



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

**Monthly Operational Report of Nepal**

For the month of Poush, 2080

| <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 |               |   |                     |                                       |                    |            |
| 01/09/2080                 | 17/12/2023 | 7868              | 4503           | 15435 | 3330   | 31136                  | 77            | 31059   | 15                  | 0                                     | 31074              |            |
| 02/09/2080                 | 18/12/2023 | 9018              | 4239           | 15359 | 4384   | 33001                  | 0             | 33001   | 30                  | 0                                     | 33031              |            |
| 03/09/2080                 | 19/12/2023 | 7212              | 4196           | 14919 | 4851   | 31178                  | 0             | 31178   | 170                 | 0                                     | 31348              |            |
| 04/09/2080                 | 20/12/2023 | 7144              | 4102           | 15338 | 5086   | 31669                  | 0             | 31669   | 60                  | 0                                     | 31729              |            |
| 05/09/2080                 | 21/12/2023 | 7483              | 4374           | 15206 | 4462   | 31525                  | 0             | 31525   | 200                 | 0                                     | 31725              |            |
| 06/09/2080                 | 22/12/2023 | 7342              | 4114           | 15142 | 5399   | 31997                  | 0             | 31997   | 300                 | 0                                     | 32297              |            |
| 07/09/2080                 | 23/12/2023 | 6335              | 3819           | 15007 | 4158   | 29319                  | 334           | 28985   | 165                 | 0                                     | 29150              |            |
| 08/09/2080                 | 24/12/2023 | 7179              | 4185           | 14813 | 4729   | 30906                  | 636           | 30270   | 135                 | 0                                     | 30405              |            |
| 09/09/2080                 | 25/12/2023 | 6946              | 3802           | 14681 | 5159   | 30588                  | 468           | 30120   | 145                 | 0                                     | 30265              |            |
| 10/09/2080                 | 26/12/2023 | 6754              | 4020           | 14720 | 4633   | 30126                  | 815           | 29311   | 280                 | 0                                     | 29591              |            |
| 11/09/2080                 | 27/12/2023 | 7144              | 4237           | 14662 | 3954   | 29998                  | 245           | 29753   | 210                 | 0                                     | 29963              |            |
| 12/09/2080                 | 28/12/2023 | 7116              | 3801           | 14426 | 4841   | 30184                  | 35            | 30149   | 220                 | 0                                     | 30369              |            |
| 13/09/2080                 | 29/12/2023 | 7116              | 4006           | 14395 | 4440   | 29957                  | 0             | 29957   | 540                 | 0                                     | 30497              |            |
| 14/09/2080                 | 30/12/2023 | 6514              | 3688           | 14196 | 3952   | 28349                  | 0             | 28349   | 0                   | 0                                     | 28349              |            |
| 15/09/2080                 | 31/12/2023 | 7314              | 4048           | 14024 | 4341   | 29727                  | 105           | 29622   | 195                 | 0                                     | 29817              |            |
| 16/09/2080                 | 01/01/2024 | 6756              | 3772           | 13752 | 5148   | 29428                  | 0             | 29428   | 365                 | 0                                     | 29793              |            |
| 17/09/2080                 | 02/01/2024 | 6658              | 3792           | 13048 | 5700   | 29198                  | 0             | 29198   | 340                 | 0                                     | 29538              |            |
| 18/09/2080                 | 03/01/2024 | 7123              | 3570           | 13547 | 6160   | 30400                  | 0             | 30400   | 450                 | 0                                     | 30850              |            |
| 19/09/2080                 | 04/01/2024 | 6601              | 3606           | 13445 | 6167   | 29818                  | 0             | 29818   | 620                 | 0                                     | 30438              |            |
| 20/09/2080                 | 05/01/2024 | 6884              | 3732           | 13309 | 6301   | 30226                  | 0             | 30226   | 730                 | 0                                     | 30956              |            |



