



ENGINEERING SERVICES FOR ENERGY

ENERGY SERVICES
RENEWABLES
TECHNOLOGY

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ESE ENGINEERING SERVICES FOR ENERGY IS AN ITALIAN
ENGINEERING CONSULTING COMPANY OF THE HIGHEST LEVEL
OPERATING WORLDWIDE IN THE POWER GENERATION INDUSTRY.
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RENEWABLES TECHNOLOGY

SOLAR

ESE has more than ten years' experience in the solar field and can boast important collaborations. ESE was with BrightSource at the very beginning of the development of their direct steam tower technology, designing and following the manufacturing of the pilot steam receiver, and working for many Bright-Source plants during the next years. ESE then worked closely with ABB in their direct steam Fresnel technology, participating to the design of their 100MW reference plant based on the mirrors technology by Novatec Solar. ESE supported Alstom from the beginning of the development of the Molten Salt CSP. Thanks to the above mentioned experiences, ESE is able to cover the full range of engineering and consultancy services in the CSP field.

BIOMASS AND WASTE TO ENERGY PROJECTS

In the Waste and Biomass field, ESE is active in engineering support, feasibility studies, conceptual and basic design, as well as the preparation of the authorization documents. In particular, ESE worked for the design of many plants producing energy from the combustion of: Chicken litter, Municipal wastes, Wood chips, Straw, Rice hulls, Energy sugar cane, Eucalyptus, Bagasse, Vegetable oil. ESE experience covers the complete development process, from the authorization phase until the commissioning of the plant. ESE also supported WtE (Waste to Energy) Boiler makers in their effort to approach the Italian market.

HYDROELECTRIC POWER PLANTS

ESE experiences cover a wide range of hydroelectric plants, from conventional ones to pumping storage plants in the most various regions of the world.

Furthermore ESE has developed very good relations with important Civil Engineering Companies to be able to offer a comprehensive engineering package for all kind of hydroelectric power plant, including special civil works (tunnels, dams, underground power stations). The activities ESE has performed for several hydroelectric plants cover: Feasibility Studies, Preliminary Design; Cost Estimation; Tender Documents; Business Plan; Conceptual and Final Design.

FOR INFORMATION AND REFERENCES PLEASE CONTACT US.



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