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**Practical Data Mining in a large utility company**

Georges Hébrail

Electricite de France, R&D Division. 1, Av. du Général de Gaulle. 92141 Clamart, France.

We present in this paper the main applications of data mining techniques at Electricité de France, the French national electric power company. This includes electric load curve analysis and prediction of customer characteristics. Closely related with data mining techniques are data warehouse management problems: we show that statistical methods can be used to help to manage data consistency and to provide accurate reports even when missing data are present.

**Keywords:** Data mining, statistical methods, data warehouses, applications, load curve analysis, utility company

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