

PLANT BETTERMENT/RENOVATION

| SI. No | Name of Project | Capacity | Scope of Work | Date of Award | Present Status |
|--------|---|---|--|----------------|----------------------|
| 1. | Talcher Thermal Power Station Stage-I - Plant Betterment Services | 4x62.5 MW | Design and engineering, and supervision of construction/ commissioning of modification/ renovation/replacement of Electrostatic Precipitators, ash disposal system, etc. | August 1982 | Assignment completed |
| 2. | Panki Thermal Power Station – Renovation of ESPs, Ash Handling Plant | 2x110 MW | Preparation of feasibility report, design & engineering, inspection & supervision of construction & commissioning | June 1987 | Assignment completed |
| 3. | Retrofitting of ESPs and Augmentation of Ash Handling System for Obra-A and Harduaganj B & C Power Stations | 5x50 MW + 3x100 MW & 2x50 MW + 2x55 MW + 2x60 MW + 1x110 MW | Review of existing dust collection system, design and engineering, inspection and expediting and site supervision services for retrofitting | December 1987 | Assignment completed |
| 4. | Dhuvaran Thermal Power Station – Electrostatic Precipitators and Ash Dykes | 4x63.5 MW | Preparation of feasibility report for providing ESPs and Ash Dykes | September 1987 | Report submitted |
| 5. | Ukai Thermal Power Station – Retrofitting of new Electro-static Precipitators and Ash Handling Plant | 2x120 MW | Preparation of feasibility report, design & engineering, inspection & supervision of construction & commissioning | March 1989 | Completed |

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| 6. | Harduaganj Thermal Power Station – Restoration of Electrical, Controls & Instrumentation Systems | 2x60 MW | Design, engineering, procurement, inspection and expediting, supervision of erection, commissioning and initial operation services | November 1984 | Units commissioned |
| 7. | Talcher Thermal Power Station Stage-I – Renovation/ Modification of ID Fans, Coal Handling Plant, CW System, Air Conditioning, Fire Fighting, Intercommunication and Ash Handling System | 4x62.5 MW | Design and engineering, inspection and expediting and supervision of construction and commissioning | August 1986 | Assignment completed |

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| 8. | Patratu Thermal Power Station – Reclamation of Water from Ash Pond and its reuse | 2x50 MW + 2x100 MW + 4x110 MW | Design and engineering, inspection and expediting and supervision of construction and commissioning | February 1987 | Abandoned |
| 9. | System Study of Maunath Bhanjan Town in U.P. | -- | Formulation of system improvement scheme of Maunath Bhanjan town | March 1989 | Report submitted |
| 10. | Gandhinagar Thermal Power Station – Modification of Boilers and associated equipment for Gas Firing | 2x120 MW | Preparation of feasibility report, design & engineering, procure-ment, inspection & expediting, overall supervision of erection & commissioning | May 1989 | Abandoned |
| 11. | Modification of ESPs and Ash Handling System for Obra 'B' Thermal Power Station | 5x200 MW | Review of existing dust collection system, design and engineering, inspection and expediting and site supervisory services for retrofitting | May 1990 | Assignment completed |
| 12. | Talcher Thermal Power Station Stage-I – Renovation/Replacement/ Augmentation/ Modernisation of Boiler Pressure Parts, Economiser, Attemperator and Burners, Pulveriser System; TG sets; HP Heaters and TG Auxiliaries under Phase-II Scheme | 4x60 MW | Design and engineering, inspection and supervision of erection and commissioning | June 1993 | Assignment completed |

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| 13. | Durgapur Thermal Power Station of Damodar Valley Corporation – Closed loop circulating water system for condenser cooling tower | 1x140 MW | Study of existing system and preparation of techno-economically viable scheme, design and engineering including supervision of construction and commissioning of new scheme | October 1995 | In progress |
| 14. | Sabarmati Thermal Power Station of The Ahmedabad Electricity Co. Ltd. – Recirculation of Ash Water | 3x110 MW | Study of existing ash handling and disposal system and carry-out design and engineering including supervision of construction and commissioning of Recycling Decanted Ash Water scheme | March 1996 | In progress |
| 15. | Ash Pond Water Recycling System for Ib Thermal Power Station Units # 1&2 | 2x210 MW | Design, engineering, supervision and commissioning | June 1996 | In progress |
| 16. | Recycling of Ash Water from Ash Pond at Amarkantak Thermal Power Station | 2x30 MW + 2x120 MW | Design and engineering services | November 1999 | In progress |
| 17. | Recycling of Ash Water from Ash Pond at Korba East Thermal Power Station | 4x40 MW + 2x120 MW | Design and engineering services | November 1999 | In progress |
| 18. | Modification of Fly Ash Handling System (RCC Silo) at Wanakbori Thermal Power Station | 2x210 MW | Design and engineering services | April 2000 | In progress |