JB Advanced Engineering Limited

"Powering Precision, Engineering the Future"



Successfully Executed Projects Portfolio

Contact Us

www.jbepower.com

info@jbepower.com

Successfully Executed Projects

Thermal Power Plant

S.N	CUSTOMER DETAIL	CAPACITY	OEM	TITLE	YEAR OF EXECUTION
1	Adani Korba Power Limited	2x660 MW	HTC	Refurbishment of TG components, including LP Outer Casing, LP Inner Casing, LP Steam Chamber, LP Diaphragms, Generator End Shields, Generator H_2 Cooler Enclosures, and HIP Outer Casing, along with complete assembly of the LP Outer & Inner Casing including all internal components, with a supply of OEM TG fasteners.	2026
2	JSW Steel Vijayanagar	57MW	SIEMENS	Complete erection, installation, testing, and commissioning of 57 MW Turbine, Generator, and its auxiliaries, including all associated auxiliaries, pipelines, pumps, valves, and actuators.	2026
3	Shyam Metalics and Energy Limited	30MW	JPEF	Generator Stator Rewinding 30MW	2026
4	Supermech infrastructure Pvt.Ltd.	300 MW	SEC	Repair of Generator Rotor journal at TE and EE sides	2026
5	Korba Power Limited	2 x 660 MW	DEC	Erection, Testing, and Commissioning of CT and Neutral Adaptor Box U#3 & 4	2026
6	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	COH of Turbine, Generator, and its auxiliaries U#8 with Front Pedestal correction (LP differential expansion problem)	2026
7	DB Power Limited	2x600 MW	BHEL	J STRAP Replacement of Generator rotor	2026
8	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Rotor Repair	2026
9	Shyam Metalics and Energy Limited	45 MW	JPEF	Generator Rotor Repair with Dynamic Balancing	2026
10	Shyam SEL & Power Limited	30 MW	JPEF	Generator Rotor Overhauling	2026
11	Vedanta-Bharat Aluminium Company Limited	4 x135 MW	JPEF	Erection of Newly Supplied Generator Stator	2026
12	R.K.M Powergen Private Limited, Chhattisgarh	4 x 360 MW	HTC	COH of Unit#3	2026
13	ACWA POWER NOMAC, OMAN	320 MW	GE	Generator Stator Winding Partial Discharge Repair	2026
14	Vedanta Limited - Jharsugoda	600MW	HTC	Turbine & Valve AOH Of U#4	2025
15	R.K.M Powergen Private Limited	4 x 360MW	HTC	Bearing Inspection And COH Of HIP Turbine Including Steam Valves Of Unit#1	2025
16	Shyam Metalics and Energy Limited	33MW	JPEF	Generator Rotor Repair 33MW	2025
17	NTPC GE Power Services Private Limited	4 x 135 MW	HTC	Generator COH 135MW U#2	2025
18	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Repair of 135MW Generator Rotor Including Dynamic Balancing,	2025
19	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Stator Repair U#2	2025
20	JSW Energy (Utkal) Limited, Orissa	2 x 350MW	HTC	AOH of TG Auxiliaries U#1	2025
21	Sarda Energy & Minerals Limited	2 x 300MW	HTC	Rectification of Generator Exciter U#2	2025

22	Jindal Stainless Limited, Jaipur	2 x 125 MW	BHEL	Retaining ring inspection, stator wedge partial replacement, in-situ balancing, LP turbine and bearing overhauling, lube oil pump revisioning, generator rotor and bearing inspection, and complete TG overhauling.	2024
23	JSW Ind-Barath Energy (Utkal) Limited	2 x 350MW	HTC	Erection and Commissioning of U#2 TG, valves, TDBFP and its Auxiliaries, Manpower support for O&M services along with tools & consumables	2024
24	JSW Ind-Barath Energy (Utkal) Limited	2 x 350MW	HTC	Erection and Revival of Unit #1 Turbine, Generator, Valves, Turbine-Driven Boiler Feed Pump (TDBFP), and Associated Auxiliaries	2024
25	Adani-Korba Power Limited	2 X 660MW	HTC	End-to-end physical inspection and condition assessment of the TG and associated auxiliary systems.	2024
26	SKS Power Generation (Chhattisgarh) Limited	2 x 300MW	HTC	LP turbine and generator overhauling with bearing, turning gear, and main control valve (TV/IP/GV) servicing	2024
27	Mahan Energen Limited	2 x 600 MW	HTC	Major Overhauling of TG Auxiliaries	2024
28	Mahan Energen Limited	2 x 600 MW	HTC	Major Overhauling of TDBFP Turbine	2024
29	JSW Energy (Barmer) Limited	8 x 135 MW	JPEF	Generator Stator & Rotor Overhauling and Electrical Testing	2024
30	Sembcorp Energy India Limited	2 x 660 MW	DEC	Expert Supervision for 660 MW COH	2024
31	JSW Steel Vijayanagar Works	130 MW	BHEL	Capital Overhauling of TG & Auxiliaries	2024
32	JSW Energy (Barmer) Limited	8 x 135MW	DEC	Repair of LP Rotor	2024
33	Vedanta Alumina Refinery, Lanjigarh	130MW	HTC	C50 Turbine troubleshooting work (Valve, Governing System & C&I)	2024
34	Vedanta Alumina Refinery, Lanjigarh	60 MW	JPEF	Restoration / Troubleshooting Services of C50 Turbine & Generator	2024
35	ACB India Limited, Korba	2 x 135 MW	HTC	Major COH of Unit-1 turbine and generator, including blade repair/re-blading, governing valve refurbishment, seal ring replacement, and complete generator rotor rewinding.	2024
36	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Repair of Generator Rotor U#8	2024
37	Vedanta Limited , Jharsuguda	9 x 135MW	SEC	Generator Slip Ring Replacement work of U#8	2024
38	Shyam Metalics and Energy Limited	30MW	JPEF	Generator Rotor Bottom Bar Replacement	2023
39	Lanco Power Limited, Anpara	2 x 600MW	DEC	Identification of Generator Bar Leakage TOP/Bottom	2023
40	Bharat Aluminium Company Limited	4 x 135MW	JPEF	U#1 Overhauling of Generator Rotor and Stator	2023
41	Bharat Aluminium Company Limited	4 x 135 MW	JPEF	Overhauling of Generator Rotor and Stator of U#2	2023
42	Tanjung Awar-Awar Power Station, Indonesia	2x350MW	HTC	Generator Stator 2Nos Top Bar installation work	2023
43	Lakvijaya Power Station, Sri Lanka	300MW	HTC	Slipring (collector ring) Grinding and polishing on site	2023
44	JSW Energy (Barmer) Limited	8 x 135MW	DEC	LP Turbine OH, Rotor Replacement and Bearing inspection 1 to 5	2023
45	JSW Steel Vijayanagar Works	2 x 300MW	SEC	SBU2 U1 TG & Auxiliaries COH Work	2023
46	GMR Kamalanga Energy Limited	3 x 350MW	DEC	Expert Supervision Service for 350MW Turbine COH	2023
47	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Capital Overhauling & Generator Electrical Testing & Repair	2023
48	The Sandur Manganese & Iron Ores Limited	32MW	JPEF	Repair of Generator Rotor & Retaining Ring Removal and Inspection Work	2023
49	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Rotor Thread in-out, Electrical Testing and Slot wedge Replacement	2023
50	Mukund Limited	15MW	JPEF	Retaining Ring Removal and assembly work	2023

