



## Oeuvres Completes de Massillon, Eveque de Clermont (11)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 76 pages. Original publisher: Golden, CO : National Renewable Energy Laboratory, 2011 OCLC Number: (OCoLC)707156244 Subject: Geothermal power plants -- Research. Excerpt: . . . 2 Baseline Power Plants 2. 1 Binary Cycle 2. 1. 1 20 MW ( 158 C resource temperature ) ACC Power Plant For this study, an existing air-cooled power plant with a nominal 20 MW net electric production capacity ( depicted in Figure 1 ) was modeled. Many plant details are provided by Kanoglu and engel Kanoglu 1999 . The working fluid used in the plant is isobutane. This plant suffers an approximate 50 loss of production capacity from winter to summer conditions. A smaller, hypothetical plant, with a nominal 10 MWe production output was also modeled for comparison. The power plant was modeled using the commercially available process modeling software ASPEN Plus. A consistent set of assumptions regarding component efficiencies and heat-exchanger approaches were utilized in the models. Table 1 summarizes the nominal design o conditions for various parameters. Except for the brine resource temperature ( 158 C ) and the ambient temperature at design ( 3 C ), all of which...



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