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(54) **EQUIVALENT AGGREGATION METHOD
AND APPARATUS FOR
ELECTRO-THERMAL COUPLED VIRTUAL
POWER PLANT**

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(57) **ABSTRACT**

The present disclosure provides an equivalent aggregation method and an apparatus for an electro-thermal coupled virtual power plant. The method includes: obtaining an equivalence model in a heating section of the electro-thermal coupled virtual power plant by training a support vector machine; establishing a computing model for equivalent aggregation of the electro-thermal coupled virtual power plant; and realizing the equivalent aggregation of the electro-thermal coupled virtual power plant by solving the computing model for the equivalent aggregation of the electro-thermal coupled virtual power plant.

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