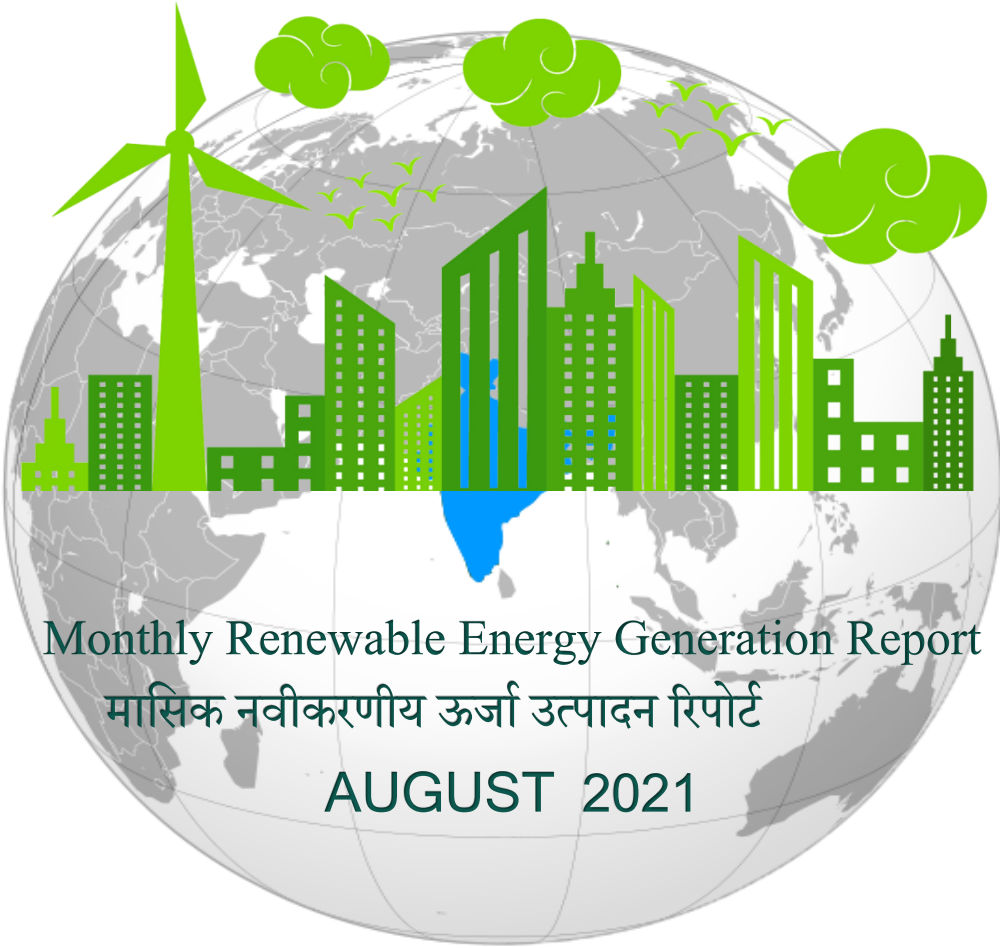




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Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority



नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग  
Renewable Energy Project Monitoring Division

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SUMMARY OF REPORT FOR THE MONTH OF AUGUST 2021

Decreased by 10.87 % as compared to July 21.

Increased by 07.24 % as compared to August 20.

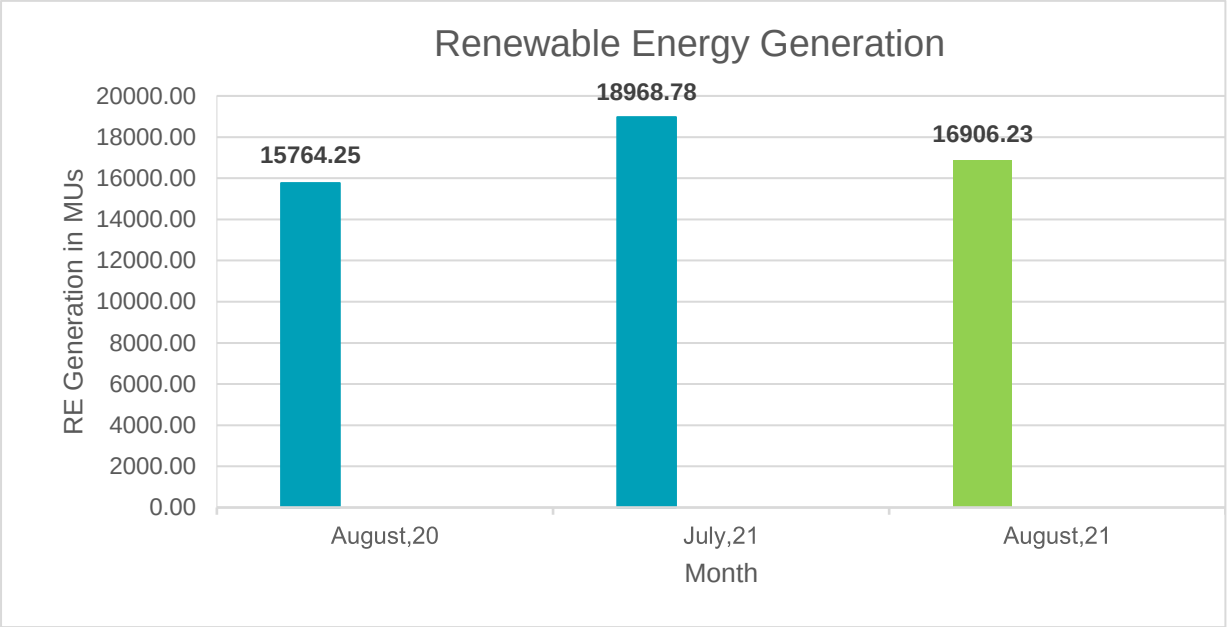


Figure 1: Renewable Energy Generation

Decreased by 06. 56 % as compared to July 21.

Increased by 139.59 % as compared to August 20.

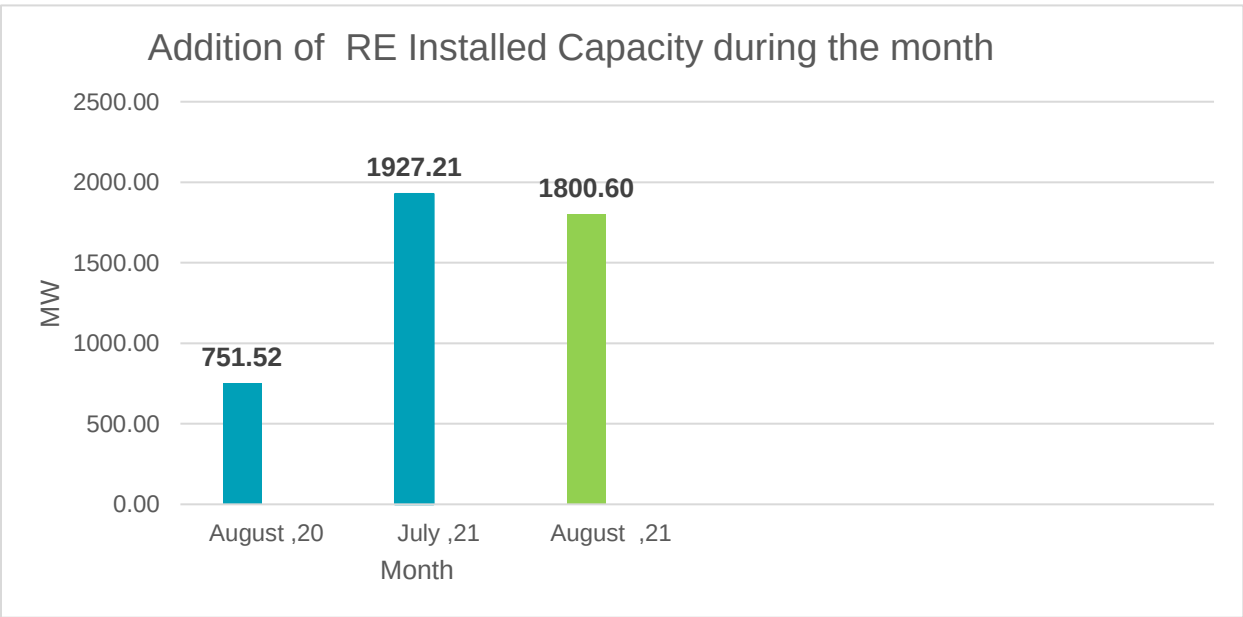


Figure 2 RE capacity added during the Month

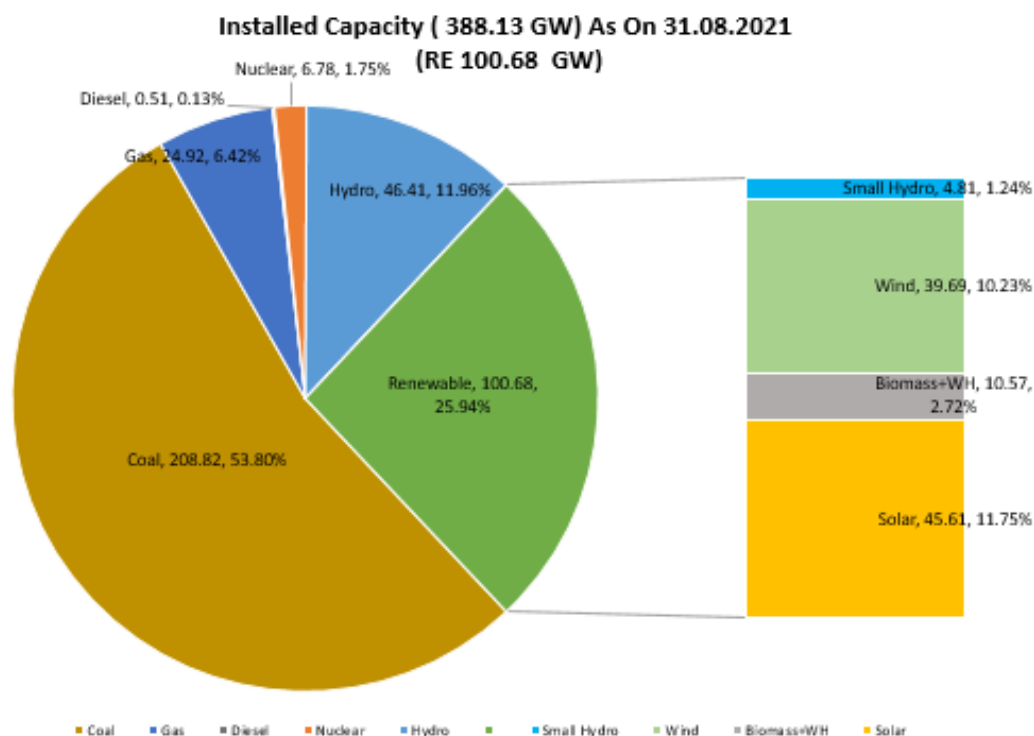


Figure 3 Installed Capacity in India as on 31.08.2021

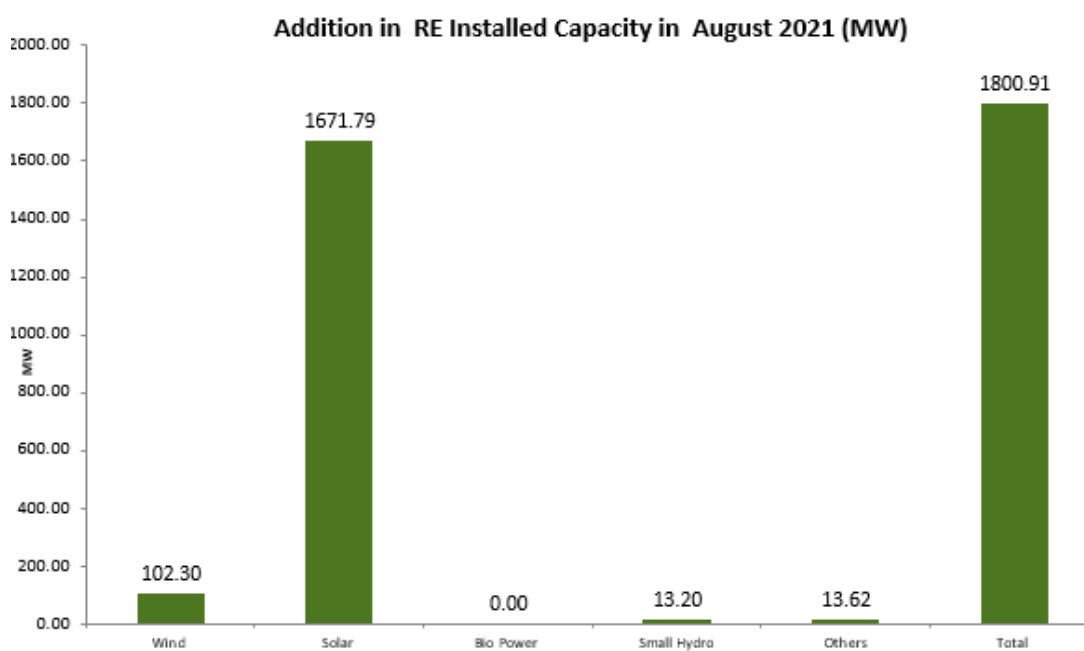


Figure 4: Source wise addition in RE Installed Capacity in August 21

## HIGHLIGHTS OF RE GENERATION DURING AUGUST 2021

1. RE generation increased by 07.24 % in August 2021 as compared to August 2020.
2. Wind Power generation during the month of August 2021 increased in Rajasthan, Gujarat, Madhya Pradesh and Tamil Nadu and decreased in Maharashtra, Andhra Pradesh and Karnataka, as compared to August 2020.
3. Daily wind generation decreased by 03.07 % as compared to August 2020 and decreased by 18.14 % as compared to July 2021.
4. Solar Power generation during the month of August 2021 increased in Punjab, Uttar Pradesh, Rajasthan, Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh, Tamil Nadu, Kerala, Orissa and decreased in Karnataka as compared to August 2020.
5. Daily solar generation increased by 27.78 % as compared to August 2020 and increased by 05.41% as compared to July 2021.

