

Rajasthan Renewable Energy Tariff Orders 2015

HIGHLIGHTS

Technology-wise Net Tariff	Technology	Net Tariff (in Rs./kWh)
	Wind (Jaisalmer, Barmer, Jodhpur)	5.16
	Wind (other than Jaisalmer, Barmer, Jodhpur)	5.42
	Solar PV	4.85
	Solar thermal	10.34
	Biomass with water cooled condenser	6.83*
	Biomass with air-cooled condenser	7.41*
	Biogas	7.84*
	Biomass gasifier	6.67*
	*Without availing AD	
Tariff Period	Technology	No. of Years
	Wind, Solar PV, Solar thermal	25
	Biomass, Biomass gasifier, Biogas	20
Control Period	01.04.2014 till 31.03.2019 for wind and solar projects. 01.04.2015 till 31.03.2019 for biomass and biogas projects.	
Useful Life of a Plant	Technology	No. of Years
	Wind, Solar PV, Solar thermal	25
	Biomass, Biomass gasifier, Biogas	20

Capital Cost	Technology	Capital Cost (in Rs. Lakh/MW)	
	Wind	579.84	
	Solar PV	518.59	
	Solar thermal	1182.30	
	Biomass with water cooled condenser	527.78	
	Biomass with air-cooled condenser	561.98	
	Biogas	856.77 [§]	
	Biomass gasifier	443.49 [*]	
	*Subsidy of Rs.150 lakh/MW §Subsidy of Rs.300 lakh/MW		
	Operation and Maintenance (O&M) Expenses	Technology	O&M Expenses (in Rs. Lakh/MW)
Wind		8.82	
Solar PV		7.00	
Solar thermal		18.79	
Biomass with water cooled condenser		42.27	
Biomass with air-cooled condenser		45.07	
Biogas		56.06	
Biomass gasifier		56.06	
• The escalation in O&M is 5.85% per annum.			
Interest Rate on Loans	12.76%		
Depreciation	5.83% for the first year and remaining depreciation shall be spread over the residual useful life of the plant 5.28% for biogas and biomass for the first 13 years and remaining depreciation shall be spread over the residual useful life of the plant.		

Return on Equity	14% per annum for biogas, biomass gasifier and biomass. 16% per annum for other technologies.
Interest on Working Capital	12.50% for solar thermal. 12.26% for Solar PV. 10.99% for biogas and biomass.

OTHER PROVISIONS

Tariff Structure and Design	Single part, levelised tariff.
Despatch Principle	'MUST RUN' plants and hence not subject to merit order despatch principle.
Subsidy or/and Incentives by Government	Any incentive or subsidy provided by the central or state government including accelerated depreciation benefit would be taken into consideration.
Rebate	2% - for payment of bills through a letter of credit or by cash/cheque within three working days of presentation of bills. 1% - for payment of bills through a letter of credit or by cash/cheque beyond three working days of presentation of bills but within thirty days.
Late Payment Surcharge	1.25% per month, on a daily basis, for payments beyond 45 days from date of presentation of bills.
Links	http://rerc.rajasthan.gov.in/

References

<http://rerc.rajasthan.gov.in/Regulations/Reg87.pdf>
<http://rerc.rajasthan.gov.in/Regulations/Reg79.pdf>
<http://rerc.rajasthan.gov.in/TariffOrders/Order239.pdf>
<http://rerc.rajasthan.gov.in/TariffOrders/Order249.pdf>
<http://rerc.rajasthan.gov.in/TariffOrders/Order248.pdf>
<http://rerc.rajasthan.gov.in/Regulations/Reg85.pdf>
<http://rerc.rajasthan.gov.in/Regulations/Reg114.pdf>
<http://rerc.rajasthan.gov.in/TariffOrders/Order304.pdf>

Note: Updated up to 8 March 2019 Order.