सोलर एनर्जी कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)
Solar Energy Corporation of India Ltd.
(A Government of India Enterprise)
स्वच्छ भारत - स्वच्छ ऊर्जा

RfS for Selection of Electrolyser Manufacturers (EM) for Setting up Manufacturing Capacities for Electrolysers in India under SIGHT Scheme (Tranche-II)

RfS No. SECI/C&P/MI/00/0022/2023-24 dated 16.03.2024

Snapshot of opening of Enevlope-2 under the RfS

Bucket 2B: Electrolyser manufacturing capacity based on indigenously developed stack technology-smaller units

Maximum Capacity to be awarded= 100 MW

S. No.	Name of Bidder	Capacity (MW)	Type of Electrolyser	Year-wise percentage of LVA					Year-wise Specific Energy Consumption (SEC)					Selection parameter	Allocated Capacity (MW)
				Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5		
1	Adani Enterprises Limited	30	Alkaline	90.01	90.01	90.01	90.01	90.01	45.99	45.99	45.99	45.99	45.99	6	30
2	Eastern Electrolyser Limited	30	Alkaline	90.01	90.01	90.01	90.01	90.01	45.99	45.99	45.99	45.99	45.99	6	30
3	Newtrace Private Limited	30	Membrane Less Electrolyser	81	81	81	81	81	45.95	45.95	45.95	45.95	45.95	6	30
4	Suryaashish KA1 Solar Park Private Limited	30	Proton Exchange Membrane	80.01	80.02	80.03	80.04	80.05	50.98	49.98	46.98	45.98	45.98	5.6	10
5	Bharat Heavy Electricals Limited	10	Alkaline	90.01	90.01	90.01	90.01	90.01	52.99	48.99	47.99	45.99	45.99	5.52	
6	C. Doctor & Company Private Limited	20	Alkaline	81	91	91	91	91	49.95	49.95	47.95	46.95	46.95	5.312	
7	RRG Engineering Technologies Pvt Ltd	30	Alkaline	71	80	90	92	94	46	45.75	45.5	45.25	45	5.132	
8	LiveHy Energy Private Limited	10	Proton Exchange Membrane	70.55	70.55	70.55	80.1	80.5	49.95	48.95	47.95	46.95	46.95	4.912	
9	Pratishna Engineers Limited	30	Alkaline	85	85	90	92	92	52	50	48	46	46	4.72	
10	LiveHy Energy Private Limited	20	Alkaline	70.55	70.55	80.1	80.1	80.5	49.95	48.95	47.95	46.95	46.95	4.236	
11	IEC Fabchem Limited	10	Alkaline	90	90	90	90	90	54.9	54.1	53.6	52.2	50.9	3.584	
12	Greenzo Energy India Limited	20	Alkaline	60	70	80	80	80	50	51	52	54	55	3.32	
Total (MW)		**270**													**100**

Bucket 2A: Electrolyser manufacturing capacity based on indigenously developed stack technology

Maximum Capacity to be awarded= 300 MW

S. No.	Name of Bidder	Capacity (MW)	Type of Electrolyser	Year-wise percentage of LVA					Year-wise Specific Energy Consumption (SEC)					Selection parameter	Allocated Capacity (MW)
				Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5		
1	Adani Enterprises Limited	101.5	Alkaline	90.01	90.01	90.01	90.01	90.01	45.99	45.99	45.99	45.99	45.99	6	71.5
2	Newage Green Electro Private Limited	300	Alkaline	90.01	90.01	90.01	90.01	90.01	46.99	45.99	45.99	45.99	45.99	5.96	228.5
3	Suryaashish KA1 Solar Park Private Limited	110	Proton Exchange Membrane	80.01	80.02	80.03	80.04	80.05	51.98	50.98	46.98	45.98	45.98	5.52	
Total (MW)		**511.5**													**300**

Bucket 1: Electrolyser manufacturing capacity based on any stack technology

Maximum Capacity to be awarded= 1100 MW

S. No.	Name of Bidder	Capacity (MW)	Type of Electrolyser	Year-wise percentage of LVA					Year-wise Specific Energy Consumption (SEC)					Selection parameter	Allocated Capacity (MW)
				Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5		
1	**Adani Enterprises Limited**	**101.5**	**Alkaline**	**90.01**	**90.01**	**90.01**	**90.01**	**90.01**	**45.99**	**45.99**	**45.99**	**45.99**	**45.99**	**6**	**0**
2	Newage Green Electro Private Limited	300	Alkaline	90.01	90.01	90.01	90.01	90.01	45.99	45.99	45.99	45.99	45.99	6	71.5
3	Waaree Energies Ltd	300	Alkaline	90.01	90.01	90.01	90.01	90.01	45.99	45.99	45.99	45.99	45.99	6	300
4	Matrix Gas and Renewables Limited	237	Alkaline	90.01	90.02	90.03	90.04	90.05	45.99	45.98	45.97	45.96	45.95	6	237
5	Advait Infratech Limited	200	Alkaline	90.01	90.02	90.03	90.04	90.05	45.99	45.9	45.85	45.8	45.79	6	200
6	Ohmium Operations Private Limited	137	Proton Exchange Membrane	80.01	80.01	80.01	80.01	80.01	45.99	45.99	45.99	45.99	45.99	6	137
7	GH2 Solar Private Limited	105	Alkaline	80.01	90.01	90.02	90.03	90.04	47.98	46.98	46.97	45.98	45.97	5.616	105
8	Avaada Electrolyser Private Limited	300	Alkaline	70.01	80.01	90.01	90.01	90.01	46.99	46.99	45.99	45.99	45.99	5.34	49.5
9	Green H2 Network India Private Limited	100	Alkaline	80	80	90	100	100	46.9	46.9	46.9	46.5	46	5.104	
10	Thermax Limited	100	Solid Oxide Electrolyser	70.01	70.01	70.01	70.01	80.01	45.99	45.99	45.99	45.99	45.99	5.04	
11	Oriana Power Limited	100	Alkaline	70	70	80	80	90	52.8	52.8	52.8	52.8	52.8	3.496	
Total (MW)		**1980.5**													**1100**