

عنوان مقاله:

Study Results for Construction of Integrated Solar Combined Cycle System in Iran

محل انتشار:

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تعداد صفحات اصل مقاله: 13

نویسندگان:

.Lari - Niroo Research Inst

.Azarm - Niroo Research Inst

Brakmann - FLABEG Solar International

Aringhoff - Fichtner solar

خلاصه مقاله:

In 1997 the Iranian Power Development Organization (IPDO), contracted the Electric Power Research Institute (now named NIROO Research Institute (N.R.I)), Pilkington Solar International (now named FLABEG Solar International) and Fichtner (now Fichtner Solar) to execute a comprehensive Feasibility Study. N.R.I was responsible for the site selection, analysis of implementation strategy in Iranian electricity sector context, and analysis of local manufacturing capabilities, FLABEG Solar for the solar field lay-out and design, economic and financial analysis and structuring of project financing. Fichtner Solar took responsibility for the optimization of the combined cycle retrofit and optimal integration of the solar field technology into this cycle. The specific aim of this feasibility study was to evaluate which solar thermal configuration is best suited to enlarge and improve the existing power plant complex, both technically as well as economical.

کلمات کلیدی:

Solar Power Plant, Parabolic Trough, ISCCS

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