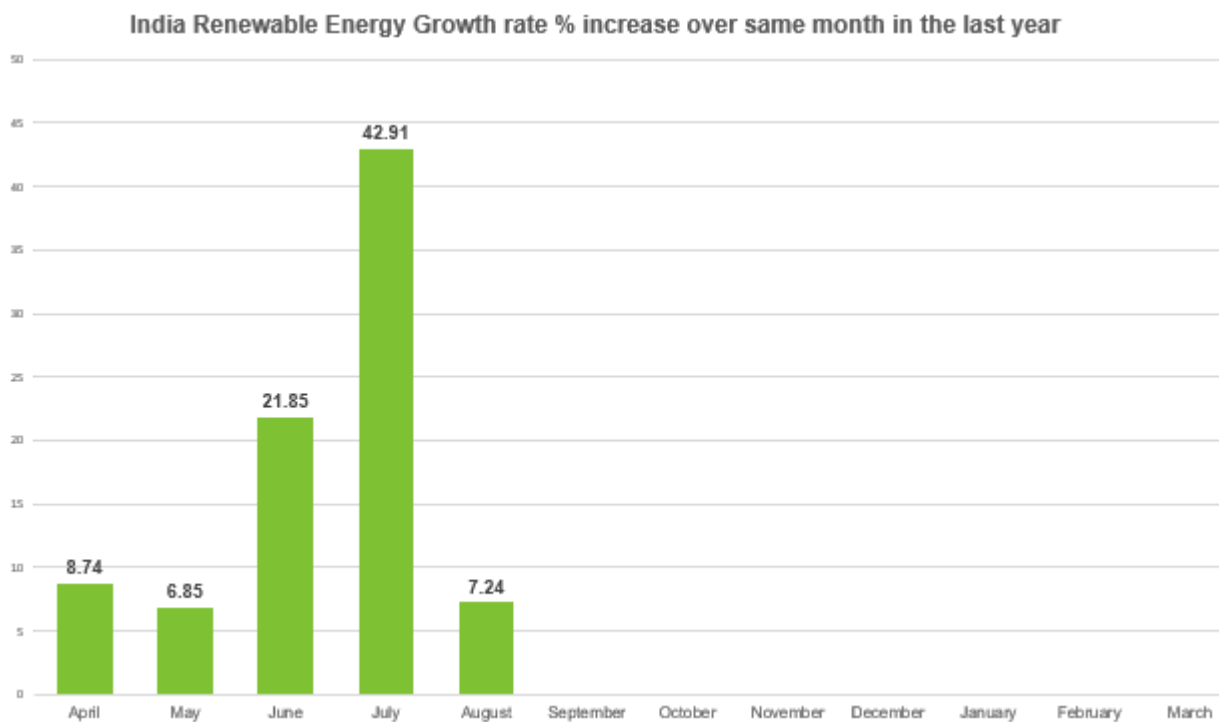
## ALL INDIA SUMMARY OF RENEWABLE ENERGY GENERATION

| Source       | Installed Capacity (MW) as on 31.08.2021 (as per MNRE) | RE Generation (MU) August' 2020 | RE Generation (MU) August ' 2021 | % of Last Year (2/3) | RE Generation (MU) April'2019- August '2020 | RE Generation (MU) April'2020- August '2021 | % Of Last Year (5/6) |
|--------------|--------------------------------------------------------|---------------------------------|----------------------------------|----------------------|---------------------------------------------|---------------------------------------------|----------------------|
|              | 1                                                      | 2                               | 3                                | 4                    | 5                                           | 6                                           | 7                    |
| Wind         | 39691.15                                               | 9645.51                         | 9348.92                          | 96.93                | 34220.01                                    | 41313.55                                    | 120.73               |
| Solar        | 45611.91                                               | 4264.74                         | 5449.51                          | 127.78               | 24579.20                                    | 28742.60                                    | 116.94               |
| Biomass      | 10170.61                                               | 231.15                          | 300.44                           | 129.98               | 1392.51                                     | 1511.71                                     | 108.56               |
| Bagasse      |                                                        | 194.88                          | 151.57                           | 77.78                | 2041.59                                     | 2283.17                                     | 111.83               |
| Small Hydro  | 4807.81                                                | 1274.72                         | 1476.14                          | 115.80               | 4636.06                                     | 4418.47                                     | 95.31                |
| Others       | 401.84                                                 | 153.25                          | 179.66                           | 117.23               | 490.67                                      | 860.34                                      | 175.34               |
| <b>Total</b> | <b>100683.32</b>                                       | <b>15764.25</b>                 | <b>16906.23</b>                  | <b>107.24</b>        | <b>67360.03</b>                             | <b>79129.84</b>                             | <b>117.47</b>        |

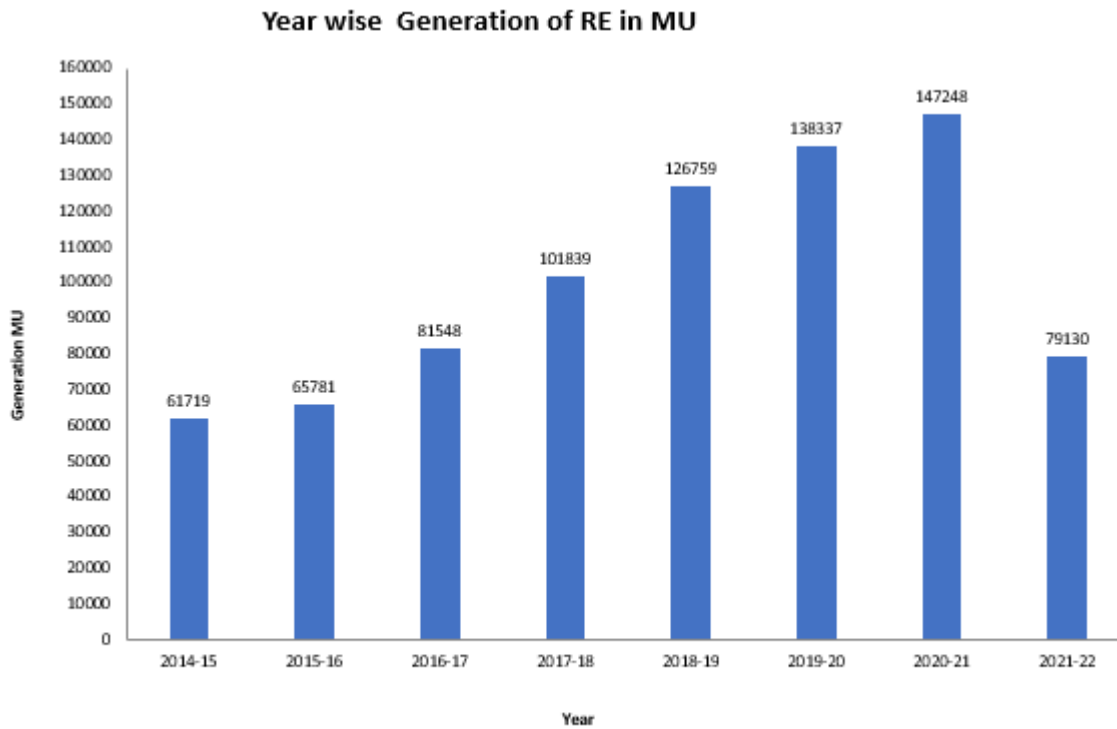
Table 1 All India Summary of Renewable Energy Generation



Figure 5 Additional RE Generation in August 21 compared to August 20



*Figure 6: Month Wise Growth of RE Generation in 2021-22 w.r.t to 2020-21*



\* 2021-22 RE Generation (Upto August 2021)

Figure 7 Year Wise RE Generation

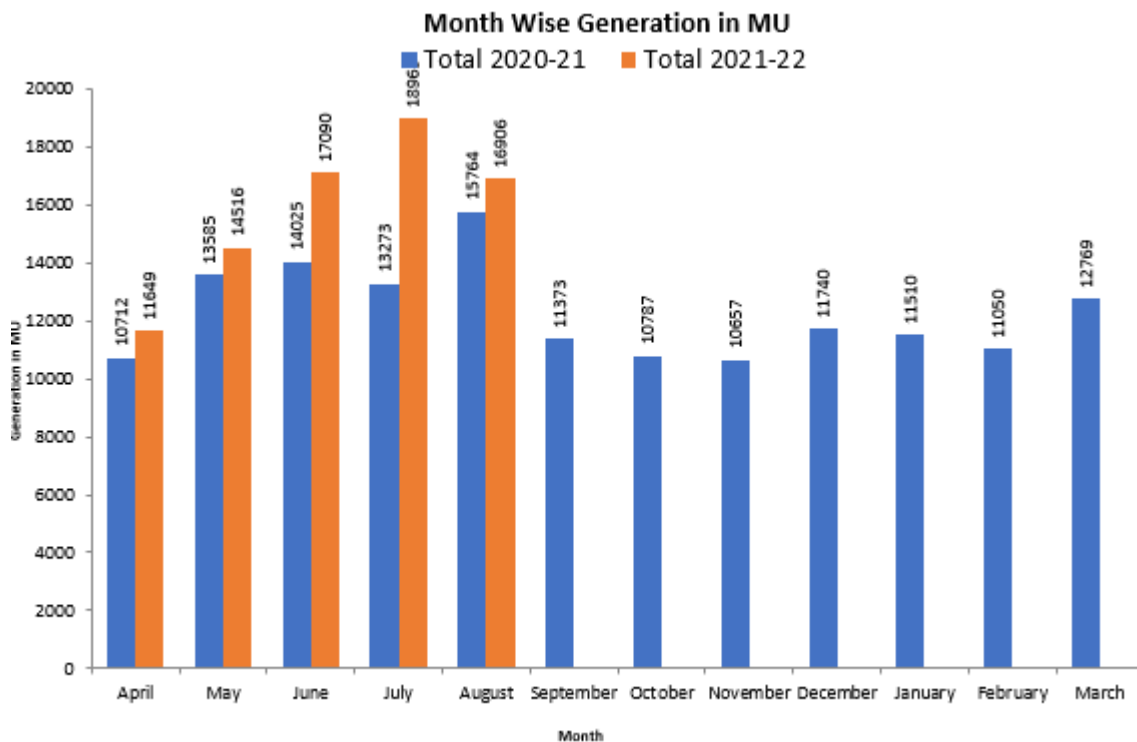


Figure 8 comparison of Month Wise RE Generation in year 2021-22 & in year 2020-21

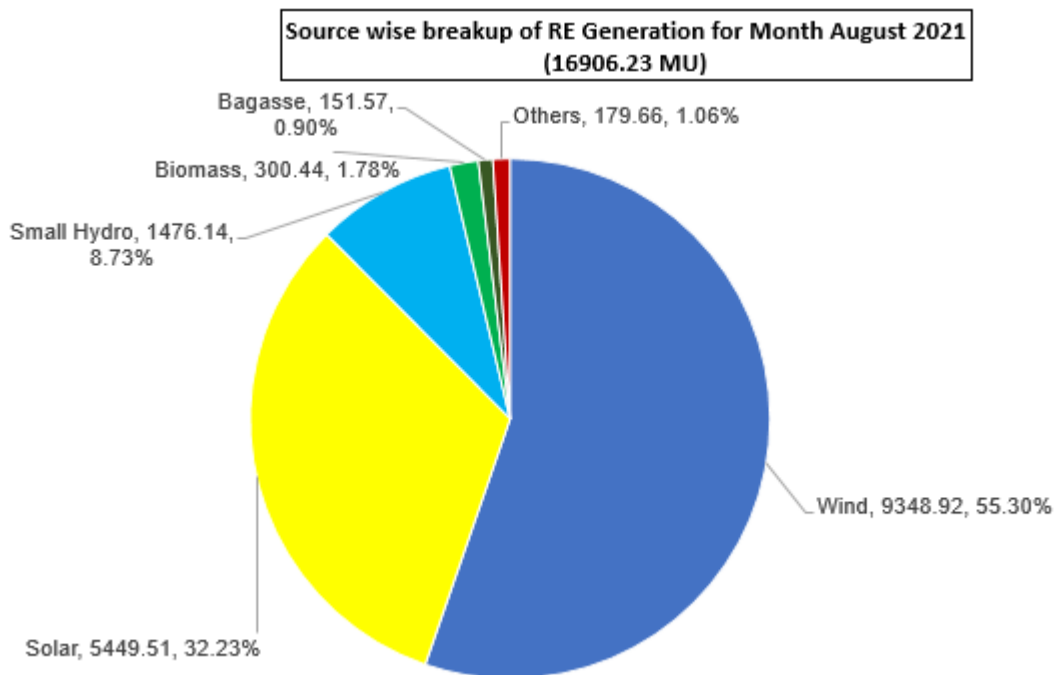


Figure 9 Source wise breakup of RE Generation in the month of August-21

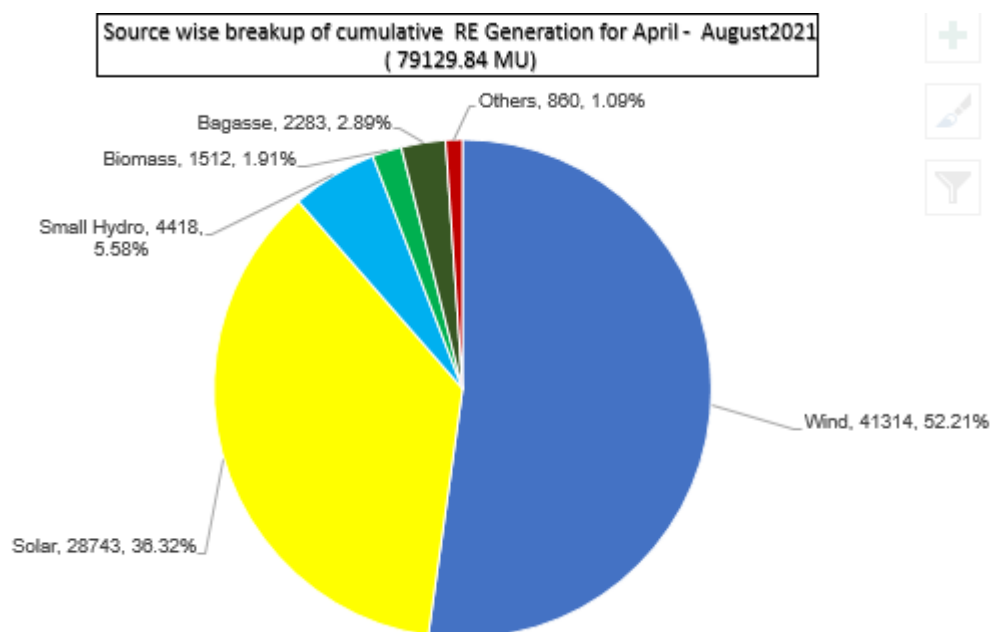


Figure 10 Source wise breakup of Cumulative RE Generation (April-21 – August -21)

