

| Central Electricity Authority/ केन्द्रीय विद्युत प्राधिकरण                           |   |                           |   |               |  |                              |   |                 |
|--|---|---------------------------|---|---------------|--|------------------------------|---|-----------------|
| Renewable Energy Project Monitoring Division/ नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग |   |                           |   |               |  |                              |   |                 |
| Daily Renewable Generation Report/ दैनिक अक्षय ऊर्जा रिपोर्ट                         |   |                           |   |               |  |                              |   |                 |
| राज्य/State/क्षेत्र / Region   | 9 जनवरी,2020 /January,2020                |                           |   |               | ऑकड़े मिलियन यूनिट नेट / Figures in MU net |                              |   |                 |
|  | Cumulative Generation during January 2020 |                           |   |               |  |                              |   |                 |
|  | पवन<br>ऊर्जा/Wind<br>Energy               | सौर ऊर्जा/Solar<br>Energy | अन्य ऊर्जा/Others<br>RES<br>(Biomass,Bagasse,<br>Small Hydro &<br>Others) | कुल/Total     | पवन<br>ऊर्जा/Wind<br>Energy                | सौर<br>ऊर्जा/Solar<br>Energy | अन्य ऊर्जा/Others<br>RES<br>(Biomass,Bagasse,<br>Small Hydro &<br>Others) | कुल/Total       |
| चंडीगढ़/ Chandigarh  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| दिल्ली / Delhi   | 0.00                                      | 0.00                      | 0.31  | 0.31          | 0.00                                       | 0.00                         | 4.16  | 4.16            |
| हरियाणा / Haryana  | 0.00                                      | 0.07                      | 0.76  | 0.83          | 0.00                                       | 0.63                         | 7.96  | 8.59            |
| हिमाचल प्रदेश / Himachal Pradesh   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 23.86   | 23.86           |
| जम्मू कश्मीर / Jammu & Kashmir   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| पंजाब / Punjab   | 0.00                                      | 2.84                      | 1.05  | 3.89          | 0.00                                       | 15.05                        | 9.45  | 24.50           |
| राजस्थान / Rajasthan   | 12.22                                     | 15.21                     | 4.45  | 31.88         | 118.86                                     | 92.78                        | 42.82   | 254.46          |
| उत्तर प्रदेश / Uttar Pradesh   | 0.00                                      | 2.96                      | 21.60   | 24.56         | 0.00                                       | 24.68                        | 194.40  | 219.08          |
| उत्तराखंड / Uttarakhand  | 0.00                                      | 0.35                      | 0.15  | 0.50          | 0.00                                       | 3.11                         | 6.57  | 9.68            |
| <b>उत्तरी क्षेत्र / Northern Region</b>  | <b>12.22</b>                              | <b>21.43</b>              | <b>28.32</b>  | <b>61.97</b>  | <b>118.86</b>                              | <b>136.25</b>                | <b>289.22</b>   | <b>544.33</b>   |
| छत्तीसगढ़ / Chhattisgarh   | 0.00                                      | 0.40                      | 0.00  | 0.40          | 0.00                                       | 3.40                         | 0.00  | 3.40            |
| गुजरात / Gujarat   | 44.60                                     | 11.30                     | 0.50  | 56.40         | 271.30                                     | 78.00                        | 4.10  | 353.40          |
| मध्य प्रदेश / Madhya Pradesh   | 15.60                                     | 7.60                      | 1.10  | 24.30         | 72.30                                      | 48.00                        | 9.00  | 129.30          |
| महाराष्ट्र / Maharashtra   | 7.90                                      | 5.90                      | 0.00  | 13.80         | 93.00                                      | 45.90                        | 0.00  | 138.90          |
| दमन और दिउ / Daman & Diu   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| दादर व नगर हवेली / Dadra & Nagar Haveli  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| गोवा / Goa   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| <b>पश्चिमी क्षेत्र / Western Region</b>  | <b>68.10</b>                              | <b>25.20</b>              | <b>1.60</b>   | <b>94.90</b>  | <b>436.60</b>                              | <b>175.30</b>                | <b>13.10</b>  | <b>625.00</b>   |
