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TRIGENERATION SOURCE FOR ADMINISTRATIVE BUILDINGS

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Abstract

The paper will describe the five years operation experience with the 1,1MWt/0,3MWe/0,5MWc trigeneration source for the administrative building in Prague. The interesting electricity consumption development in the five years operation period will be commented and the operation mode based on the heat demand will be described. The comparison with the other trigeneration source also with the direct fired absorption chiller will be done. Also the five years internet house and hypermarket trigeneration sources operation experience will be provided. The natural gas based trigeneration sources advantages/disadvantages will be evaluated in accordance with the No.8/2004EC Czech interpretation.