



## Chhattisgarh State Renewable Energy Development Agency (CREDA)



### Programme/Sector wise Physical Achievement as on 31-12-2020

Sr. No.	Sector	During the year 2019-20		During the year 2020-21 upto 31-12-2020		Cumulative Achievement (as on 31-12-2020)	
		Nos.	MW	Nos.	MW	Nos.	MW
<b>A.</b>	<b>Grid Connected</b>						
1	(a) Mega Scale SPV	1	4.2	2	11.839	17	211.589
	(b) Roof Top SPV	49	2.6544	115	14.1839	310	28.7133
	<b>Total X = (a+b)</b>	<b>50</b>	<b>6.8544</b>	<b>117</b>	<b>26.0229</b>	<b>327</b>	<b>240.3023</b>
2	(a) Biomass	0	0	0	0	24	234.59
3	(b) Small Hydro	1	24.75	0	0	7	75.65
4	(c) Bagasse Based	0	0	0	0	4	35
	<b>Total Y = (a+b+c)</b>	<b>1</b>	<b>24.75</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>345.24</b>
	<b>(Total Grid Connected (A))</b>	<b>51</b>	<b>31.6044</b>	<b>117</b>	<b>26.0229</b>	<b>362</b>	<b>585.5423</b>
<b>B.</b>	<b>Off-grid Solar PV</b>						
5	<b>(I) Roof Top SPV Power Plant</b>	480	1.1512	615	1.0395	11385	33.6106
6	<b>(II) Solar Pumping System</b>						
	(a) Irrigation	1977	6.5046	18587	66.5277	79294	289.168
	(b) Drinking	1730	1.553	1057	0.9513	12787	11.3646
	<b>Total (II) = (a)+(b)</b>	<b>3707</b>	<b>8.0574</b>	<b>19644</b>	<b>67.479</b>	<b>92081</b>	<b>300.5326</b>
	<b>Total Off-Grid Solar PV(I+II)</b>	<b>4187</b>	<b>9.2086</b>	<b>20259</b>	<b>68.5185</b>	<b>103466</b>	<b>334.1432</b>
7	<b>Remote Village Electrification</b>						
	<b>(a) Through SPV Power Plant &amp; Home lights</b>						
	Electrification of 581 Villages	0	0	0	0	585	2.279
	<b>Total (a) =</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>585</b>	<b>2.279</b>
	<b>(b) MMT (Mukhyamantri Majratola Yojna)</b>						
	Habitation ( 3991 Households)	0	0	0	0	224	0.598
	<b>Total (b) =</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>224</b>	<b>0.598</b>
	<b>(c) DDG Scheme</b>						
	(i) SPV Power Plant in 287 Villages (Households= 31883)	0	0	0	0	632	4.11
	(ii) Home light systems in 449 Villages (Households= 28306)	...	1.4256	...	0.4094	...	4.575
	<b>Total (c) = (i)+(ii)</b>	<b>0</b>	<b>1.4256</b>	<b>0</b>	<b>0.4094</b>	<b>632</b>	<b>8.685</b>
	<b>(d) Saubhagya Yojna</b>						
	(i) SPV Power Plant in 59 Habitation (Households= 2345)	0	0	0	0	64	0.429
	(ii) Home Lighting System in Habitation (Households=62221)	...	4.412	...	0.997	...	12.444
	<b>Total(d) = (i)+(ii)</b>	<b>0</b>	<b>4.412</b>	<b>0</b>	<b>0.997</b>	<b>64</b>	<b>12.8728</b>
<b>Total (a+b+c+d)</b>	<b>0</b>	<b>5.8376</b>	<b>0</b>	<b>1.4064</b>	<b>1505</b>	<b>24.4348</b>	
<b>Total Off Grid (B)</b>	<b>4187</b>	<b>15.0462</b>	<b>20259</b>	<b>69.9249</b>	<b>104971</b>	<b>358.578</b>	

Grand Total (A) + (B)		Nos.	MW	Nos.	MW	Nos.	MW
		4238	46.6506	20376	95.9478	105333	944.1203

Other Renewable Energy Systems		Nos.	Cu.m	Nos.	Cu.m	Nos.	Cu.m
1	Biogas						
	(a) Domestic	792	1584	230	460	58281	136840
	(b) Institutional/Community	0	0	44	130	131	4205
2		Nos.	LPD	Nos.	LPD	Nos.	LPD
	Solar Water Heating System	75	34450	163	62350	4544	2177325