

## SMALL HYDRO

Description	CERC	Arunachal Pradesh	Assam	Chhattisgarh	Gujarat*	Himachal Pradesh	Haryana	J & K	Karnataka*	Kerala	Madhya Pradesh	Maharashtra	Manipur	Meghalaya	Mizoram	Nagaland	Sikkim	Tripura	Uttarakhand	JERQ(For Goa & Union Territories)	Uttar Pradesh	
<b>Regulation</b>	2020	2018	2017	2019	Order No.-6 of 2017	2017	2017	2013	2018	2015	2017	2019	2010	2014	2010	2011	2012	2015	2018	2019		
<b>Dated</b>	23.06.2020	21-4-2018	04.09.2018	29.11.2019		16.11.2017	24.07.2018	17.05.2013	14.06.2015	11.11.2015	06.07.2017	30.12.2019	31.05.2010	11.11.2014	31.05.2010	30.08.2011	28.06.2012	16.10.2015	06.09.2018	24.07.2019	25.07.2019	
<b>Last Amendment</b>	na	na	na	na	na	23.03.2020	27.08.2018	20.04.2016	na	02.10.2017	na		06.08.2014	na	08.08.2014	na	na	28.09.2016	na			
<b>Tariff Period (Yrs)</b>	35	35	35	35		40	35	5		35	35	35	35	35	35	35	35	35	35	35	35	
<b>Control Period(yrs)</b>	3	3	3	3		NA	4	5		5	5	5	5	3	5	3	3	5	5	5	5	
<b>Useful Life (Yrs)</b>	2020-21	2018-19	2017-18	2019-20	2016	01.10.2017	2017-18	2013-14	2018	2014	2017-18	2021-22	2013-13	2014	2012-13	2011	2012	2015	2018-19	2019-20		
<b>Financial Parameters</b>	35	35	35	35	35	40	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
<b>Capital Cost (Rs. Lakh/MW)</b>									633					Prevailing market trends								
<b>below 5 MW</b>	1100 (H.P., Uk, UT, J&K, UT Laddakh and North Eastern), 760 (Other states)	1400	1000	880	820	1000(>100 kW to 2 MW); 1000 (>2MW to 5 MW);	779	770		646.755 (2016-17)	650	605.28	770	770	770	770	635	770	850	1000 (Up to 5 MW), 950(>5 MW & upto 15 MW)	Manland Area- 779, Island Area- 1050	
<b>5 MW-25 MW</b>	1100 (H.P., Uk, UT, J&K, UT Laddakh and North Eastern), 900 (Other states)	1200	900	800	748	900	707	700		592.586(2015-16)	635	550.7	700	700	700	700	571	700	775	900 (> 15 MW & upto 25 MW)	Manland Area-707, Island Area- 900	
<b>Debt Equity Ratio</b>	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30
<b>Loan Tenure(Yrs)</b>	15	13	13	13	10	13	13	12		12	10	12	12	12	12	10	12	12	13	12	12	
<b>Interest rate on loan capital (SBI basis points)</b>	200	200	200	200	11.40%	200	200	300	10.50%	12.76%	det. by Com.	MCLR of previous year + 200	300	150	300	300	150	300	300	300	300	
<b>Depreciation</b>																						
(i)Starting Years	4.67%(15yrs)	5.28%(13yrs)	5.28%(13yrs)	5.28%(13yrs)	7% (10 yrs)	5.28%(13yrs)	5.38%(13yrs)	5.83%(12yrs)	5.83%(13yrs)	5.83%(12yrs)	7% (10 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	
(ii)Remaining Years					0.8% (11-35yrs)					0.87%		0.87%										
<b>Salvage Value(%)</b>	10%	10%	10%	10%		10%	10%	10%		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	
<b>Max Depreciation (% of capital cost)</b>	90%	na	90%	90%		90%	90%	90%		90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%	
<b>Return on Equity</b>																						
<b>Value base of Cap. Cost</b>	det. by Commission	30%	30%	30%		30%	30%	30%		30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	
<b>% Normative ROE</b>	14%	14%	14%	16%	14%	17% (pre-tax)	14%	14%	14%	14%(post-tax)	20%	14%	16%	16%	16%	16%	16%	16%	16%	16%	16%	
<b>For 1st 10 years</b>								18%		20%		21.55% (Rs 360/MW), 29.12% (Rs 390/MW)	20%		20%	19%	20%	20%	20%	20%	20%	
<b>After 10 years</b>								22%		24%		24%	24%	24%	24%	24%	24%	24%	24%	24%	22%	
<b>O&amp;M Expenses (Rs Lakh/MW)</b>									14.66		3% of C.C.	Up to 500 kW-4% of C.C. >500kW & upto 1 MW 4 % of C.C.										
<b>below 5 MW</b>	41.78 (H.P., Uk, UT, J&K, UT Laddakh and North Eastern), 33.66(Other states)	38.06	36	32.41	3.3% of C.C.	39 (>100 kW to 2 MW); 34 (>2MW to 5 MW);	29	25		24.985(2016-17)		>1 MW & upto5 MW - 3.60% of C.C.	25	23.47	25	22.2	18.00	30	45.00 (Up to 5 MW), 40.38(>5 MW & upto 15 MW)			
<b>5 MW-25 MW</b>	31.34 (H.P., Uk, UT, J&K, UT Laddakh and North Eastern), 24.30(Other states)	28.54	27	28.41 (Above 5 MW up to 10 MW); 23.47 (Above 10 MW up to 25 MW)	2.5% of C.C.	29	21	18		16.54(2015-16)		2.80% of C.C.	18	16.77	18	15.86	24.00	21.60	36 (> 15 MW & upto 25 MW)			
<b>Escalation (% p.a)</b>	3.84%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	
<b>Interest on Working Capital (SBI basis points)</b>	350	300	300	300	11.40%	300	200	350	11.50%	13.26%(for 5 MW), 13.50%(5-25 MW)	det. by Com.	MCLR + 150	350	100	350	100	350	350	350	350	350	
<b>Normative Parameters</b>																						
<b>PLF/CUF(%)</b>	40% (H.P., Uk, UT, J&K, UT Laddakh and North Eastern), 30% (Other states)	45%	45%	30%	42%	55%	56%	45%	30%	30%	30%	30%	45%	45%	45%	45%	30%	45%	45%	45%	40% (Genetic Tariff), 45%(Project Tariff)	
<b>Aux. Consumption (%)</b>	1%	1%	1%	2%	1%	0.50%	1%	1%		1%	1%	30%	1%	1%	1%	1%	1%	1%	1%	1%	1%	
<b>Rebate</b>																						
<b>Through LoC (%)</b>	1.5% within 5 days of representation of bills	2%	2%	2%		2%	2%	2%		2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	
<b>other than LoC within one month (%)</b>	1 % after 5 days of representation of bills	1%	1%	1%		1%	1%	1%		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	
<b>Late Payment Surcharge(%) beyond 90 days</b>	1.5% p.m. (beyond 45 days)	1.25%	1.25% (beyond 30 days)	1.25%		1.25%	1.25%	1.25%		1.25%	1.25%	MCLR + 350	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	

Remark: \*\* Notified Tariff Order