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|--------------|------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------------|----------|---------------|
| 21/09/2080   | 06/01/2024 | 5850          | 3429          | 12834         | 4995          | 27109         | 0           | 27109         | 200         | 0        | 27309         |
| 22/09/2080   | 07/01/2024 | 6540          | 3412          | 13198         | 7217          | 30367         | 0           | 30367         | 300         | 0        | 30667         |
| 23/09/2080   | 08/01/2024 | 6562          | 3520          | 13121         | 7380          | 30582         | 0           | 30582         | 455         | 0        | 31037         |
| 24/09/2080   | 09/01/2024 | 6508          | 3455          | 13031         | 7717          | 30711         | 0           | 30711         | 440         | 0        | 31151         |
| 25/09/2080   | 10/01/2024 | 6455          | 3390          | 12850         | 7901          | 30597         | 0           | 30597         | 535         | 0        | 31132         |
| 26/09/2080   | 11/01/2024 | 6152          | 3499          | 12824         | 8602          | 31077         | 0           | 31077         | 520         | 0        | 31597         |
| 27/09/2080   | 12/01/2024 | 6280          | 3301          | 12617         | 7695          | 29892         | 0           | 29892         | 520         | 0        | 30412         |
| 28/09/2080   | 13/01/2024 | 6548          | 3468          | 12875         | 7788          | 30678         | 0           | 30678         | 660         | 0        | 31338         |
| 29/09/2080   | 14/01/2024 | 6831          | 3159          | 12616         | 8369          | 30975         | 0           | 30975         | 680         | 0        | 31655         |
| <b>Total</b> |            | <b>200230</b> | <b>110237</b> | <b>405391</b> | <b>164858</b> | <b>880716</b> | <b>2715</b> | <b>878001</b> | <b>9480</b> | <b>0</b> | <b>887481</b> |

Import (+)/Export (-ve)

| <b>Demand and Cross Border Exchange at Peak Time</b> |            |           |            |        |                            |        |                         |              |                    |                      |                                  |
|--|------------|-----------|------------|--------|----------------------------|--------|-------------------------|--------------|--------------------|----------------------|----------------------------------|
|  |            |           |            |        |                            |        |                         |              |                    |                      | MW                               |
| Date   |            | Peak Time | Generation | Import | Recorded Peak Availability | Export | Demand met at Peak Time | Interruption | System Peak Demand | National Peak Demand | Net value of exchange with India |
| Nepali   | English    |           |            |        |                            |        |                         |              |                    |                      |                                  |
| 01/09/2080   | 17/12/2023 | 17:50     | 1636       | 49     | 1685                       | 0      | 1685                    | 30           | 1715               | 1715                 | 49                               |
| 02/09/2080   | 18/12/2023 | 17:50     | 1634       | 35     | 1669                       | 0      | 1669                    | 95           | 1764               | 1764                 | 35                               |
| 03/09/2080   | 19/12/2023 | 17:55     | 1631       | 50     | 1682                       | 0      | 1682                    | 80           | 1762               | 1762                 | 50                               |
| 04/09/2080   | 20/12/2023 | 17:50     | 1685       | 11     | 1696                       | 0      | 1696                    | 120          | 1816               | 1816                 | 11                               |
| 05/09/2080   | 21/12/2023 | 17:50     | 1678       | 22     | 1700                       | 0      | 1700                    | 120          | 1820               | 1820                 | 22                               |
| 06/09/2080   | 22/12/2023 | 17:45     | 1632       | 31     | 1663                       | 0      | 1663                    | 120          | 1783               | 1783                 | 31                               |
| 07/09/2080   | 23/12/2023 | 17:50     | 1579       | 9      | 1588                       | 0      | 1588                    | 101          | 1689               | 1689                 | 9                                |
| 08/09/2080   | 24/12/2023 | 17:50     | 1588       | 52     | 1640                       | 0      | 1640                    | 110          | 1750               | 1750                 | 52                               |
| 09/09/2080   | 25/12/2023 | 17:50     | 1587       | 72     | 1659                       | 0      | 1659                    | 70           | 1729               | 1729                 | 72                               |