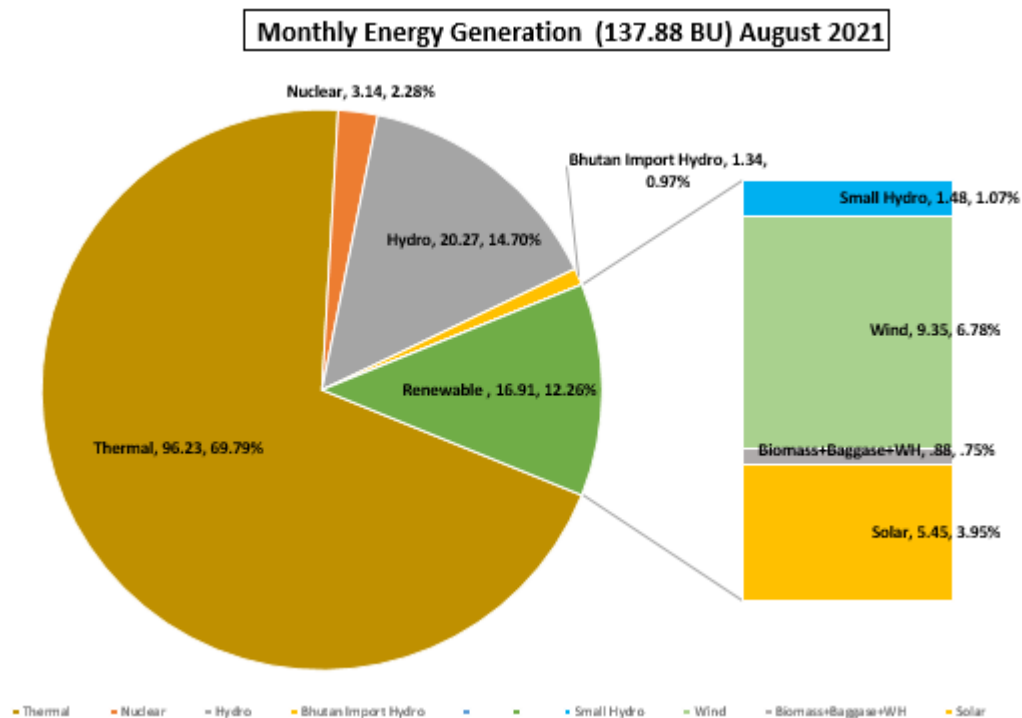


Figure 11 Total Energy Generation in India and Share of RE in the month of August -21

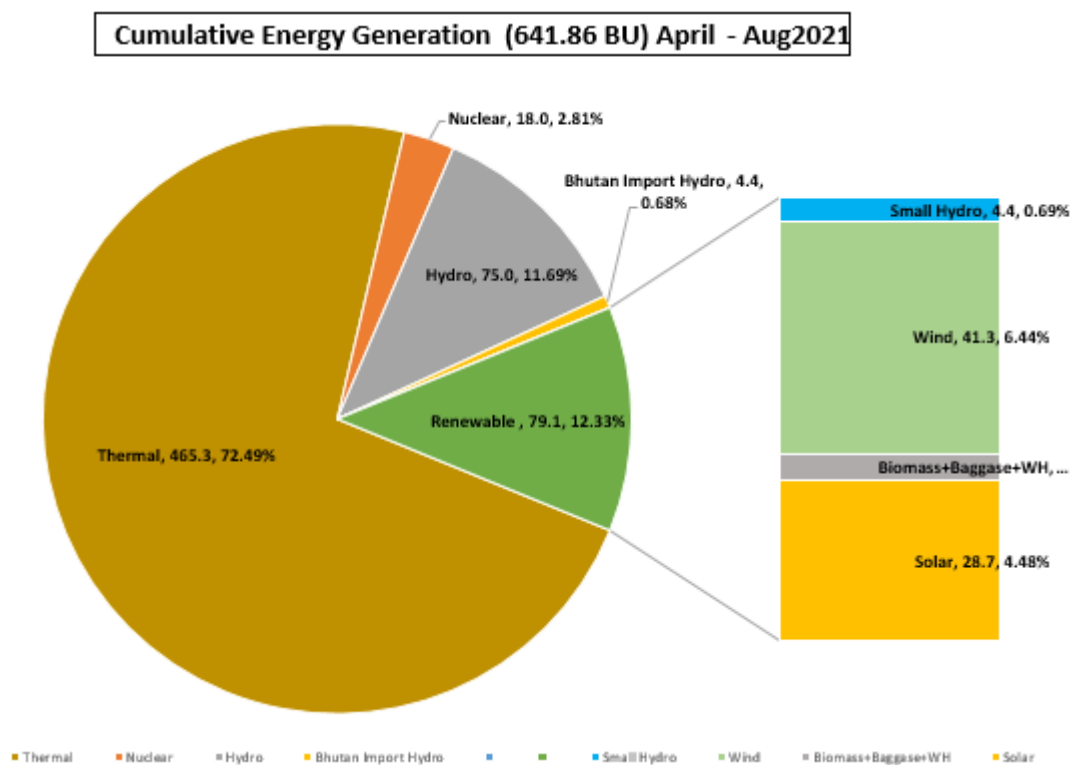


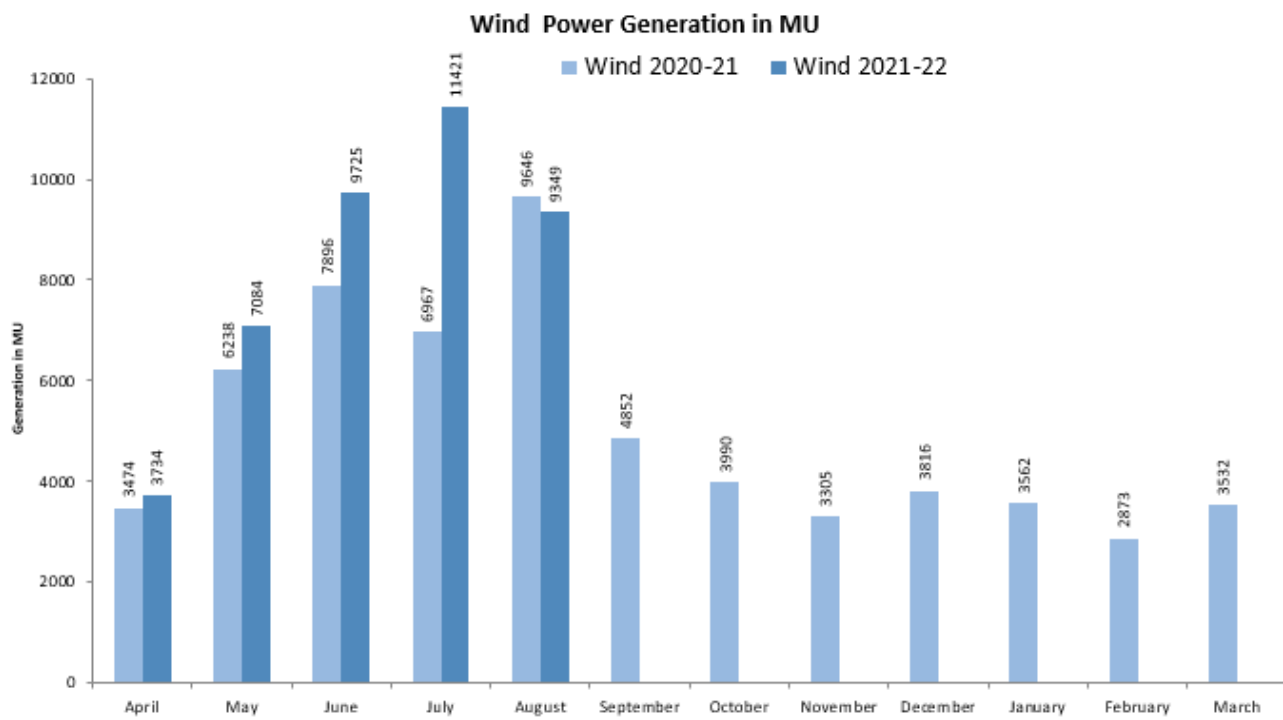
Figure 12 Cumulative Total Energy Generation in India and Share of RE (Apr-21 – August -21)

Table 2 State Wise Renewable Energy Generation

| Renewable Energy Generation (State Wise) for the month of August 2021 |              |               |                          |                         |
|-----------------------------------------------------------------------|--------------|---------------|--------------------------|-------------------------|
| State                                                                 | August '2020 | August ' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                            | 0.28         | 2.53          | 5.41                     | 7.06                    |
| Delhi                                                                 | 39.34        | 44.71         | 200.29                   | 171.76                  |
| Haryana                                                               | 46.52        | 86.21         | 291.41                   | 372.23                  |
| Himachal Pradesh                                                      | 284.83       | 328.80        | 1352.97                  | 926.55                  |
| J & K                                                                 | 46.97        | 38.90         | 269.83                   | 243.71                  |
| Ladakh                                                                | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Punjab                                                                | 252.91       | 350.72        | 1262.02                  | 1506.24                 |
| Rajasthan                                                             | 1420.37      | 2315.64       | 7970.39                  | 9983.24                 |
| Uttar Pradesh                                                         | 153.47       | 248.33        | 1702.08                  | 1819.33                 |
| Uttarakhand                                                           | 109.85       | 71.67         | 587.95                   | 358.35                  |
| Northern Region                                                       | 2354.54      | 3487.51       | 13642.35                 | 15388.47                |
| Chhattisgarh                                                          | 58.80        | 197.81        | 605.73                   | 799.35                  |
| Gujarat                                                               | 1911.44      | 2437.86       | 8662.76                  | 12501.02                |
| Madhya Pradesh                                                        | 799.55       | 833.20        | 4028.04                  | 4381.98                 |
| Maharashtra                                                           | 1744.60      | 1166.17       | 6034.53                  | 6823.32                 |
| Dadra and Nagar Haveli                                                | 0.28         | 3.03          | 2.49                     | 17.66                   |
| Daman & Diu                                                           | 2.77         | 2.99          | 12.60                    | 19.56                   |
| Goa                                                                   | 0.09         | 0.11          | 0.56                     | 0.54                    |
| Western Region                                                        | 4517.55      | 4641.17       | 19346.72                 | 24543.43                |
| Andhra Pradesh                                                        | 1711.18      | 1694.42       | 6677.91                  | 7889.95                 |
| Telangana                                                             | 457.98       | 548.11        | 2833.04                  | 2982.00                 |
| Karnataka                                                             | 3173.38      | 2557.47       | 11884.18                 | 12728.57                |
| Kerala                                                                | 127.32       | 164.51        | 447.76                   | 673.85                  |
| Tamil Nadu                                                            | 3164.55      | 3483.68       | 11415.08                 | 13541.31                |
| Lakshadweep                                                           | 0.04         | 0.02          | 0.21                     | 0.13                    |
| Puducherry                                                            | 0.37         | 1.02          | 1.85                     | 5.10                    |
| Southern Region                                                       | 8634.81      | 8449.23       | 33260.02                 | 37820.92                |
| Andaman Nicobar                                                       | 3.01         | 3.02          | 8.96                     | 13.31                   |
| Bihar                                                                 | 14.19        | 17.28         | 129.30                   | 71.28                   |
| Jharkhand                                                             | 2.32         | 1.39          | 7.09                     | 7.84                    |
| Orissa                                                                | 75.20        | 116.20        | 331.14                   | 449.47                  |
| Sikkim                                                                | 5.41         | 1.03          | 22.48                    | 5.15                    |
| West Bengal                                                           | 135.64       | 156.94        | 526.13                   | 732.23                  |
| Eastern Region                                                        | 235.76       | 295.87        | 1025.10                  | 1279.28                 |
| Arunachal Pradesh                                                     | 0.15         | 0.17          | 0.89                     | 0.86                    |
| Assam                                                                 | 5.18         | 10.31         | 16.52                    | 43.08                   |
| Manipur                                                               | 1.13         | 1.11          | 2.96                     | 2.96                    |
| Meghalaya                                                             | 3.03         | 4.08          | 15.15                    | 17.19                   |
| Mizoram                                                               | 3.74         | 2.56          | 14.91                    | 5.87                    |
| Nagaland                                                              | 7.86         | 13.88         | 30.91                    | 23.99                   |
| Tripura                                                               | 0.50         | 0.34          | 4.50                     | 3.80                    |
| North Eastern Region                                                  | 21.59        | 32.45         | 85.84                    | 97.75                   |
| All India Total                                                       | 15764.25     | 16906.23      | 67360.03                 | 79129.85                |

Table 3 State Wise Wind Power Generation

| Wind Power Generation (State Wise) for the month of August 2021 |              |               |                          |                         |
|-----------------------------------------------------------------|--------------|---------------|--------------------------|-------------------------|
| State                                                           | August '2020 | August ' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                      | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Delhi                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Haryana                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Himachal Pradesh                                                | 0.00         | 0.00          | 0.00                     | 0.00                    |
| J & K                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Ladakh                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Punjab                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Rajasthan                                                       | 593.30       | 1003.52       | 3348.24                  | 4222.24                 |
| Uttar Pradesh                                                   | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Uttarakhand                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Northern Region                                                 | 593.30       | 1003.52       | 3348.24                  | 4222.24                 |
| Chhattisgarh                                                    | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Gujarat                                                         | 1641.71      | 1946.93       | 6773.87                  | 9868.19                 |
| Madhya Pradesh                                                  | 522.09       | 550.43        | 2257.80                  | 2603.16                 |
| Maharashtra                                                     | 1461.14      | 856.18        | 4174.34                  | 4419.03                 |
| Dadra and Nagar Haveli                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Daman & Diu                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Goa                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Western Region                                                  | 3624.94      | 3353.54       | 13206.00                 | 16890.38                |
| Andhra Pradesh                                                  | 1182.13      | 1041.51       | 3720.94                  | 4326.81                 |
| Telangana                                                       | 35.76        | 26.74         | 109.30                   | 138.25                  |
| Karnataka                                                       | 1691.44      | 1136.35       | 5284.69                  | 5490.55                 |
| Kerala                                                          | 16.65        | 19.31         | 67.32                    | 75.54                   |
| Tamil Nadu                                                      | 2500.79      | 2767.95       | 8483.01                  | 10169.79                |
| Lakshadweep                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Puducherry                                                      | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Southern Region                                                 | 5426.76      | 4991.86       | 17665.26                 | 20200.93                |
| Andaman Nicobar                                                 | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Bihar                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Jharkhand                                                       | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Orissa                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Sikkim                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| West Bengal                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Eastern Region                                                  | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Arunachal Pradesh                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Assam                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Manipur                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Meghalaya                                                       | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Mizoram                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Nagaland                                                        | 0.50         | 0.00          | 0.50                     | 0.00                    |
| Tripura                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| North Eastern Region                                            | 0.50         | 0.00          | 0.50                     | 0.00                    |
| All India Total                                                 | 9645.51      | 9348.92       | 34220.01                 | 41313.55                |



