
NEE Process Solutions - Reference project list

- Cooling System performance improvement at 110MW Tenayan PLTU, Indonesia
- PC boilers tuning and classroom training for technical personnel and management, client Indonesia Power
- Technical assessment (3) coal fired steam power plants, Sofifi 2x3MW (Maluku, Indonesia), Jayapura 2x15MW (Papua, Indonesia) and Timika 4x7MW (Papua, Indonesia).
- Assessment of the Unit Design and Performance Test evaluation, Low NOx and SOx study for the 685MW supercritical unit operated by GMR Chhattisgarh Energy Pvt. Ltd. Raikheda, Tilda block, Raipur district, Chhattisgarh, India
- Technical due diligence of the South Sumatera 2 x 150 MW Sumsel 5A power plant and the 150 MW Perawang TG25 power plant, both located in Sumatera, Indonesia.
- Feasibility Study - Utilization of Geothermal Energy Bogatic, Serbia
- Thermal balance calculation, cycle optimization – Phai Lai 4 x 110MW Reconstruction, Vietnam
- Technical Assessment - Refractory damage of the 580 t/h CFB Boiler at the 2 x 150MW Sumsel 5 Mine Mouth CFPP located in Bayung Lencir, Musi Banyuasin Regency in South Sumatra, Indonesia.
- Conceptual Study – 40MW extension of the Gunung Megang combined cycle power plant, located at Gunung Megang Regency, Muara Enim, South Sumatera – Indonesia.
- Detail design of the combustion air piping - Burner Testing Facility VUT Brno
- Conceptual Study - Waste Heat Recovery Unit for Binani Cement plant in Fujairah, UAE
- Basic Design 64 MW Solar Power Plant project Nevada Solar One, Boulder City, NV, USA
- Detail Design Nevada Solar One Extension, Boulder City, NV, USA
- Detail Design 1 MW Saguaro Solar Power Plant, AZ, USA
- Basic Design 50 MW Solar Trough Power Plant Project Alvarado, Badajoz, Spain
- Basic Design 50 MW Solar Trough Power Plant Project Majadas, Caceres, Spain
- Basic Design 50 MW Solar Trough Power Plant Project, Palma del Rio II, Cordoba, Spain
- Basic Design 101 MW Solar Power Plant Project NS2, Boulder City, NV, USA
- Basic Design 25 MW Solar & Biomass Hybrid Power Plant Project, Navarra, Spain

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- **Conceptual Design 96 MW Solar Trough Power Plant Project Pecos Solar Ranch One, Reeves County, TX, USA**
 - **Detail Design 2.5 MWth Testing Loop**
 - **Conceptual Study Simple Cycle 50 MW Peaking Power Plant Project, Czech republic**
 - **Conceptual Design 60.5 MWe Biomass fired Greenway Renewable Power plant Project, La Grande, GA, USA**
 - **Detail Design Upgrade of dry cooling system for the Dapp Biomass Power Plant, Alberta, Canada**
 - **Basic Design 60.5 MWe Biomass fired Piedmont Green Power station Project, Barnesville, GA, USA**
 - **Conceptual Design Natural gas to biomass conversion power plant project, 35 MWe Onondaga, NY, USA**
 - **Study 7 MWe biomass CHP Plant, Brinje, Croatia**
 - **Conceptual Design 25 MWe Biomass fired power plant Project, Alberta, Canada**
 - **Conceptual Design Municipal solid waste to Energy CHP plant, 15 MWe, Valmez, Czech republic**
 - **Conceptual Design Municipal Waste to Energy power plant, 30 MWe, WTE Cadiz Spain**
 - **Conceptual Design 50 MWe Solar Trough Power Plant Project Goraj India**
 - **Conceptual Design 200 Mwe Solar Trough Power Plant Project Lilyvale, Australia**
 - **Conceptual Design 80 MWe Solar Trough Power Plant Project El Paso, TX, USA**
 - **Conceptual Design 96 MW Solar Trough Power Plant Project Pecos Solar Ranch One, Reeves County, TX, USA**
 - **Conceptual Design 100 MWe Solar Trough Power Plant Project Monahans, TX, USA**
 - **Conceptual Design 160 MWe Solar Trough Power Plant Project Laguna, NM, USA**
 - **Conceptual Design 176 MWe Solar Trough Power Plant Project Xcel Energy Solar Plant, CO, USA**
 - **Conceptual Design 240 MWe Solar Trough Power Plant Project Cobre Sol, AZ, USA**
 - **Conceptual Design 30 MWe Solar and Biomass power plant project, Tudela Spain**
 - **Conceptual Design Integration of the Solar Power plant with existing 600 MWe conventional power plant**

- **Conceptual Design Integration of the solar power plant with existing 500 MWe combined cycle power plant, Sacramento Municipal Utility District**
- **Analysis of parasitic loads for parabolic through solar power plant**
- **Process model of integration of solar through power plant with conventional fossil fuel power plant**
- **Study Solar energy storage System**
- **Study Prediction of thermal energy losses of the solar field**
- **Optimization of the solar power plant cooling – consideration of wet, dry and hybrid cooling concepts**