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|----------------|------------|-------|-------------|------------|-------------|----------|-------------|------------|-------------|-------------|----------|
| 10/09/2080     | 26/12/2023 | 17:50 | 1572        | 33         | 1605        | 0        | 1605        | 70         | 1675        | 1675        | 33       |
| 11/09/2080     | 27/12/2023 | 17:45 | 1551        | 68         | 1619        | 0        | 1619        | 70         | 1689        | 1689        | 68       |
| 12/09/2080     | 28/12/2023 | 17:50 | 1583        | 36         | 1619        | 0        | 1619        | 80         | 1699        | 1699        | 36       |
| 13/09/2080     | 29/12/2023 | 17:55 | 1557        | 77         | 1634        | 0        | 1634        | 90         | 1724        | 1724        | 77       |
| 14/09/2080     | 30/12/2023 | 17:55 | 1492        | 58         | 1550        | 0        | 1550        | 0          | 1550        | 1550        | 58       |
| 15/09/2080     | 31/12/2023 | 17:55 | 1532        | 42         | 1574        | 0        | 1574        | 100        | 1674        | 1674        | 42       |
| 16/09/2080     | 01/01/2024 | 18:05 | 1582        | 37         | 1618        | 0        | 1618        | 100        | 1718        | 1718        | 37       |
| 17/09/2080     | 02/01/2024 | 17:50 | 1606        | 49         | 1656        | 0        | 1656        | 100        | 1756        | 1756        | 49       |
| 18/09/2080     | 03/01/2024 | 17:50 | 1505        | 146        | 1650        | 0        | 1650        | 120        | 1770        | 1770        | 146      |
| 19/09/2080     | 04/01/2024 | 17:50 | 1537        | 93         | 1630        | 0        | 1630        | 80         | 1710        | 1710        | 93       |
| 20/09/2080     | 05/01/2024 | 17:50 | 1472        | 125        | 1597        | 0        | 1597        | 120        | 1717        | 1717        | 125      |
| 21/09/2080     | 06/01/2024 | 18:00 | 1409        | 126        | 1535        | 0        | 1535        | 60         | 1595        | 1595        | 126      |
| 22/09/2080     | 07/01/2024 | 17:50 | 1357        | 272        | 1629        | 0        | 1629        | 80         | 1709        | 1709        | 272      |
| 23/09/2080     | 08/01/2024 | 17:50 | 1398        | 242        | 1640        | 0        | 1640        | 80         | 1720        | 1720        | 242      |
| 24/09/2080     | 09/01/2024 | 18:05 | 1339        | 285        | 1624        | 0        | 1624        | 80         | 1704        | 1704        | 285      |
| 25/09/2080     | 10/01/2024 | 18:00 | 1361        | 314        | 1674        | 0        | 1674        | 80         | 1754        | 1754        | 314      |
| 26/09/2080     | 11/01/2024 | 18:05 | 1366        | 283        | 1650        | 0        | 1650        | 80         | 1730        | 1730        | 283      |
| 27/09/2080     | 12/01/2024 | 18:05 | 1303        | 280        | 1583        | 0        | 1583        | 80         | 1663        | 1663        | 280      |
| 28/09/2080     | 13/01/2024 | 18:05 | 1373        | 218        | 1591        | 0        | 1591        | 120        | 1711        | 1711        | 218      |
| 29/09/2080     | 14/01/2024 | 18:15 | 1314        | 280        | 1595        | 0        | 1595        | 120        | 1715        | 1715        | 280      |
| <b>Maximum</b> |            |       | <b>1685</b> | <b>314</b> | <b>1700</b> | <b>0</b> | <b>1700</b> | <b>120</b> | <b>1820</b> | <b>1820</b> | <b>9</b> |