*Figure 13 Monthly Wind Power Generation (2021-22 Up to August -21)*

Table 4 State Wise Solar Power Generation

| Solar Energy Generation (State Wise) for the month of August 2021 |              |               |                          |                         |
|-------------------------------------------------------------------|--------------|---------------|--------------------------|-------------------------|
| State                                                             | August '2020 | August ' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                        | 0.28         | 2.53          | 5.41                     | 7.06                    |
| Delhi                                                             | 14.53        | 20.04         | 86.86                    | 85.56                   |
| Haryana                                                           | 7.08         | 41.88         | 32.57                    | 182.53                  |
| Himachal Pradesh                                                  | 2.72         | 3.20          | 15.60                    | 18.94                   |
| J & K                                                             | 0.97         | 0.00          | 1.92                     | 1.71                    |
| Ladakh                                                            | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Punjab                                                            | 116.86       | 132.95        | 649.87                   | 669.52                  |
| Rajasthan                                                         | 791.56       | 1279.34       | 4446.16                  | 5587.28                 |
| Uttar Pradesh                                                     | 123.35       | 216.68        | 705.08                   | 1156.51                 |
| Uttarakhand                                                       | 25.63        | 24.63         | 160.76                   | 123.15                  |
| Northern Region                                                   | 1082.97      | 1721.25       | 6104.23                  | 7832.25                 |
| Chhattisgarh                                                      | 21.96        | 35.53         | 142.48                   | 158.01                  |
| Gujarat                                                           | 250.53       | 475.77        | 1765.50                  | 2571.27                 |
| Madhya Pradesh                                                    | 242.69       | 256.60        | 1663.88                  | 1691.55                 |
| Maharashtra                                                       | 154.12       | 202.71        | 1031.55                  | 1366.63                 |
| Dadra and Nagar Haveli                                            | 0.28         | 3.03          | 2.49                     | 17.66                   |
| Daman & Diu                                                       | 1.57         | 2.07          | 9.81                     | 14.88                   |
| Goa                                                               | 0.09         | 0.11          | 0.56                     | 0.54                    |
| Western Region                                                    | 671.25       | 975.83        | 4616.28                  | 5820.54                 |
| Andhra Pradesh                                                    | 492.56       | 604.15        | 2812.54                  | 3360.68                 |
| Telangana                                                         | 402.55       | 478.74        | 2605.12                  | 2662.15                 |
| Karnataka                                                         | 1008.36      | 940.64        | 5466.40                  | 5470.51                 |
| Kerala                                                            | 25.09        | 34.73         | 86.50                    | 190.11                  |
| Tamil Nadu                                                        | 536.89       | 613.10        | 2592.26                  | 3003.45                 |
| Lakshadweep                                                       | 0.04         | 0.02          | 0.21                     | 0.13                    |
| Puducherry                                                        | 0.37         | 1.02          | 1.85                     | 5.10                    |
| Southern Region                                                   | 2465.85      | 2672.40       | 13564.87                 | 14692.14                |
| Andaman Nicobar                                                   | 1.41         | 1.34          | 5.59                     | 8.40                    |
| Bihar                                                             | 12.53        | 16.20         | 76.85                    | 66.98                   |
| Jharkhand                                                         | 1.28         | 1.39          | 6.32                     | 7.57                    |
| Orissa                                                            | 22.49        | 46.64         | 169.67                   | 240.41                  |
| Sikkim                                                            | 0.00         | 0.00          | 0.00                     | 0.00                    |
| West Bengal                                                       | 4.70         | 7.23          | 27.07                    | 41.87                   |
| Eastern Region                                                    | 42.40        | 72.79         | 285.50                   | 365.23                  |
| Arunachal Pradesh                                                 | 0.11         | 0.13          | 0.67                     | 0.76                    |
| Assam                                                             | 0.51         | 5.48          | 2.02                     | 25.28                   |
| Manipur                                                           | 1.13         | 1.11          | 2.96                     | 2.96                    |
| Meghalaya                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Mizoram                                                           | 0.02         | 0.18          | 0.11                     | 1.08                    |
| Nagaland                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Tripura                                                           | 0.50         | 0.34          | 2.56                     | 2.36                    |
| North Eastern Region                                              | 2.27         | 7.24          | 8.32                     | 32.44                   |
| All India Total                                                   | 4264.74      | 5449.51       | 24579.20                 | 28742.60                |

### Solar Power Generation in MU

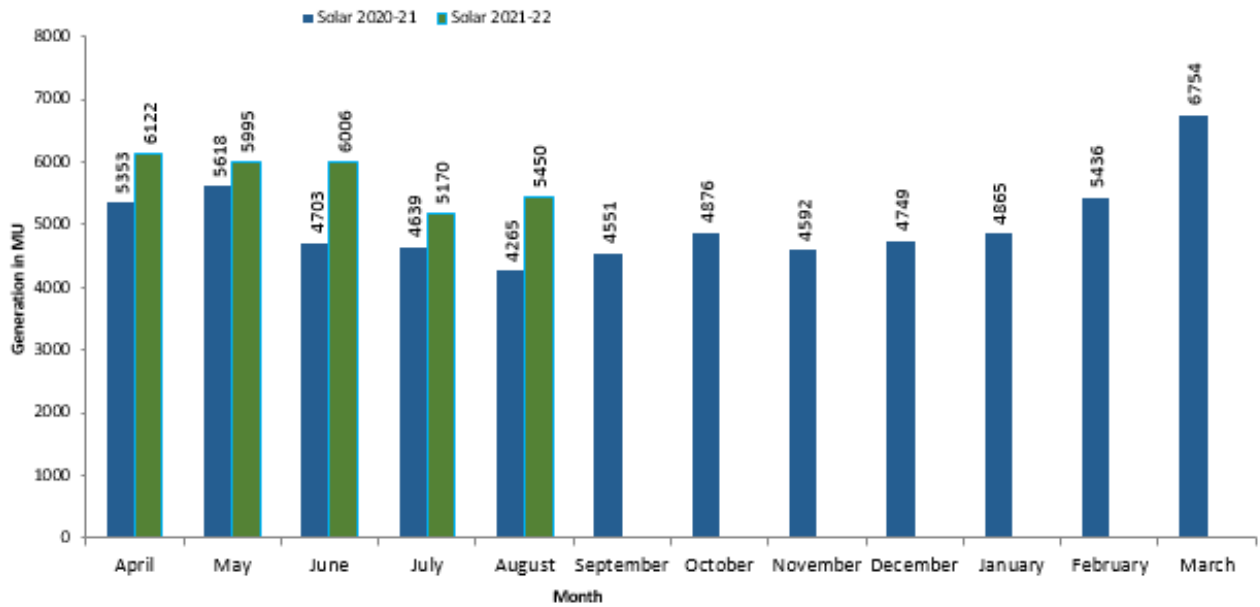
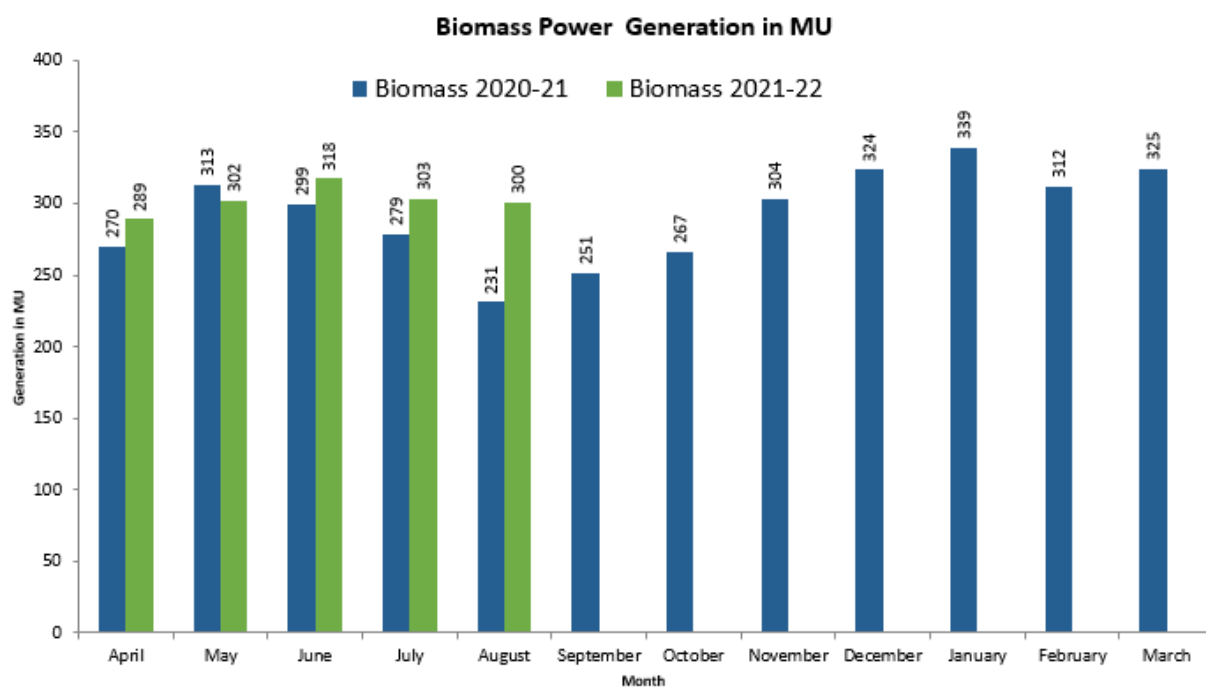


Figure 14 Monthly Solar Power Generation (2021-22 Up to August -21)

Table 5 State Wise Biomass Power Generation

| Biomass Energy Generation (State Wise) for the month of August 2021 |              |               |                          |                         |
|---------------------------------------------------------------------|--------------|---------------|--------------------------|-------------------------|
| State                                                               | August '2020 | August ' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Delhi                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Haryana                                                             | 11.65        | 18.04         | 68.58                    | 72.83                   |
| Himachal Pradesh                                                    | 0.00         | 0.00          | 0.00                     | 0.00                    |
| J & K                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Ladakh                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Punjab                                                              | 47.10        | 38.12         | 226.71                   | 240.17                  |
| Rajasthan                                                           | 35.23        | 32.69         | 175.17                   | 173.51                  |
| Uttar Pradesh                                                       | 0.00         | 4.69          | 51.52                    | 37.25                   |
| Uttarakhand                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Northern Region                                                     | 93.98        | 93.53         | 521.98                   | 523.77                  |
| Chhattisgarh                                                        | 31.88        | 119.76        | 399.88                   | 555.85                  |
| Gujarat                                                             | 3.89         | 0.00          | 43.13                    | 0.00                    |
| Madhya Pradesh                                                      | 0.05         | 0.17          | 0.06                     | 0.17                    |
| Maharashtra                                                         | 32.09        | 28.78         | 133.64                   | 141.44                  |
| Dadra and Nagar Haveli                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Daman & Diu                                                         | 1.20         | 0.92          | 2.79                     | 4.68                    |
| Goa                                                                 | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Western Region                                                      | 69.12        | 149.62        | 579.48                   | 702.14                  |
| Andhra Pradesh                                                      | 12.13        | 10.79         | 53.61                    | 50.03                   |
| Telangana                                                           | 11.45        | 8.70          | 70.72                    | 52.17                   |
| Karnataka                                                           | 19.95        | 16.58         | 82.39                    | 85.53                   |
| Kerala                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Tamil Nadu                                                          | 13.88        | 11.06         | 54.20                    | 53.36                   |
| Lakshadweep                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Puducherry                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Southern Region                                                     | 57.41        | 47.13         | 260.92                   | 241.10                  |
| Andaman Nicobar                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Bihar                                                               | 1.66         | 0.00          | 7.76                     | 2.14                    |
| Jharkhand                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Orissa                                                              | 8.98         | 10.16         | 22.35                    | 42.58                   |
| Sikkim                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| West Bengal                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Eastern Region                                                      | 10.64        | 10.16         | 30.12                    | 44.71                   |
| Arunachal Pradesh                                                   | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Assam                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Manipur                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Meghalaya                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Mizoram                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Nagaland                                                            | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Tripura                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| North Eastern Region                                                | 0.00         | 0.00          | 0.00                     | 0.00                    |
| All India Total                                                     | 231.15       | 300.44        | 1392.51                  | 1511.71                 |



*Figure 15 Monthly Biomass Power Generation (2021-22 Up to August -21)*

Table 6 State Wise Bagasse Power Generation

| Bagasse Energy Generation (State Wise) for the month of August 2021 |              |               |                          |                         |
|---------------------------------------------------------------------|--------------|---------------|--------------------------|-------------------------|
| State                                                               | August '2020 | August ' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Delhi                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Haryana                                                             | 0.00         | 0.00          | 42.70                    | 14.75                   |
| Himachal Pradesh                                                    | 0.00         | 0.00          | 0.00                     | 0.00                    |
| J & K                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Ladakh                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Punjab                                                              | 4.47         | 1.48          | 31.82                    | 36.72                   |
| Rajasthan                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Uttar Pradesh                                                       | 18.76        | 7.56          | 907.66                   | 577.32                  |
| Uttarakhand                                                         | 0.00         | 20.26         | 29.23                    | 101.30                  |
| Northern Region                                                     | 23.23        | 29.30         | 1011.40                  | 730.09                  |
| Chhattisgarh                                                        | 0.00         | 0.00          | 5.08                     | 0.00                    |
| Gujarat                                                             | 0.00         | 0.00          | 2.39                     | 2.04                    |
| Madhya Pradesh                                                      | 0.00         | 0.00          | 0.00                     | 2.86                    |
| Maharashtra                                                         | 6.75         | 7.96          | 358.75                   | 559.39                  |
| Dadra and Nagar Haveli                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Daman & Diu                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Goa                                                                 | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Western Region                                                      | 6.75         | 7.96          | 366.22                   | 564.29                  |
| Andhra Pradesh                                                      | 1.82         | 0.04          | 11.74                    | 17.23                   |
| Telangana                                                           | 0.10         | 0.00          | 0.10                     | 0.00                    |
| Karnataka                                                           | 84.96        | 50.13         | 260.80                   | 750.01                  |
| Kerala                                                              | 4.28         | 4.30          | 18.43                    | 20.15                   |
| Tamil Nadu                                                          | 73.75        | 59.84         | 222.68                   | 201.39                  |
| Lakshadweep                                                         | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Puducherry                                                          | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Southern Region                                                     | 164.91       | 114.31        | 513.75                   | 988.79                  |
| Andaman Nicobar                                                     | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Bihar                                                               | 0.00         | 0.00          | 1.48                     | 0.00                    |
| Jharkhand                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Orissa                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Sikkim                                                              | 0.00         | 0.00          | 0.00                     | 0.00                    |
| West Bengal                                                         | 0.00         | 0.00          | 148.73                   | 0.00                    |
| Eastern Region                                                      | 0.00         | 0.00          | 150.21                   | 0.00                    |
| Arunachal Pradesh                                                   | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Assam                                                               | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Manipur                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Meghalaya                                                           | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Mizoram                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Nagaland                                                            | 0.00         | 0.00          | 0.00                     | 0.00                    |
| Tripura                                                             | 0.00         | 0.00          | 0.00                     | 0.00                    |
| North Eastern Region                                                | 0.00         | 0.00          | 0.00                     | 0.00                    |
| All India Total                                                     | 194.88       | 151.57        | 2041.59                  | 2283.17                 |

