



**Chhattisgarh State Renewable  
Energy Development Agency (CREDA)**



**Programme/Sector wise Physical Achievement as on 30-09-18**

Sr. No.	Sector	During the year 2017-18		During the year 2018-19 up to 30-09-18		Cumulative Achievement (as on 30-09-18)	
		Nos.	MW	Nos.	MW	Nos.	MW
<b>A.</b>	<b>Grid Connected</b>						
1	(a) Mega Scale SPV	2	100	0	0	12	176.8
	(b) Roof Top SPV	47	2.49	13	0.635	120	10.705
	<b>Total X = (a+b)</b>	<b>49</b>	<b>102.49</b>	<b>13</b>	<b>0.635</b>	<b>132</b>	<b>187.505</b>
2	(a) Biomass	1	9.8	1	9.8	24	234.59
3	(b) Small Hydro*	1	24	0	0.96	6	51.86
4	(c) Bagasse Based	0	0	0	0	1	6
	<b>Total Y = (a+b+c)</b>	<b>2</b>	<b>33.8</b>	<b>1</b>	<b>10.76</b>	<b>31</b>	<b>292.45</b>
	<b>(Total Grid Connected (A))</b>	<b>51</b>	<b>136.29</b>	<b>14</b>	<b>11.395</b>	<b>163</b>	<b>479.955</b>
<b>B.</b>	<b>Off-grid Solar PV</b>						
5	<b>Roof Top SPV Power Plant (I)</b>	921	1.5059	473	0.9685	9636	29.4744
6	<b>Solar Pumping System (II)</b>						
	(a) Irrigation	28578	111.1	5395	17.2506	41421	160.6906
	(b) Drinking	3301	2.97	1232	1.0188	8416	7.4844
	<b>Total (II) = (a)+(b)</b>	<b>31879</b>	<b>114.07</b>	<b>6627</b>	<b>18.269</b>	<b>49837</b>	<b>168.175</b>
	<b>Total Off-Grid Solar PV(I+II)</b>	<b>32800</b>	<b>115.58</b>	<b>7100</b>	<b>19.238</b>	<b>59473</b>	<b>197.649</b>
7	<b>Remote Village Electrification</b>						
	<b>(a) Through SPV Power Plant</b>						
	(i) Villages	2	0.015	0	0	557	2.523
	(ii) Majara Tola/Hamlets	5	0.028	0	0	480	2.19
	<b>Total (a) = (i)+(ii)</b>	<b>7</b>	<b>0.043</b>	<b>0</b>	<b>0</b>	<b>1037</b>	<b>4.713</b>
	<b>(b) Through Home Lighting System &amp; Laltern</b>						
	(i) Villages	220	0.7027	27	0.00227	878	2.11547
	(ii) Majara Tola/Hamlets	282	0.61061	399	2.0116	879	3.11869
	<b>Total (b) = (i)+(ii)</b>	<b>502</b>	<b>1.3133</b>	<b>426</b>	<b>2.0139</b>	<b>1757</b>	<b>5.23416</b>
	<b>Total (a+b)</b>	<b>509</b>	<b>1.3563</b>	<b>426</b>	<b>2.0139</b>	<b>2794</b>	<b>9.94716</b>
	<b>Total Off Grid Connected (B)</b>	<b>33309</b>	<b>116.93</b>	<b>7526</b>	<b>21.252</b>	<b>62267</b>	<b>207.597</b>

<b>Grand Total (A) + (B)</b>	<b>Nos.</b>	<b>MW</b>	<b>Nos.</b>	<b>MW</b>	<b>Nos.</b>	<b>MW</b>
	<b>33360</b>	<b>253.22</b>	<b>7540</b>	<b>32.647</b>	<b>62430</b>	<b>687.552</b>

Other Renewable Energy Systems		Nos.	Cu.m	Nos.	Cu.m	Nos.	Cu.m
1	Biogas*						
	(a) Domestic	1676	3352	0	0	54764	128504
	(b) Institutional	0	0	0	0	66	3275
2		<b>Nos.</b>	<b>LPD</b>	<b>Nos.</b>	<b>LPD</b>	<b>Nos.</b>	<b>LPD</b>
	Solar Water Heating System	3	1500	11	6000	3869	1944425

\* Capacity Enhanced of Gullu Small Hydro Power Plant 0.96 MW in September 2018.