20241   | 0                   | 0                                     | 20241              |
| 14/07/2079                 | 31/10/2022 | 8502              | 1919           | 16246 | 0      | 26668                  | 7507          | 19161   | 0                   | 0                                     | 19161              |
| 15/07/2079                 | 01/11/2022 | 8462              | 1962           | 16404 | 0      | 26828                  | 5011          | 21817   | 0                   | 0                                     | 21817              |
| 16/07/2079                 | 02/11/2022 | 8818              | 1909           | 16380 | 0      | 27107                  | 3170          | 23937   | 20                  | 0                                     | 23957              |
| 17/07/2079                 | 03/11/2022 | 9191              | 1977           | 16434 | 44     | 27645                  | 2704          | 24941   | 20                  | 0                                     | 24961              |
| 18/07/2079                 | 04/11/2022 | 9389              | 3891           | 15960 | 0      | 29240                  | 3796          | 25444   | 0                   | 0                                     | 25444              |
| 19/07/2079                 | 05/11/2022 | 8498              | 8350           | 15657 | 0      | 32505                  | 8425          | 24080   | 0                   | 0                                     | 24080              |
| 20/07/2079                 | 06/11/2022 | 8485              | 8009           | 16018 | 0      | 32513                  | 7603          | 24910   | 0                   | 0                                     | 24910              |



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|              |            |               |               |               |            |               |               |               |            |          |               |
|--------------|------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|------------|----------|---------------|
| 21/07/2079   | 07/11/2022 | 8986          | 7031          | 16969         | 0          | 32986         | 6350          | 26636         | 0          | 0        | 26636         |
| 22/07/2079   | 08/11/2022 | 9201          | 7337          | 17028         | 0          | 33566         | 7835          | 25731         | 0          | 0        | 25731         |
| 23/07/2079   | 09/11/2022 | 9291          | 7150          | 16216         | 0          | 32658         | 7311          | 25346         | 0          | 0        | 25346         |
| 24/07/2079   | 10/11/2022 | 9337          | 7422          | 16100         | 0          | 32859         | 6467          | 26392         | 0          | 0        | 26392         |
| 25/07/2079   | 11/11/2022 | 9424          | 7438          | 16219         | 0          | 33081         | 7066          | 26015         | 0          | 0        | 26015         |
| 26/07/2079   | 12/11/2022 | 8359          | 7456          | 16106         | 0          | 31921         | 7693          | 24228         | 0          | 0        | 24228         |
| 27/07/2079   | 13/11/2022 | 9467          | 7193          | 15693         | 0          | 32353         | 7518          | 24836         | 0          | 0        | 24836         |
| 28/07/2079   | 14/11/2022 | 9668          | 6987          | 15396         | 15         | 32067         | 6266          | 25801         | 50         | 0        | 25851         |
| 29/07/2079   | 15/11/2022 | 9317          | 6866          | 15065         | 18         | 31265         | 5248          | 26016         | 100        | 0        | 26116         |
| 30/07/2079   | 16/11/2022 | 9512          | 6834          | 14856         | 33         | 31235         | 5049          | 26186         | 0          | 0        | 26186         |
| <b>Total</b> |            | <b>257769</b> | <b>179698</b> | <b>492681</b> | <b>519</b> | <b>930667</b> | <b>202254</b> | <b>728414</b> | <b>820</b> | <b>0</b> | <b>729234</b> |

Import (+)/Export (-ve)

| <b>Demand and Cross Border Exchange at Peak Time</b> |            |           |            |        |                            |        |                         |              |         |                 |                                  |
|--|------------|-----------|------------|--------|----------------------------|--------|-------------------------|--------------|---------|-----------------|----------------------------------|
| Date   |            | Peak Time | Generation | Import | Recorded Peak Availability | Export | Demand met at Peak Time | Interruption | Deficit | Peak Demand met | Net value of exchange with India |
| Nepali   | English    |           |            |        |                            |        |                         |              |         |                 |                                  |
| 01/07/2079   | 18/10/2022 | 18:25     | 1630       | 48     | 1679                       | 276    | 1403                    | 0            | 0       | 1403            | -228                             |
| 02/07/2079   | 19/10/2022 | 18:20     | 1669       | 54     | 1723                       | 264    | 1459                    | 0            | 0       | 1459            | -210                             |
| 03/07/2079   | 20/10/2022 | 18:20     | 1689       | 40     | 1729                       | 264    | 1465                    | 0            | 0       | 1465            | -225                             |
| 04/07/2079   | 21/10/2022 | 18:20     | 1689       | 14     | 1702                       | 251    | 1451                    | 0            | 0       | 1451            | -238                             |
| 05/07/2079   | 22/10/2022 | 18:20     | 1760       | 14     | 1774                       | 408    | 1366                    | 0            | 0       | 1366            | -394                             |
| 06/07/2079   | 23/10/2022 | 18:20     | 1755       | 0      | 1755                       | 404    | 1351                    | 0            | 0       | 1351            | -404                             |
| 07/07/2079   | 24/10/2022 | 18:20     | 1711       | 0      | 1711                       | 406    | 1305                    | 0            | 0       | 1305            | -406                             |
| 08/07/2079   | 25/10/2022 | 18:20     | 1366       | 0      | 1366                       | 0      | 1366                    | 0            | 0       | 1366            | 0                                |