| आन्ध्र प्रदेश / Andhra Pradesh   | 6.19                                      | 9.93                      | 0.00  | 16.12         | 61.56                                      | 75.11                        | 0.00  | 136.67          |
| तेलंगाना / Telangana   | 0.40                                      | 13.00                     | 0.00  | 13.40         | 5.95                                       | 120.46                       | 0.00  | 126.41          |
| कर्नाटक / Karnataka  | 6.65                                      | 41.25                     | 13.76   | 61.66         | 115.18                                     | 329.51                       | 122.46  | 567.15          |
| केरल / Kerala  | 0.21                                      | 0.27                      | 0.00  | 0.48          | 1.90                                       | 2.09                         | 0.00  | 3.99            |
| तमिल नाडु / Tamil Nadu   | 8.52                                      | 16.15                     | 0.00  | 24.67         | 89.23                                      | 122.72                       | 0.00  | 211.95          |
| पुदुचेरी / Puducherry  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| <b>दक्षिणी क्षेत्र / Southern Region</b>   | <b>21.97</b>                              | <b>80.60</b>              | <b>13.76</b>  | <b>116.33</b> | <b>273.82</b>                              | <b>649.89</b>                | <b>122.46</b>   | <b>1,046.17</b> |
| बिहार / Bihar  | 0.00                                      | 0.00                      | 0.17  | 0.17          | 0.00                                       | 0.00                         | 2.78  | 2.78            |
| दामोदर घाटी निगम / DVC   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| झारखण्ड / Jharkhand  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| ओडिशा/ Odisha  | 0.00                                      | 0.00                      | 0.89  | 0.89          | 0.00                                       | 0.00                         | 8.09  | 8.09            |
| पश्चिम बंगाल / West Bengal   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| सिक्किम / Sikkim   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| <b>पूर्वी क्षेत्र/ Eastern Region</b>  | <b>0.00</b>                               | <b>0.00</b>               | <b>1.06</b>   | <b>1.06</b>   | <b>0.00</b>                                | <b>0.00</b>                  | <b>10.87</b>  | <b>10.87</b>    |
| अरुणाचल प्रदेश / Arunachal Pradesh   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| असम / Assam  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| मणिपुर / Manipur   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| मेघालय / Meghalaya   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| मिज़ोरम / Mizoram  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| नागालैंड / Nagaland  | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| त्रिपुरा / Tripura   | 0.00                                      | 0.00                      | 0.00  | 0.00          | 0.00                                       | 0.00                         | 0.00  | 0.00            |
| <b>उत्तर-पूर्वी क्षेत्र / North-Eastern Region</b>                                   | <b>0.00</b>                               | <b>0.00</b>               | <b>0.00</b>   | <b>0.00</b>   | <b>0.00</b>                                | <b>0.00</b>                  | <b>0.00</b>   | <b>0.00</b>     |
| <b>Total Daily RE Generation (States)</b>  | <b>102.29</b>                             | <b>127.23</b>             | <b>44.74</b>  | <b>274.26</b> | <b>829.28</b>                              | <b>961.44</b>                | <b>435.65</b>   | <b>2,226.37</b> |
| <b>Total Daily RE generation from ISGS (from Page-2)</b>                             | 11.74                                     | 16.32                     | 0.00  | <b>28.06</b>  | 87.49                                      | 102.71                       | 0.00  | <b>190.20</b>   |
| <b>सम्पूर्ण भारत / All India</b>   | <b>114.03</b>                             | <b>143.55</b>             | <b>44.74</b>  | <b>302.32</b> | <b>916.77</b>                              | <b>1,064.15</b>              | <b>435.65</b>   | <b>2,416.57</b> |

