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Economic Feasibility Study of Ground Source Heat Pump in Al-Musayyib Hospital

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Abstract:In this research the calculations of consumption electric energycost in summerseason (May to September, 150 day) and winter season (December to February, 90 day) were performed by using the coefficient of performance percent for each air and ground source heat pump. The place of study case take relative to solar path in to account and the study case was three halls (men, women, and surgery halls) in Al-Musayyib hospital in Babylon.

Keywords:Cost of consumption electric energy cost, Ground source heat pump, Hospital halls, Coefficient of performance percent.

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