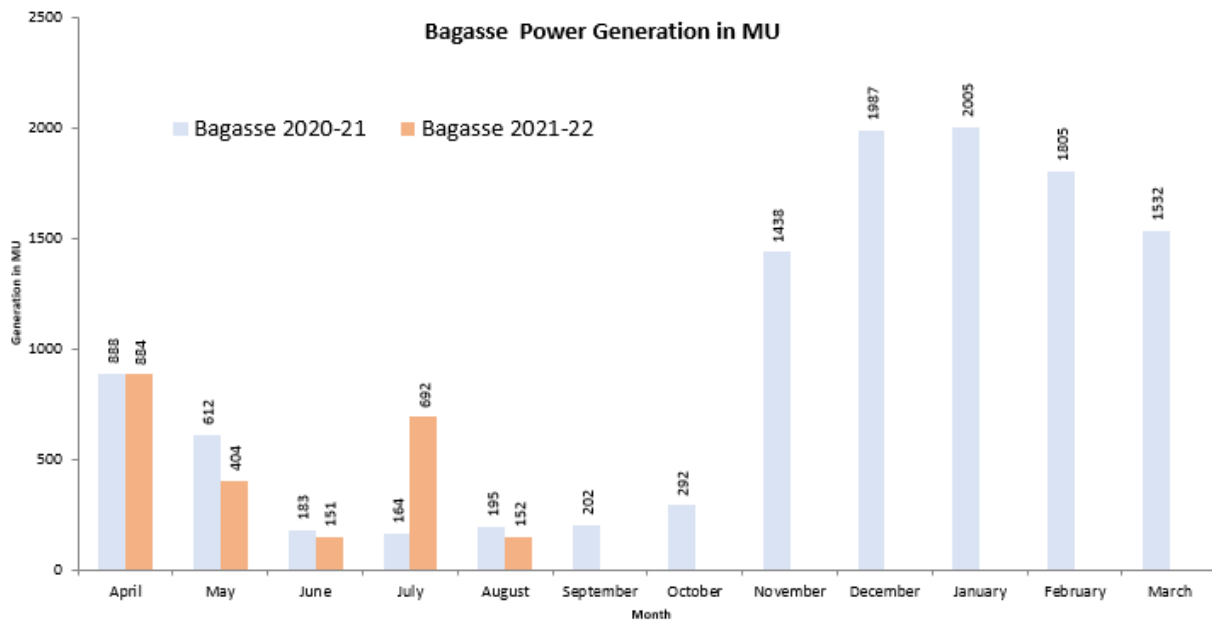
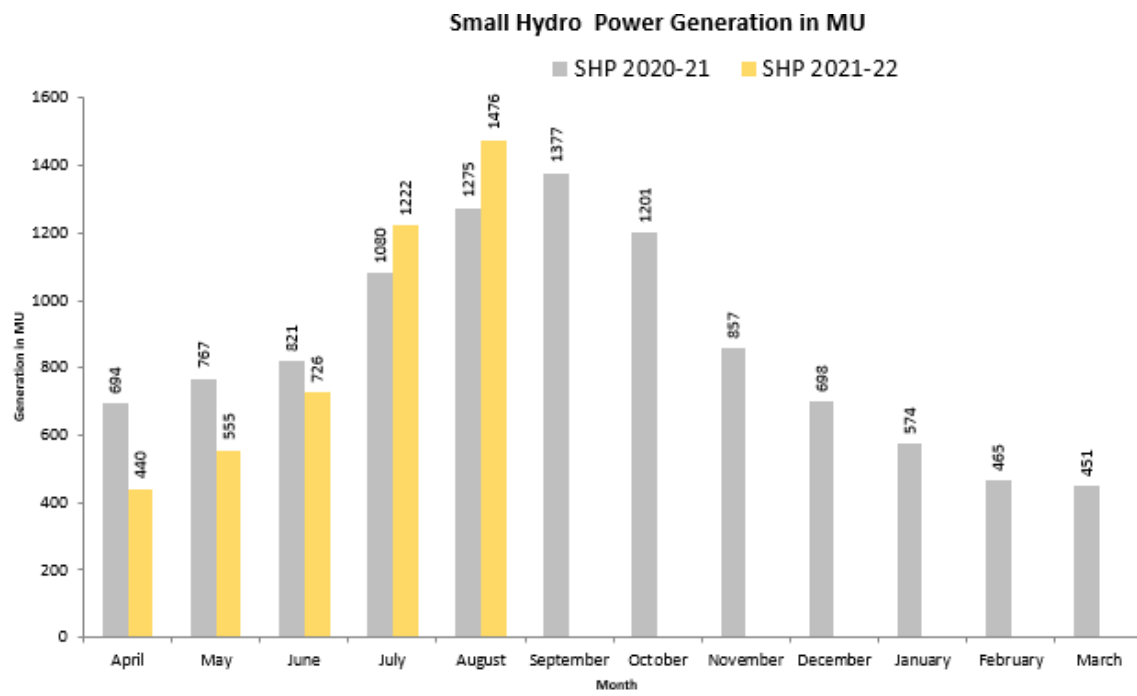


Figure 16 Monthly Bagasse Power Generation (2021-22 Up to August -21)

Table 7 State Wise Small Hydro Generation

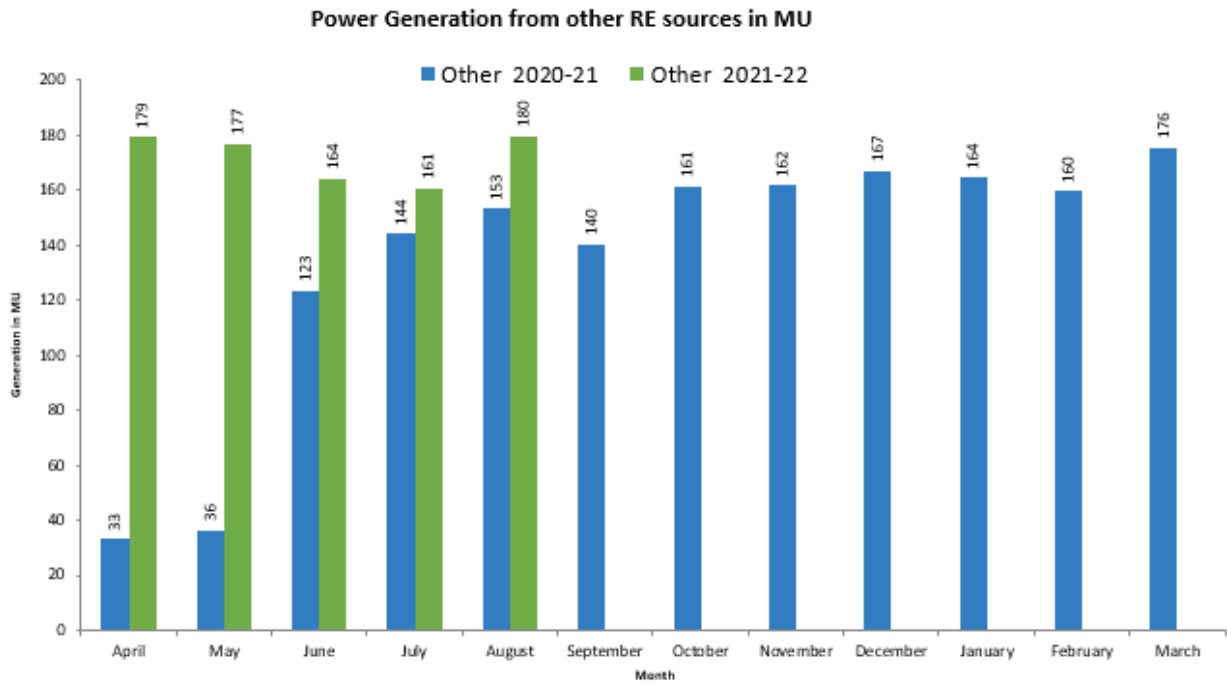
| Small Hydro Energy Generation (State Wise) for the month of August 2021 |              |              |                          |                         |
|-------------------------------------------------------------------------|--------------|--------------|--------------------------|-------------------------|
| State                                                                   | August '2020 | August' 2021 | April'2020- August '2020 | April'2021- August 2021 |
| Chandigarh                                                              | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Delhi                                                                   | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Haryana                                                                 | 27.79        | 26.29        | 147.57                   | 102.12                  |
| Himachal Pradesh                                                        | 282.11       | 325.60       | 1337.37                  | 907.62                  |
| J & K                                                                   | 46.00        | 38.90        | 267.91                   | 242.00                  |
| Ladakh                                                                  | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Punjab                                                                  | 84.48        | 178.16       | 353.61                   | 559.61                  |
| Rajasthan                                                               | 0.28         | 0.09         | 0.81                     | 0.21                    |
| Uttar Pradesh                                                           | 11.37        | 19.40        | 37.82                    | 48.25                   |
| Uttarakhand                                                             | 84.22        | 26.78        | 397.96                   | 133.90                  |
| Northern Region                                                         | 536.25       | 615.22       | 2543.06                  | 1993.71                 |
| Chhattisgarh                                                            | 4.96         | 42.52        | 58.30                    | 85.50                   |
| Gujarat                                                                 | 15.30        | 15.16        | 67.26                    | 59.53                   |
| Madhya Pradesh                                                          | 32.19        | 23.73        | 92.38                    | 70.28                   |
| Maharashtra                                                             | 90.51        | 70.54        | 336.22                   | 336.77                  |
| Dadra and Nagar Haveli                                                  | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Daman & Diu                                                             | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Goa                                                                     | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Western Region                                                          | 142.96       | 151.96       | 554.16                   | 552.07                  |
| Andhra Pradesh                                                          | 15.22        | 33.53        | 70.46                    | 99.80                   |
| Telangana                                                               | 4.78         | 11.62        | 15.96                    | 22.81                   |
| Karnataka                                                               | 368.67       | 413.78       | 789.90                   | 931.97                  |
| Kerala                                                                  | 81.31        | 106.17       | 275.51                   | 388.05                  |
| Tamil Nadu                                                              | 39.24        | 31.73        | 62.93                    | 113.31                  |
| Lakshadweep                                                             | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Puducherry                                                              | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Southern Region                                                         | 509.22       | 596.84       | 1214.76                  | 1555.95                 |
| Andaman Nicobar                                                         | 1.60         | 1.69         | 3.37                     | 4.91                    |
| Bihar                                                                   | 0.00         | 1.08         | 43.20                    | 2.16                    |
| Jharkhand                                                               | 1.04         | 0.00         | 1.55                     | 0.27                    |
| Orissa                                                                  | 43.73        | 59.40        | 139.12                   | 166.48                  |
| Sikkim                                                                  | 5.41         | 1.03         | 22.48                    | 5.15                    |
| West Bengal                                                             | 15.68        | 23.71        | 37.34                    | 72.47                   |
| Eastern Region                                                          | 67.46        | 86.91        | 247.06                   | 251.44                  |
| Arunachal Pradesh                                                       | 0.04         | 0.04         | 0.22                     | 0.09                    |
| Assam                                                                   | 4.68         | 4.83         | 14.51                    | 17.80                   |
| Manipur                                                                 | 0.00         | 0.00         | 0.00                     | 0.00                    |
| Meghalaya                                                               | 3.03         | 4.08         | 15.15                    | 17.19                   |
| Mizoram                                                                 | 3.72         | 2.38         | 14.79                    | 4.79                    |
| Nagaland                                                                | 7.36         | 13.88        | 30.41                    | 23.99                   |
| Tripura                                                                 | 0.00         | 0.00         | 1.94                     | 1.44                    |
| North Eastern Region                                                    | 18.83        | 25.22        | 77.02                    | 65.31                   |
| All India Total                                                         | 1274.72      | 1476.14      | 4636.06                  | 4418.47                 |



*Figure 17 Monthly Small Hydro Power Generation (2021-22 Up to August -21)*

Table 8 State Wise Other RE sources ( Waste Heat etc) Power Generation

| Other RE sources Energy Generation (State Wise) for the month of August 2021 |              |               |                         |                         |
|------------------------------------------------------------------------------|--------------|---------------|-------------------------|-------------------------|
| State                                                                        | August '2020 | August ' 2021 | April'2020-August '2020 | April'2021- August 2021 |
| Chandigarh                                                                   | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Delhi                                                                        | 24.81        | 24.67         | 113.43                  | 86.20                   |
| Haryana                                                                      | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Himachal Pradesh                                                             | 0.00         | 0.00          | 0.00                    | 0.00                    |
| J & K                                                                        | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Ladakh                                                                       | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Punjab                                                                       | 0.00         | 0.01          | 0.01                    | 0.22                    |
| Rajasthan                                                                    | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Uttar Pradesh                                                                | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Uttarakhand                                                                  | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Northern Region                                                              | 24.81        | 24.68         | 113.44                  | 86.42                   |
| Chhattisgarh                                                                 | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Gujarat                                                                      | 0.00         | 0.00          | 10.61                   | 0.00                    |
| Madhya Pradesh                                                               | 2.53         | 2.27          | 13.92                   | 13.95                   |
| Maharashtra                                                                  | 0.00         | 0.00          | 0.04                    | 0.05                    |
| Dadra and Nagar Haveli                                                       | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Daman & Diu                                                                  | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Goa                                                                          | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Western Region                                                               | 2.53         | 2.27          | 24.57                   | 13.99                   |
| Andhra Pradesh                                                               | 7.32         | 4.40          | 8.62                    | 35.40                   |
| Telangana                                                                    | 3.33         | 22.31         | 31.83                   | 106.62                  |
| Karnataka                                                                    | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Kerala                                                                       | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Tamil Nadu                                                                   | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Lakshadweep                                                                  | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Puducherry                                                                   | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Southern Region                                                              | 10.65        | 26.71         | 40.45                   | 142.02                  |
| Andaman Nicobar                                                              | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Bihar                                                                        | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Jharkhand                                                                    | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Orissa                                                                       | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Sikkim                                                                       | 0.00         | 0.00          | 0.00                    | 0.00                    |
| West Bengal                                                                  | 115.26       | 126.01        | 312.21                  | 617.90                  |
| Eastern Region                                                               | 115.26       | 126.01        | 312.21                  | 617.90                  |
| Arunachal Pradesh                                                            | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Assam                                                                        | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Manipur                                                                      | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Meghalaya                                                                    | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Mizoram                                                                      | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Nagaland                                                                     | 0.00         | 0.00          | 0.00                    | 0.00                    |
| Tripura                                                                      | 0.00         | 0.00          | 0.00                    | 0.00                    |
| North Eastern Region                                                         | 0.00         | 0.00          | 0.00                    | 0.00                    |
| All India Total                                                              | 153.25       | 179.66        | 490.67                  | 860.34                  |