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|                |            |       |             |           |             |            |             |           |          |             |             |
|----------------|------------|-------|-------------|-----------|-------------|------------|-------------|-----------|----------|-------------|-------------|
| 09/07/2079     | 26/10/2022 | 18:20 | 1359        | 0         | 1359        | 113        | 1246        | 0         | 0        | 1246        | -113        |
| 10/07/2079     | 27/10/2022 | 18:20 | 1263        | 0         | 1263        | 138        | 1125        | 0         | 0        | 1125        | -138        |
| 11/07/2079     | 28/10/2022 | 18:20 | 1333        | 0         | 1333        | 103        | 1231        | 0         | 0        | 1231        | -103        |
| 12/07/2079     | 29/10/2022 | 18:20 | 1314        | 0         | 1314        | 111        | 1203        | 0         | 0        | 1203        | -111        |
| 13/07/2079     | 30/10/2022 | 18:10 | 1316        | 0         | 1316        | 121        | 1195        | 0         | 0        | 1195        | -121        |
| 14/07/2079     | 31/10/2022 | 18:10 | 1332        | 0         | 1332        | 48         | 1284        | 0         | 0        | 1284        | -48         |
| 15/07/2079     | 01/11/2022 | 18:10 | 1334        | 0         | 1334        | 30         | 1304        | 0         | 0        | 1304        | -30         |
| 16/07/2079     | 02/11/2022 | 18:10 | 1304        | 10        | 1315        | 0          | 1315        | 40        | 0        | 1355        | 10          |
| 17/07/2079     | 03/11/2022 | 18:10 | 1306        | 94        | 1400        | 0          | 1400        | 20        | 0        | 1420        | 94          |
| 18/07/2079     | 04/11/2022 | 18:10 | 1577        | 0         | 1577        | 188        | 1388        | 0         | 0        | 1388        | -188        |
| 19/07/2079     | 05/11/2022 | 18:05 | 1563        | 0         | 1563        | 271        | 1292        | 0         | 0        | 1292        | -271        |
| 20/07/2079     | 06/11/2022 | 18:00 | 1634        | 0         | 1634        | 231        | 1403        | 0         | 0        | 1403        | -231        |
| 21/07/2079     | 07/11/2022 | 17:55 | 1693        | 0         | 1693        | 294        | 1399        | 0         | 0        | 1399        | -294        |
| 22/07/2079     | 08/11/2022 | 18:55 | 1742        | 0         | 1742        | 301        | 1441        | 0         | 0        | 1441        | -301        |
| 23/07/2079     | 09/11/2022 | 17:55 | 1727        | 0         | 1727        | 292        | 1435        | 0         | 0        | 1435        | -292        |
| 24/07/2079     | 10/11/2022 | 18:00 | 1718        | 0         | 1718        | 330        | 1389        | 0         | 0        | 1389        | -330        |
| 25/07/2079     | 11/11/2022 | 18:00 | 1703        | 0         | 1703        | 240        | 1463        | 0         | 0        | 1463        | -240        |
| 26/07/2079     | 12/11/2022 | 18:00 | 1596        | 0         | 1596        | 308        | 1288        | 0         | 0        | 1288        | -308        |
| 27/07/2079     | 13/11/2022 | 18:00 | 1672        | 0         | 1672        | 230        | 1442        | 0         | 0        | 1442        | -230        |
| 28/07/2079     | 14/11/2022 | 18:00 | 1662        | 0         | 1662        | 247        | 1415        | 0         | 0        | 1415        | -247        |
| 29/07/2079     | 15/11/2022 | 18:00 | 1643        | 0         | 1643        | 234        | 1409        | 0         | 0        | 1409        | -234        |
| 30/07/2079     | 16/11/2022 | 17:55 | 1619        | 37        | 1656        | 226        | 1431        | 0         | 0        | 1431        | -189        |
| <b>Maximum</b> |            |       | <b>1760</b> | <b>94</b> | <b>1774</b> | <b>408</b> | <b>1465</b> | <b>40</b> | <b>0</b> | <b>1465</b> | <b>-406</b> |