\* The data from other RES (like Biomass, Bagasse, Small Hydro) is not complete and complete data for other RES is being received as part of monthly report only.

|  |        |
|--|--------|
| Savings During the Day :-                                  |        |
| Wind (MU)  | 114.03 |
| Solar (MU)   | 143.55 |
| Total (Wind+Solar) (MU)                                    | 257.58 |
| *(A) Co2 emission reduction @ 0.935 t Co2 per MWh (t Co2)  | 240837 |
| ** (B) Coal consumption avoided @ 0.636 kg/kWh (Tonne)     | 163821 |
| *** (C) Saving in Water consumption @ 3.25 KL per MWh (KL) | 837135 |

\* Based on Co2 Baseline data base for Indian power sectpr version 14.0 Dec'2018.

\*\* Based on 2018-19 data for coal consumption and generation fome coal based generation station.

\*\*\* Based on MoEF norm for specific water consumption (Average of norms for old & new power plants taken)

| Central Electricity Authority/ केन्द्रीय विद्युत प्राधिकरण                           |                |                                   |       |       |                    |                      |   |
|--|----------------|-----------------------------------|-------|-------|--------------------|----------------------|---|
| Renewable Energy Project Monitoring Division/ नवीकरणीय ऊर्जा परियोजना प्रबंधन प्रभाग |                |                                   |       |       |                    |                      |   |
| Daily Renewable Generation Report (ISGS)/ दैनिक अक्षय ऊर्जा रिपोर्ट (ISGS)           |                |                                   |       |       |                    |                      |   |
| Station  | State/ Region  | Sector<br>(Central/State/Private) | Owner | Type  | 09-Jan-20          |                      | Cumulative<br>Generation during<br>January 2020 |
|  |                |                                   |       |       | Installed Capacity | Actual<br>Generation |   |
|  |                |                                   |       |       | (MW)               | (MU)                 | (MU)  |
| DADRI SOLAR  | Uttar Pradesh  | Central                           | NTPC  | Solar | 5                  | 0.01                 | 0.07  |
| SINGRAULI SOLAR  | Uttar Pradesh  | Central                           | NTPC  | Solar | 15                 | 0.06                 | 0.37  |
| UNCHAHAHAR SOLAR   | Uttar Pradesh  | Central                           | NTPC  | Solar | 10                 | 0.02                 | 0.11  |
| MAHOBA SOLAR (UP) PRIVATE LTD  | Rajasthan      | Private                           | IPP   | Solar | 200                | 1.47                 | 8.82  |
| ACME CHITTORGARH ENERGY PVT LTD.   | Rajasthan      | Private                           | IPP   | Solar | 250                | 1.30                 | 7.42  |
| AZURE POWER INDIA PVT LTD  | Rajasthan      | Private                           | IPP   | Solar | 200                | 1.33                 | 7.60  |
| AZURE POWER THIRTY FOUR PRIVATE LTD  | Rajasthan      | Private                           | IPP   | Solar | 130                | 0.94                 | 5.88  |
| CLEAN SOLAR POWER (BHADLA) PVT LTD   | Rajasthan      | Private                           | IPP   | Solar | 300                | 0.96                 | 5.42  |
| RENEW SOLAR POWER PVT LTD  | Rajasthan      | Private                           | IPP   | Solar | 50                 | 0.35                 | 2.04  |
| RENEW SOLAR POWER PVT LTD. BIKANER   | Rajasthan      | Private                           | IPP   | Solar | 250                | 1.52                 | 9.23  |
| SB ENERGY FOUR PVT LTD   | Rajasthan      | Private                           | IPP   | Solar | 200                | 1.44                 | 9.26  |
| TATA POWER RENEWABLE ENERGY LTD  | Rajasthan      | Private                           | IPP   | Solar | 150                | 1.08                 | 6.94  |
| <b>Northern Region</b>   |                |                                   |       |       | <b>1760.00</b>     | <b>10.48</b>         | <b>63.16</b>                                    |
| ACME SOLAR (RAMNAGAR)  | Madhya Pradesh | Private                           | IPP   | Solar | 250                | 1.28                 | 8.96  |
| ARINSUN SOLAR (BARSITADESH)  | Madhya Pradesh | Private                           | IPP   | Solar | 250                | 1.12                 | 7.74  |
| MAHINDRA SOLAR (BADWAR)  | Madhya Pradesh | Private                           | IPP   | Solar | 250                | 1.22                 | 8.41  |
| RENEW SOLAR (BHUVAD)   | Gujarat        | Private                           | IPP   | Solar | 250                | 2.22                 | 14.44   |
| GIWEL-II WIND (VADVA)  | Gujarat        | Private                           | IPP   | Wind  | 250                | 2.26                 | 15.73   |
| GIWEL-III WIND (NARANPAR)  | Gujarat        | Private                           | IPP   | Wind  | 300                | 2.58                 | 15.78   |
| IWISL WIND (DAYAPAR)   | Gujarat        | Private                           | IPP   | Wind  | 500                | 0.60                 | 4.69  |
| OSTRO WIND (KUTCH)   | Gujarat        | Private                           | IPP   | Wind  | 250                | 3.21                 | 22.48   |
| <b>Western Region</b>  |                |                                   |       |       | <b>2300</b>        | <b>14.49</b>         | <b>98.23</b>                                    |
| GREEN INFRA  | Tamil Nadu     | Private                           | IPP   | Wind  | 250                | 1.34                 | 12.51   |
| ORANGE   | Tamil Nadu     | Private                           | IPP   | Wind  | 200                | 0.96                 | 9.01  |
| MYTRA  | Tamil Nadu     | Private                           | IPP   | Wind  | 187                | 0.79                 | 7.29  |
| <b>Southern Region</b>   |                |                                   |       |       | <b>637</b>         | <b>3.09</b>          | <b>28.81</b>                                    |
| <b>Total Daily RE generation from ISGS (MU)</b>                                      |                |                                   |       |       | <b>4697</b>        | <b>28.06</b>         | <b>190.20</b>                                   |
| * ISGS RE Stations which are scheduled by RLDCs                                      |                |                                   |       |       |                    |                      |   |
|  |                |                                   |       |       |                    |                      |   |

## All India Wind & Solar Power Daily Generation Report (Provisional)