*Figure 18 Monthly Other RE ( Waste Heat etc) Power Generation (2021-22 Up to August -21)*

Table 9: Renewable Energy Generation by ISGS Stations

| Monthly RE generation from Inter State Generating Station ( ISGS ) for August 2021 |                  |                                           |       |       |                   |                     |                    |
|------------------------------------------------------------------------------------|------------------|-------------------------------------------|-------|-------|-------------------|---------------------|--------------------|
| Station                                                                            | State/<br>Region | Sector<br>(Central<br>/State<br>/Private) | Owner | Type  | Capacity<br>( MW) | Generation<br>( MU) | Monthly CUF<br>(%) |
| AURAIYA                                                                            | Uttar Pradesh    | Central                                   | NTPC  | Solar | 20                | 2.66                | 17.84              |
| DADRI SOLAR                                                                        | Uttar Pradesh    | Central                                   | NTPC  | Solar | 5                 | 0.52                | 13.84              |
| SINGRAULI SOLAR                                                                    | Uttar Pradesh    | Central                                   | NTPC  | Solar | 15                | 1.54                | 13.84              |
| UNCHAHAR SOLAR                                                                     | Uttar Pradesh    | Central                                   | NTPC  | Solar | 10                | 0.86                | 11.49              |
| KILAJ SOLAR (MAHARASHTRA) PVT LTD.                                                 | Rajasthan        | Private                                   | IPP   | Solar | 50                | 11.72               | 31.51              |
| MAHINDRA RENEWABLE PRIVATE LIMITED                                                 | Rajasthan        | Private                                   | IPP   | Solar | 250               | 46.40               | 24.95              |
| MAHOBASOLAR (UP) PRIVATE LTD                                                       | Rajasthan        | Private                                   | IPP   | Solar | 200               | 44.65               | 30.01              |
| AZURE FORTY THREE PVT LTD                                                          | Rajasthan        | Private                                   | IPP   | Solar | 300               | 82.31               | 36.88              |
| ACME CHITTORGARH ENERGY PVT LTD.                                                   | Rajasthan        | Private                                   | IPP   | Solar | 250               | 53.57               | 28.80              |
| AZURE POWER INDIA PVT LTD                                                          | Rajasthan        | Private                                   | IPP   | Solar | 200               | 39.00               | 26.21              |
| AZURE POWER THIRTY FOUR PRIVATE LTD                                                | Rajasthan        | Private                                   | IPP   | Solar | 130               | 29.57               | 30.57              |
| M/S ADANI SOLAR ENERGY JODHPUR TWO LTD                                             | Rajasthan        | Private                                   | IPP   | Solar | 50                | 11.94               | 32.10              |
| CLEAN SOLAR POWER (BHADLA) PVT LTD                                                 | Rajasthan        | Private                                   | IPP   | Solar | 300               | 64.83               | 29.05              |
| EDEN RENEWABLE CITE PRIVATE LIMITED                                                | Rajasthan        | Private                                   | IPP   | Solar | 175               | 26.13               | 20.07              |
| RENEW SOLAR POWER PVT LTD                                                          | Rajasthan        | Private                                   | IPP   | Solar | 50                | 11.51               | 30.94              |
| RENEW SUN WAVES PRIVATE LIMITED                                                    | Rajasthan        | Private                                   | IPP   | Solar | 150               | 17.33               | 15.53              |
| RENEW SOLAR POWER PVT LTD. BIKANER                                                 | Rajasthan        | Private                                   | IPP   | Solar | 250               | 54.43               | 29.26              |
| SB ENERGY FOUR PVT LTD                                                             | Rajasthan        | Private                                   | IPP   | Solar | 200               | 44.93               | 30.19              |
| SB ENERGY SIX PVT LTD                                                              | Rajasthan        | Private                                   | IPP   | Solar | 300               | 65.94               | 29.54              |
| SBSR POWER CLEANTECH ELEVEN PRIVATE LIMITED                                        | Rajasthan        | Private                                   | IPP   | Solar | 50                | 3.17                | 8.52               |
| TATA POWER RENEWABLE ENERGY LTD                                                    | Rajasthan        | Private                                   | IPP   | Solar | 150               | 46.41               | 41.59              |
| ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR                                    |                  |                                           |       |       | 200               | 24.41               | 16.40              |

Monthly RE generation from Inter State Generating Station ( ISGS ) for August 2021

| Station                                                | State/<br>Region  | Sector<br>(Central<br>/State<br>/Private) | Owner | Type  | Capacity<br>( MW) | Generation<br>( MU) | Monthly CUF<br>(%) |
|--------------------------------------------------------|-------------------|-------------------------------------------|-------|-------|-------------------|---------------------|--------------------|
| <b>Northern Region</b>                                 |                   |                                           |       |       | <b>3105</b>       | <b>659.41</b>       |                    |
| <b>ACME SOLAR<br/>(RAMNAGAR)</b>                       | Madhya<br>Pradesh | Private                                   | IPP   | Solar | 250               | 34.59               | 18.60              |
| <b>ARINSUN SOLAR<br/>(BARSITADESH)</b>                 | Madhya<br>Pradesh | Private                                   | IPP   | Solar | 250               | 33.12               | 17.81              |
| <b>MAHINDRA SOLAR<br/>(BADWAR)</b>                     | Madhya<br>Pradesh | Private                                   | IPP   | Solar | 250               | 34.11               | 18.34              |
| <b>RENEW SOLAR<br/>(BHUVAD)</b>                        | Gujarat           | Private                                   | IPP   | Solar | 400               | 72.78               | 24.46              |
| <b>ALFANAR WIND</b>                                    | Gujarat           | Private                                   | IPP   | Wind  | 300               | 97.86               | 43.84              |
| <b>GIWEL-II WIND (VADVA)</b>                           | Gujarat           | Private                                   | IPP   | Wind  | 250               | 79.73               | 42.87              |
| <b>GIWEL-III WIND<br/>(NARANPAR)</b>                   | Gujarat           | Private                                   | IPP   | Wind  | 300               | 84.61               | 37.91              |
| <b>ADANI GREEN ENERGY<br/>MP LTD(DAYAPAR)</b>          | Gujarat           | Private                                   | IPP   | Wind  | 500               | 158.72              | 42.67              |
| <b>IWISL WIND (DAYAPAR)</b>                            | Gujarat           | Private                                   | IPP   | Wind  | 250               | 69.23               | 37.22              |
| <b>OSTRO WIND (KUTCH)</b>                              | Gujarat           | Private                                   | IPP   | Wind  | 250               | 74.53               | 40.07              |
| <b>RENEW WIND ENERGY<br/>AP2</b>                       | Gujarat           | Private                                   | IPP   | Wind  | 300               | 106.46              | 47.70              |
| <b>Western Region</b>                                  |                   |                                           |       |       | <b>3000</b>       | <b>845.74</b>       |                    |
| <b>GREEN INFRA</b>                                     | Tamil<br>Nadu     | Private                                   | IPP   | Wind  | 250               | 89.74               | 48.25              |
| <b>ORANGE</b>                                          | Tamil<br>Nadu     | Private                                   | IPP   | Wind  | 200               | 73.93               | 49.68              |
| <b>MYTRA</b>                                           | Tamil<br>Nadu     | Private                                   | IPP   | Wind  | 250               | 74.76               | 40.19              |
| <b>BETAM (TITUCORIN)</b>                               | Tamil<br>Nadu     | Private                                   | IPP   | Wind  | 250               | 83.34               | 44.81              |
| <b>SPRNG RENEWABLE<br/>ENERFY PVT<br/>LTD(PUGALUR)</b> | Tamil<br>Nadu     | Private                                   | IPP   | Wind  | 240               | 92.11               | 51.59              |
| <b>Southern Region</b>                                 |                   |                                           |       |       | <b>1190</b>       | <b>413.88</b>       |                    |
| <b>Total</b>                                           |                   |                                           |       |       | <b>7295</b>       | <b>1919.03</b>      |                    |

Table 10 Renewable Energy Generation by CPSU Owned stations

| Renewable Energy Generation Data (CPSU Wise) for August 2021 |                 |                         |             |                        |                            |                  |
|--------------------------------------------------------------|-----------------|-------------------------|-------------|------------------------|----------------------------|------------------|
| CPSU                                                         | State           | Installed Capacity (MW) | Source      | Actual Generation (MU) | Cumulative Generation (MU) | Monthly CUF ( %) |
|                                                              |                 |                         |             | August 2021            | April 2021 to August 2021  |                  |
| NTPC                                                         |                 |                         |             |                        |                            |                  |
| NTPC Faridabad_Solar                                         | Haryana         | 5                       | Solar       | 0.59                   | 3.01                       | 16.42            |
| NTPC Bhadla                                                  | Rajasthan       | 260                     | Solar       | 39.04                  | 193.96                     | 20.85            |
| NTPC Dadri_Solar                                             | Uttar Pradesh   | 5                       | Solar       | 0.52                   | 2.95                       | 14.44            |
| NTPC Unchahar _Solar                                         | Uttar Pradesh   | 10                      | Solar       | 0.97                   | 5.36                       | 13.47            |
| NTPC Singrauli _Solar                                        | Uttar Pradesh   | 15                      | Solar       | 1.62                   | 8.47                       | 15.00            |
| NTPC Auraiya                                                 | Uttar Pradesh   | 20                      | Solar       | 2.58                   | 14.62                      | 17.92            |
| NTPC Singrauli _SH                                           | Uttar Pradesh   | 8                       | Small Hydro | 1.02                   | 13.71                      | 17.77            |
| NTPC Rojmal                                                  | Gujarat         | 50                      | Wind        | 10.13                  | 49.93                      | 28.15            |
| NTPC Rajgarh _Solar                                          | Madhya Pradesh  | 50                      | Solar       | 4.12                   | 30.14                      | 11.45            |
| NTPC Mandsaur                                                | Madhya Pradesh  | 250                     | Solar       | 22.44                  | 157.53                     | 12.47            |
| NTPC Anantapuram                                             | Andhra Pradesh  | 250                     | Solar       | 28.02                  | 161.59                     | 15.57            |
| NTPC Ramagundam                                              | Telangana       | 10                      | Solar       | 0.89                   | 5.12                       | 12.36            |
| NTPC Andaman Nicobar                                         | Andaman Nicobar | 5                       | Solar       | 0.42                   | 2.10                       | 11.67            |
| NTPC Talchar _Solar                                          | Orissa          | 10                      | Solar       | 1.05                   | 5.62                       | 14.62            |
| NTPC Solar_Bilhaur *                                         | Uttar Pradesh   | 225                     | Solar       | 35.16                  | 195.39                     | 21.70            |
| Simhadri Floating Project                                    | Andhra Pradesh  | 25                      |             | 1.70                   | 2.51                       | 9.44             |
| Total NTPC                                                   |                 | 1198                    |             | 150.28                 | 852.02                     |                  |
| THDC                                                         |                 |                         |             |                        |                            |                  |
| THDC Patan Wind Power Project                                | Gujarat         | 50                      | Wind        | 9.12                   | 47.30                      | 25.33            |
| THDC Devbhumi Dwarka Wind Power Project                      | Gujarat         | 63                      | Wind        | 15.03                  | 80.24                      | 33.13            |
| THDC Solar Kasaragod                                         | Kerala          | 50                      | Solar       | 6.35                   | 30.08                      | 17.64            |
| THDCIL's premises at Rishikesh                               | Uttarakhand     | 0.5                     | Solar       | 0.03                   | 0.15                       | 8.89             |
| THDC Dhukwan SHEP Jhansi,UP                                  | Uttar Pradesh   | 24                      | Small Hydro | 7.57                   | 13.73                      | 43.81            |
| Total THDC                                                   |                 | 187.5                   |             | 38.10                  | 171.50                     |                  |
| NHPC                                                         |                 |                         |             |                        |                            |                  |
| NHPC Wind Power Project                                      | Rajasthan       | 50                      | Wind        | 11.22                  | 49.35                      | 31.15            |
| NHPC Solar Power Project                                     | Tamilnadu       | 50                      | Solar       | 7.15                   | 38.58                      | 19.85            |
| Total NHPC                                                   |                 | 100                     |             | 18.36                  | 87.93                      |                  |
| ONGC                                                         |                 |                         |             |                        |                            |                  |
| ONGC Wind, Bhuj                                              | Gujarat         | 51.00                   | Wind        | 12.13                  | 59.88                      | 33.03            |
| ONGC Wind, Jaisalmer                                         | Rajasthan       | 102.00                  | Wind        | 22.49                  | 98.54                      | 30.62            |

