

عنوان مقاله:

Design temperature for air cooled condenser(A.c.c) in Behbahan power plant

محل انتشار:

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خلاصه مقاله:

selection of design temperature is one of the greatest problem for designing of air cooled condenser(A.C.C).Because ambient conditions has great influence on performance of A.C.C, in this article a new method introduced for the users. In fact, we find a suitable design temperature .A case study is done for Behbahan site and one power block which includes: two gas turbine, two HRSGs, one steam turbine with one A.C.C is modelled by Thermoflow software. Two modes are considered, one is Thermodynamic design(TD) and another is Off design(OD).An assumption is considered that the A.C.C works at TD mode and then because of ambient temperature variation ,will work in OD mode during the year .By the way we can compare the operation in two modes. The necessary results for suitable action will take from article

کلمات کلیدی:

Thermodynamic design (TD), Off design (OD),A.C.C

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