51	Adani Power (Jharkhand) Limited	2 x 800 MW	DEC	Deputation of C&I Expert for Commissioning of Unit 2 TDBFP System	2023
52	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Servicing and testing of Generator Stator and Rotor	2023
53	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Stator Fault Repair	2023
54	JSW Ratnagiri Power Station	4 x 300MW	SEC	Repair of Generator Exciter Rotor	2023
55	Sembcorp Energy India Limited, Nellore	2 x 660MW	Harbin	Expert Supervision for Capital Overhauling	2022
56	Jhajjar Power Limited (JPL)	2 x 660 MW	DEC	Generator Inspection of U#1 & Generator Rotor CC Bolt Repair work	2023
57	Adani Power (Jharkhand) Limited	2 x 800 MW	DEC	Deputation of C&I Expert for Commissioning of Unit 1 TDBFP System	2023
58	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Repair and Commissioning of Generator Rotor and Stator	2023
59	JSW Energy (Barmer) Limited	8 x 135 MW	JPEF	Generator Rotor Retaining Ring and Stator Testing and Servicing	2023
60	Ramsarup Industries Limited, Kharagpur	20MW	JPEF	Repairing of Generator Rotor and Exciter stator	2023
61	Nirma Limited, Bhavnagar	70MW	BHEL	Expert Supervision during Generator Overhauling and Electrical testing and Repair of Generator Rotor	2023
62	JSW Energy (Barmer) Limited	8 x 135 MW	DEC	LP Turbine Last stage complete Blade Replacement	2022
63	Ceylon Electricity Board Sri-Lanka	3x300MW	HTC	Turbo Generator Slip Ring Grinding and Polishing	2022
64	Siemens Ltd.	120MW	BHEL	Complete Turbo Generator Rotor Rewind	2022
65	Bharat Aluminium Company Limited	4 x 300MW	DEC	Turbo Generator Slip Ring Replacement	2022
66	NTPC Limited - Mauda	500 MW	BHEL	Generator Rotor CC bolt Repair	2022
67	R.K.M Powergen Private Limited, Chhatisgarh	4 x 360 MW	HTC	Stator and Rotor repair , Erection/ Commissioning	2021
68	Bharat Aluminium Company Limited	4 x 135MW	JPEF	New Generator Erection and Commissioning	2021
69	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Generator Stator Repair Testing and Commissioning	2019
70	JSW Energy (Barmer) Limited	8 x 135MW	JPEF	Repair of Generator Rotor	2018

Hydro Power Plant

S.N	CUSTOMER DETAIL	CAPACITY	OEM	TITLE	YEAR OF EXECUTION
1	Himachal Pradesh State Electricity Board Limited, Larji	3 x 42 MW	BHEL	Removal of Pole from rim and repair, Refurbishment/soldering of rotor poles joint & testing	2026
2	Priyadarshini Jurala Hydroelectric Project	6x39MW	HTC	Dis-assembly of failed winding and stator core, replacement of entire stator core and Rewinding of Stator, and recommissioning of Unit-3	2025
3	Karnataka Power Corporation Limited	6 x 150MW	Andritz	repair, testing, and F class insulating materials supply for a large electric generator (specifically focusing on the stator winding and rotor poles).	2023
4	E2C Imboulou Power Station, Africa	4x30 MW	HTC	Generator Stator Rotor and Transformer Repair.	2022
5	Telangana State Power Generation Corporation Limited, Jurala	6 x 39MW	HTC	Complete Stator and Rotor Winding with erection and commissioning	2021