Renewable Energy Generation Data (CPSU Wise) for August 2021

|                                              |                |         |             |        |         |       |
|----------------------------------------------|----------------|---------|-------------|--------|---------|-------|
| ONGC Solar, Goa                              | Goa            | 1.00    | Solar       | 0.11   | 0.54    | 15.69 |
| ONGC Solar, Hazira                           | Gujarat        | 10.00   | Solar       | 0.99   | 6.08    | 13.78 |
| ONGC Solar, Ankleshwar                       | Gujarat        | 5.00    | Solar       | 0.53   | 2.95    | 14.71 |
| ONGC Solar, Rajahmundry                      | Andhra Pradesh | 1.00    | Solar       | 0.09   | 0.48    | 12.33 |
| ONGS Solar, SPP of Assam                     | Assam          | 1.09    | Solar       | 0.11   | 0.53    | 14.38 |
| ONGC Solar, SPP of Tati paka, Rajahmundry    | Andhra Pradesh | 5.00    | Solar       | 0.00   | 0.54    | 0.00  |
| ONGC Solar, Rooftop (RTS) Gujarat            | Gujarat        | 4.23    | Solar       | 0.39   | 2.27    | 12.71 |
| ONGC Solar, Assam (RTS)                      | Assam          | 1.65    | Solar       | 0.12   | 0.68    | 10.52 |
| ONGC Solar, Uttarakhand (RTS)                | Uttarakhand    | 1.24    | Solar       | 0.07   | 0.60    | 7.97  |
| ONGC Solar, Agartala asset                   | Tripura        | 0.25    | Solar       | 0.02   | 0.12    | 13.43 |
| ONGC Solar, Mumbai (Uran & NBP green height) | Maharashtra    | 0.29    | Solar       | 0.00   | 0.00    | 0.32  |
| ONGC Solar, Cauvery Assest Karaikal          | Maharashtra    | 0.07    | Solar       | 0.01   | 0.04    | 18.60 |
| ONGC Solar, DDU Bhawan, (Under Maintenance)  | Goa            | 0.25    | Solar       | 0.00   | 0.00    | 0.00  |
| Total ONGC                                   |                | 184.05  |             | 37.07  | 173.26  |       |
| <b>SJVN Limited</b>                          |                |         |             |        |         |       |
| Khirvire Wind Power                          | Maharashtra    | 47.6    | Wind        | 5.35   | 30.65   | 15.60 |
| Sadla Wind Power                             | Gujarat        | 50      | Solar       | 8.72   | 54.55   | 24.23 |
| Charanka Solar Power                         | Gujarat        | 5.6     | Solar       | 0.64   | 3.48    | 15.87 |
| Total SJVN                                   |                | 103.2   |             | 14.71  | 88.69   |       |
| <b>Oil India Ltd</b>                         |                |         |             |        |         |       |
| Oil India Ltd                                | Rajasthan      | 14      | Solar       | 2.17   | 10.46   | 21.53 |
| Oil India Ltd                                | Rajasthan      | 67.6    | Wind        | 11.72  | 49.49   | 24.08 |
| Oil India Ltd                                | Gujarat        | 43.3    | Wind        | 8.82   | 44.04   | 28.30 |
| Oil India Ltd                                | Madhya Pradesh | 63.2    | Wind        | 15.30  | 71.49   | 33.62 |
| Total Oil India Ltd                          |                | 188.1   |             | 38.01  | 175.48  |       |
| <b>NEEPCO</b>                                |                |         |             |        |         |       |
| NEEPCO                                       | Tripura        | 5       | Solar       | 0.31   | 2.28    | 8.69  |
| <b>DVC</b>                                   |                |         |             |        |         |       |
| DVC                                          | West Bengal    | 0.078   | Solar       | 0.01   | 0.05    | 16.92 |
| DVC                                          | Jharkhand      | 4       | Small Hydro | 2.75   | 6.91    | 45.63 |
| DVC Total                                    |                | 4.078   |             | 2.76   | 6.96    |       |
| All India Total                              |                | 1954.93 |             | 299.61 | 1558.14 |       |

Generation of CPSU owned RE generating stations is shown in respective state according to physical location so their generation should not be considered additional generation.

( As Available on SLDCs web site or informed furnished by respective SLDC)

Table 11 RE Curtailment Data as available from SLDCs

| Renewable Energy Curtailment for the month of August -2021 |                |                  |                                                                                                                                                                     |
|------------------------------------------------------------|----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S.No.                                                      | States         | Curtailment (MU) | Source                                                                                                                                                              |
| 1.                                                         | Andhra Pradesh |                  | APTRANSCO Website-<br><a href="http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx">http://apps.aptransco.co.in/sldcreports/forms/BackDownWind.aspx</a> |
| 2.                                                         | Telangana      | 0                | Information furnished by SLDC, TSTransco through email.                                                                                                             |
| 3.                                                         | Tamil Nadu     | -                | No information is available on website.                                                                                                                             |
| 4.                                                         | Karnataka      | 0                | SLDC, KPTCL Website-<br><a href="http://kptclsldc.com/recurtail.aspx">http://kptclsldc.com/recurtail.aspx</a>                                                       |
| 5.                                                         | Maharashtra    | -                | No information is available on website.                                                                                                                             |
| 6.                                                         | Gujarat        | -                | No information is available on website.                                                                                                                             |
| 7.                                                         | Rajasthan      | —                | SLDC, RRVPNL Website-<br><a href="https://sldc.rajasthan.gov.in/mis/monthlyReDsmReports">https://sldc.rajasthan.gov.in/mis/monthlyReDsmReports</a>                  |
| 8.                                                         | Madhya Pradesh | —                | SLDC, MP Power Transmission Corporation Ltd.- <a href="http://223.31.122.117/mpsldc/RE_DATA">http://223.31.122.117/mpsldc/RE_DATA</a>                               |

Table 12 Deviation Data for ISGS

| Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2021 |        |               |            |                                    |
|-----------------------------------------------------------------------------------------------------|--------|---------------|------------|------------------------------------|
| Station                                                                                             | Source | Schedule (MU) | Actual(MU) | Deviation (Actual-Schedule) in MU. |
| <b>Northern Region</b>                                                                              |        |               |            |                                    |
| ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR                                                     | Solar  | 25.32         | 24.41      | -0.91                              |
| AURAIYA SOLAR                                                                                       | Solar  | 2.85          | 2.65       | -0.20                              |
| ACME CHITTORGARH ENERGY PVT LTD                                                                     | Solar  | 48.69         | 53.57      | 4.88                               |
| AZURE FORTY THREE PVT LTD                                                                           | Solar  | 77.47         | 82.31      | 4.84                               |
| AZURE SOLAR                                                                                         | Solar  | 37.35         | 39.00      | 1.65                               |
| AZURE SOLAR THIRTY FOUR                                                                             | Solar  | 29.33         | 29.57      | 0.24                               |
| M/S ADANI SOLAR ENERGY JODHPUR TWO LTD                                                              | Solar  | 11.39         | 11.94      | 0.55                               |
| CLEAN SOLAR POWER(BHADLA) PVT LTD.                                                                  | Solar  | 66.07         | 64.83      | -1.24                              |
| DADRI SOLAR                                                                                         | Solar  | 0.61          | 0.52       | -0.09                              |
| EDEN RENEWABLE CITE PRIVATE LIMITED                                                                 | Solar  | 25.91         | 26.13      | 0.22                               |
| KILAJ SOLAR (MAHARASHTRA) PVT LTD.                                                                  | Solar  | 11.29         | 11.72      | 0.43                               |
| MAHINDRA RENEWABLE PRIVATE LIMITED                                                                  | Solar  | 46.40         | 46.59      | 0.19                               |
| MAHOBA SOLAR                                                                                        | Solar  | 48.36         | 44.65      | -3.71                              |
| RENEW SOLAR                                                                                         | Solar  | 11.05         | 11.51      | 0.46                               |
| RENEW SOLAR POWER LTD PVT BIKANER                                                                   | Solar  | 52.03         | 54.43      | 2.40                               |
| RENEW SUN WAVES PRIVATE LIMITED                                                                     | Solar  | 17.87         | 17.33      | -0.54                              |
| SB ENERGY                                                                                           | Solar  | 45.45         | 44.93      | -0.52                              |
| SB ENERGY SIX PVT LTD                                                                               | Solar  | 66.51         | 65.94      | -0.57                              |
| SBSR POWER CLEANTECH ELEVEN PRIVATE LIMITED                                                         | Solar  | 3.27          | 3.17       | -0.10                              |
| SINGRAULI SOLAR                                                                                     | Solar  | 1.51          | 1.54       | 0.03                               |
| TATA POWER RENEWABLE                                                                                | Solar  | 50.36         | 46.41      | -3.95                              |
| UNCHAHAH SOLAR                                                                                      | Solar  | 0.94          | 0.85       | -0.09                              |
| <b>Western Region</b>                                                                               |        |               |            |                                    |
| ACME SOLAR (RAMNAGAR)                                                                               | Solar  | 34.88         | 34.59      | -0.29                              |
| ADANI GREEN ENERGY MP LTD                                                                           | Wind   | 153.20        | 158.72     | 5.52                               |
| ALFANAR WIND                                                                                        | Wind   | 98.79         | 97.86      | -0.93                              |
| ARINSUN SOLAR (BARSAITADESH)                                                                        | Solar  | 35.24         | 33.12      | -2.12                              |
| GREEN INFRA WIND ENERGY LIMITED SECI 2                                                              | Wind   | 84.31         | 79.73      | -4.58                              |
| GREEN INFRA WIND ENERGY LIMITED SECI 3                                                              | Wind   | 89.14         | 84.61      | -4.53                              |
| INOX WIND                                                                                           | Wind   | 70.35         | 69.23      | -1.12                              |
| MAHINDRA SOLAR (BADWAR)                                                                             | Solar  | 34.94         | 34.11      | -0.83                              |
| OSTRO -KUTCH                                                                                        | Wind   | 78.93         | 74.53      | -4.40                              |
| RENEW WIND ENERGY AP2                                                                               | Wind   | 106.81        | 106.46     | -0.35                              |
| RENEW POWER                                                                                         | Solar  | 73.83         | 72.78      | -1.05                              |

| Deviation Settlement Mechanism(DSM) of Renewable Energy (ISGS) project for the Month of August 2021 |        |               |            |                                    |
|-----------------------------------------------------------------------------------------------------|--------|---------------|------------|------------------------------------|
| Station                                                                                             | Source | Schedule (MU) | Actual(MU) | Deviation (Actual-Schedule) in MU. |
| BEETAM                                                                                              | Wind   | 82.37         | 83.34      | 0.97                               |
| GIREL                                                                                               | Wind   | 91.66         | 89.74      | -1.92                              |
| MYTRAH                                                                                              | Wind   | 78.18         | 74.76      | -3.42                              |
| ORANGE                                                                                              | Wind   | 71.19         | 73.93      | 2.74                               |
| SPRNG RENEWABLE ENERGY PVT LTD(PUGALUR)                                                             | Wind   | 93.67         | 92.11      | -1.56                              |

+ve Deviation Means Actual generation is greater than Schedule Generation.

Table 13 Fossil and Non-Fossil Generation

| Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of August 2021 |                 |                |                |                 |                  |                 |                                     |
|--------------------------------------------------------------------------------------------|-----------------|----------------|----------------|-----------------|------------------|-----------------|-------------------------------------|
| State/UT                                                                                   | Fossil          |                | Non Fossil     |                 |                  | Grand Total     | Non Fossil as % of Total Generation |
|                                                                                            | Thermal         | Gas            | Nuclear        | Hydro (Large)   | Renewable Energy |                 |                                     |
| Chandigarh                                                                                 | 0.00            | 0.00           | 0.00           | 0.00            | 2.53             | 2.53            | 100.00                              |
| Delhi                                                                                      | 0.00            | 439.88         | 0.00           | 0.00            | 44.71            | 484.59          | 9.23                                |
| Haryana                                                                                    | 2074.56         | 0.00           | 11.18          | 0.00            | 86.21            | 2171.95         | 4.48                                |
| HP                                                                                         | 0.00            | 0.00           | 0.00           | 5969.37         | 328.80           | 6298.17         | 100.00                              |
| J & K                                                                                      | 0.00            | 0.00           | 0.00           | 2281.80         | 38.90            | 2320.70         | 100.00                              |
| Ladakh                                                                                     | 0.00            | 0.00           | 0.00           | 64.75           | 0.00             | 64.75           | 100.00                              |
| Punjab                                                                                     | 2748.81         | 0.00           | 0.00           | 482.49          | 350.72           | 3582.02         | 23.26                               |
| Rajasthan                                                                                  | 3786.77         | 149.31         | 575.02         | 13.37           | 2315.64          | 6840.11         | 42.46                               |
| Uttar Pradesh                                                                              | 12100.97        | 97.38          | 211.67         | 152.78          | 248.33           | 12811.13        | 4.78                                |
| Uttarakhand                                                                                | 0.00            | 164.48         | 0.00           | 1928.87         | 71.67            | 2165.02         | 92.40                               |
| Northern Region                                                                            | <b>20711.11</b> | <b>851.05</b>  | <b>797.87</b>  | <b>10893.43</b> | <b>3487.51</b>   | <b>36740.97</b> | <b>41.31</b>                        |
| Chhattisgarh                                                                               | 12312.29        | 0.00           | 0.00           | 66.99           | 197.81           | 12577.09        | 2.11                                |
| Gujarat                                                                                    | 4195.30         | 1101.25        | 293.17         | 87.56           | 2437.86          | 8115.14         | 34.73                               |
| Madhya Pradesh                                                                             | 9808.48         | 0.00           | 0.00           | 409.20          | 833.20           | 11050.88        | 11.24                               |
| Maharashtra                                                                                | 10479.41        | 519.93         | 776.08         | 454.77          | 1166.17          | 13396.36        | 17.89                               |
| Dadra and Nagar Haveli                                                                     | 0.00            | 0.00           | 0.00           | 0.00            | 3.03             | 3.03            | 100.00                              |
| Daman & Diu                                                                                | 0.00            | 0.00           | 0.00           | 0.00            | 2.99             | 2.99            | 100.00                              |
| Goa                                                                                        | 0.00            | 0.00           | 0.00           | 0.00            | 0.11             | 0.11            | 100.00                              |
| Western Region                                                                             | <b>36795.48</b> | <b>1621.18</b> | <b>1069.25</b> | <b>1018.52</b>  | <b>4641.17</b>   | <b>45145.60</b> | <b>14.90</b>                        |
| Andhra Pradesh                                                                             | 4917.15         | 201.35         | 0.00           | 420.83          | 1694.42          | 7233.75         | 29.24                               |
| Telangana                                                                                  | 4435.95         | 0.00           | 0.00           | 1237.55         | 548.11           | 6221.61         | 28.70                               |
| Karnataka                                                                                  | 2827.74         | 0.00           | 525.32         | 1341.21         | 2557.47          | 7251.74         | 61.01                               |
| Kerala                                                                                     | 0.00            | 0.00           | 0.00           | 934.92          | 164.51           | 1099.43         | 100.00                              |
| Tamil Nadu                                                                                 | 5434.54         | 149.85         | 758.63         | 579.35          | 3483.68          | 10406.05        | 46.34                               |
| Lakshadweep                                                                                | 0.00            | 0.00           | 0.00           | 0.00            | 0.02             | 0.02            | 100.00                              |
| Puducherry                                                                                 | 0.00            | 21.89          | 0.00           | 0.00            | 1.02             | 22.91           | 4.45                                |
| Southern Region                                                                            | <b>17615.38</b> | <b>373.09</b>  | <b>1283.95</b> | <b>4513.86</b>  | <b>8449.23</b>   | <b>32235.51</b> | <b>44.20</b>                        |
| Andaman Nicobar                                                                            | 7.11            | 0.00           | 0.00           | 0.00            | 3.02             | 10.13           | 29.83                               |
| Bihar                                                                                      | 3517.72         | 0.00           | 0.00           | 0.00            | 17.28            | 3535.00         | 0.49                                |
| Jharkhand                                                                                  | 2157.00         | 0.00           | 0.00           | 115.32          | 1.39             | 2273.71         | 5.13                                |
| Orissa                                                                                     | 5004.31         | 0.00           | 0.00           | 635.94          | 116.20           | 5756.45         | 13.07                               |
| Sikkim                                                                                     | 0.00            | 0.00           | 0.00           | 1767.07         | 1.03             | 1768.10         | 100.00                              |
| West Bengal                                                                                | 6348.14         | 0.00           | 0.00           | 416.77          | 156.94           | 6921.85         | 8.29                                |
| Eastern Region                                                                             | <b>17034.28</b> | <b>0.00</b>    | <b>0.00</b>    | <b>2935.10</b>  | <b>295.87</b>    | <b>20265.25</b> | <b>15.94</b>                        |
| Arunachal Pradesh                                                                          | 0.00            | 0.00           | 0.00           | 550.11          | 0.17             | 550.28          | 100.00                              |
| Assam                                                                                      | 340.51          | 276.37         | 0.00           | 104.35          | 10.31            | 731.54          | 15.67                               |
| Manipur                                                                                    | 0.00            | 0.00           | 0.00           | 77.46           | 1.11             | 78.57           | 100.00                              |
| Meghalaya                                                                                  | 0.00            | 0.00           | 0.00           | 142.45          | 4.08             | 146.53          | 100.00                              |
| Mizoram                                                                                    | 0.00            | 0.00           | 0.00           | 11.00           | 2.56             | 13.56           | 100.00                              |

