

Concept, Modules and Objectives of the Syllabus Course: Small Power Plants and Renewable Energy Sources

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Abstract : This paper presents a curriculum of the subject small power plants and renewable energy sources, dealing with the concept of distributed generation, renewable energy sources, hydropower, wind farms, geothermal power plants, cogeneration plants, biogas plants of agriculture and animal origin, solar power and fuel cells. The course is taught the manner of connecting small power plants to the grid, the impact of small generators on the distribution system, as well as economic, environmental and legal aspects of operation of distributed generators.

Keywords : distributed generation, renewable energy sources, energy policy, curriculum

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