**Fossil and Non Fossil (State Wise) Electricity Generation(MU) for the Month of August 2021**

| State/UT               | Fossil          |                | Non Fossil     |                 |                  | Grand Total      | Non Fossil as % of Total Generation |
|------------------------|-----------------|----------------|----------------|-----------------|------------------|------------------|-------------------------------------|
|                        | Thermal         | Gas            | Nuclear        | Hydro (Large)   | Renewable Energy |                  |                                     |
| Nagaland               | 0.00            | 0.00           | 0.00           | 23.61           | 13.88            | 37.49            | 100.00                              |
| Tripura                | 0.00            | 602.32         | 0.00           | 0.00            | 0.34             | 602.66           | 0.06                                |
| North Eastern Region   | <b>340.51</b>   | <b>878.69</b>  | <b>0.00</b>    | <b>908.98</b>   | <b>32.45</b>     | <b>2160.63</b>   | <b>43.57</b>                        |
| <b>All India Total</b> | <b>92496.76</b> | <b>3724.01</b> | <b>3151.07</b> | <b>20269.89</b> | <b>16906.23</b>  | <b>136547.96</b> | <b>29.53</b>                        |

Table 14 Renewable Energy as % of Total Electricity Generated

| RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of August 2021 |                 |                |                |                 |                  |                 |                  |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|----------------|-----------------|------------------|-----------------|------------------|
| State/UT                                                                                                                           | Thermal         | Gas            | Nuclear        | Hydro           | Renewable Energy | Grand Total     | RE as % of Total |
| Chandigarh                                                                                                                         | 0.00            | 0.00           | 0.00           | 0.00            | 2.53             | 2.53            | 100.00           |
| Delhi                                                                                                                              | 0.00            | 439.88         | 0.00           | 0.00            | 44.71            | 484.59          | 9.23             |
| Haryana                                                                                                                            | 2074.56         | 0.00           | 11.18          | 0.00            | 86.21            | 2171.95         | 3.97             |
| HP                                                                                                                                 | 0.00            | 0.00           | 0.00           | 5969.37         | 328.80           | 6298.17         | 5.22             |
| J & K                                                                                                                              | 0.00            | 0.00           | 0.00           | 2281.80         | 38.90            | 2320.70         | 1.68             |
| Ladakh                                                                                                                             | 0.00            | 0.00           | 0.00           | 64.75           | 0.00             | 64.75           | 0.00             |
| Punjab                                                                                                                             | 2748.81         | 0.00           | 0.00           | 482.49          | 350.72           | 3582.02         | 9.79             |
| Rajasthan                                                                                                                          | 3786.77         | 149.31         | 575.02         | 13.37           | 2315.64          | 6840.11         | 33.85            |
| Uttar Pradesh                                                                                                                      | 12100.97        | 97.38          | 211.67         | 152.78          | 248.33           | 12811.13        | 1.94             |
| Uttarakhand                                                                                                                        | 0.00            | 164.48         | 0.00           | 1928.87         | 71.67            | 2165.02         | 3.31             |
| <b>Northern Region</b>                                                                                                             | <b>20711.11</b> | <b>851.05</b>  | <b>797.87</b>  | <b>10893.43</b> | <b>3487.51</b>   | <b>36740.97</b> | <b>9.49</b>      |
| Chhattisgarh                                                                                                                       | 12312.29        | 0.00           | 0.00           | 66.99           | 197.81           | 12577.09        | 1.57             |
| Gujarat                                                                                                                            | 4195.30         | 1101.25        | 293.17         | 87.56           | 2437.86          | 8115.14         | 30.04            |
| Madhya Pradesh                                                                                                                     | 9808.48         | 0.00           | 0.00           | 409.20          | 833.20           | 11050.88        | 7.54             |
| Maharashtra                                                                                                                        | 10479.41        | 519.93         | 776.08         | 454.77          | 1166.17          | 13396.36        | 8.71             |
| Dadra and Nagar Haveli                                                                                                             | 0.00            | 0.00           | 0.00           | 0.00            | 3.03             | 3.03            | 100.00           |
| Daman & Diu                                                                                                                        | 0.00            | 0.00           | 0.00           | 0.00            | 2.99             | 2.99            | 100.00           |
| Goa                                                                                                                                | 0.00            | 0.00           | 0.00           | 0.00            | 0.11             | 0.11            | 100.00           |
| <b>Western Region</b>                                                                                                              | <b>36795.48</b> | <b>1621.18</b> | <b>1069.25</b> | <b>1018.52</b>  | <b>4641.17</b>   | <b>45145.60</b> | <b>10.28</b>     |
| Andhra Pradesh                                                                                                                     | 4917.15         | 201.35         | 0.00           | 420.83          | 1694.42          | 7233.75         | 23.42            |
| Telangana                                                                                                                          | 4435.95         | 0.00           | 0.00           | 1237.55         | 548.11           | 6221.61         | 8.81             |
| Karnataka                                                                                                                          | 2827.74         | 0.00           | 525.32         | 1341.21         | 2557.47          | 7251.74         | 35.27            |
| Kerala                                                                                                                             | 0.00            | 0.00           | 0.00           | 934.92          | 164.51           | 1099.43         | 14.96            |
| Tamil Nadu                                                                                                                         | 5434.54         | 149.85         | 758.63         | 579.35          | 3483.68          | 10406.05        | 33.48            |
| Lakshadweep                                                                                                                        | 0.00            | 0.00           | 0.00           | 0.00            | 0.02             | 0.02            | 100.00           |
| Puducherry                                                                                                                         | 0.00            | 21.89          | 0.00           | 0.00            | 1.02             | 22.91           | 4.45             |
| <b>Southern Region</b>                                                                                                             | <b>17615.38</b> | <b>373.09</b>  | <b>1283.95</b> | <b>4513.86</b>  | <b>8449.23</b>   | <b>32235.51</b> | <b>26.21</b>     |
| Andaman Nicobar                                                                                                                    | 7.11            | 0.00           | 0.00           | 0.00            | 3.02             | 10.13           | 29.83            |
| Bihar                                                                                                                              | 3517.72         | 0.00           | 0.00           | 0.00            | 17.28            | 3535.00         | 0.49             |
| Jharkhand                                                                                                                          | 2157.00         | 0.00           | 0.00           | 115.32          | 1.39             | 2273.71         | 0.06             |
| Orissa                                                                                                                             | 5004.31         | 0.00           | 0.00           | 635.94          | 116.20           | 5756.45         | 2.02             |
| Sikkim                                                                                                                             | 0.00            | 0.00           | 0.00           | 1767.07         | 1.03             | 1768.10         | 0.06             |
| West Bengal                                                                                                                        | 6348.14         | 0.00           | 0.00           | 416.77          | 156.94           | 6921.85         | 2.27             |
| <b>Eastern Region</b>                                                                                                              | <b>17034.28</b> | <b>0.00</b>    | <b>0.00</b>    | <b>2935.10</b>  | <b>295.87</b>    | <b>20265.25</b> | <b>1.46</b>      |
| Arunachal Pradesh                                                                                                                  | 0.00            | 0.00           | 0.00           | 550.11          | 0.17             | 550.28          | 0.03             |
| Assam                                                                                                                              | 340.51          | 276.37         | 0.00           | 104.35          | 10.31            | 731.54          | 1.41             |
| Manipur                                                                                                                            | 0.00            | 0.00           | 0.00           | 77.46           | 1.11             | 78.57           | 1.42             |
| Meghalaya                                                                                                                          | 0.00            | 0.00           | 0.00           | 142.45          | 4.08             | 146.53          | 2.78             |
| Mizoram                                                                                                                            | 0.00            | 0.00           | 0.00           | 11.00           | 2.56             | 13.56           | 18.87            |

**RE Generation as proportion of Total Electricity generation(MU) -Physical location wise. (State Wise) for the Month of August 2021**

| State/UT                    | Thermal         | Gas            | Nuclear        | Hydro           | Renewable Energy | Grand Total      | RE as % of Total |
|-----------------------------|-----------------|----------------|----------------|-----------------|------------------|------------------|------------------|
| <b>Nagaland</b>             | 0.00            | 0.00           | 0.00           | 23.61           | 13.88            | 37.49            | 37.03            |
| <b>Tripura</b>              | 0.00            | 602.32         | 0.00           | 0.00            | 0.34             | 602.66           | 0.06             |
| <b>North Eastern Region</b> | <b>340.51</b>   | <b>878.69</b>  | <b>0.00</b>    | <b>908.98</b>   | <b>32.45</b>     | <b>2160.63</b>   | <b>1.50</b>      |
| <b>All India Total</b>      | <b>92496.76</b> | <b>3724.01</b> | <b>3151.07</b> | <b>20269.89</b> | <b>16906.23</b>  | <b>136547.96</b> | <b>12.38</b>     |

## RENEWABLE ENERGY TO TRANSPORT SECTOR :

Table 15 REWA Solar To Delhi Metro

| From Rewa Solar Park (MP) to DMRC   |               |      |       |              |
|-------------------------------------|---------------|------|-------|--------------|
|                                     | Delhi Discoms |      |       |              |
| Month                               | BRPL          | BYPL | TPDDL | Total ( MUs) |
| April ,2021                         | 11.51         | 5.65 | 5.42  | 22.57        |
| May ,2021                           | 3.01          | 1.01 | 1.25  | 5.27         |
| June ,2021                          | 12.32         | 6.69 | 6.40  | 25.41        |
| July ,2021                          | 17.00         | 9.34 | 8.36  | 34.70        |
| August ,2021                        | 16.68         | 9.24 | 8.43  | 34.35        |
| All figures at Delhi PP in MUs      |               |      |       |              |
| DMRC : Delhi Metro Rail Corporation |               |      |       |              |

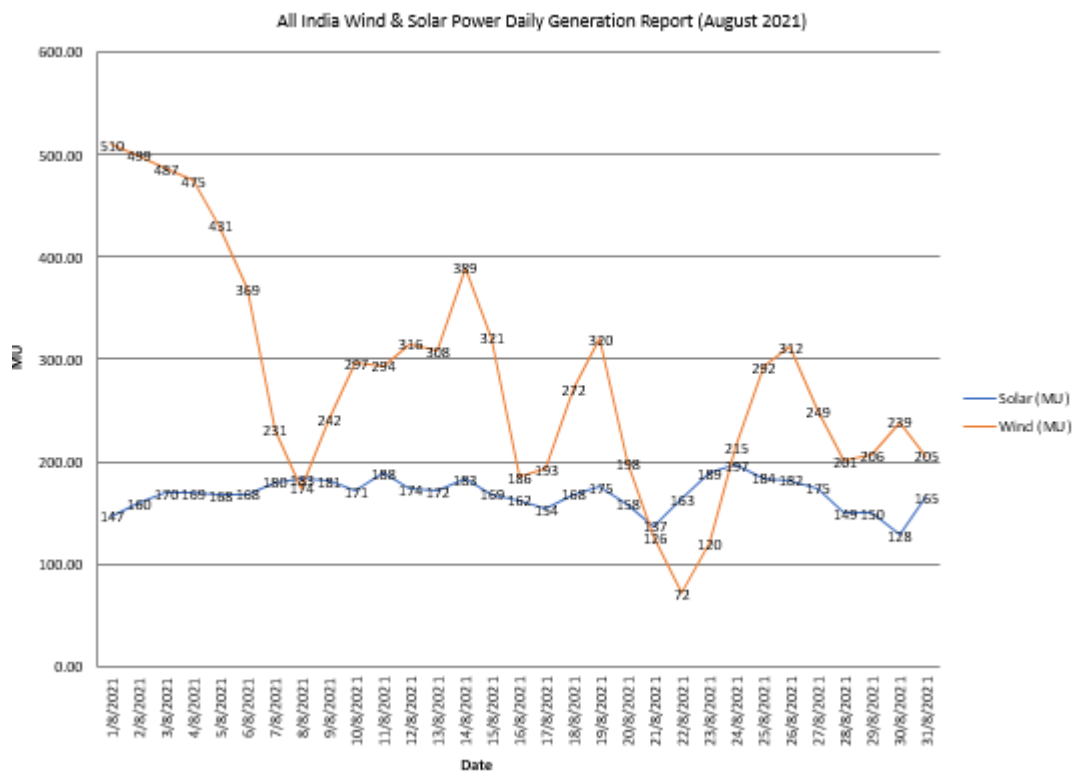


Figure 19 Daily Solar and wind Power Generation trend in the month of August -21



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