

## عنوان مقاله:

Forecasting Power Demand Using Artificial Neural Networks For Saveh Electricity Power system

## محل انتشار:

سیزدهمین کنفرانس دانشجویی مهندسی برق ایران (سال: 1389)

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## خلاصه مقاله:

Accurate models for electricity load forecasting are essential to the operation and planning of an electricity company. Neural Networks are considered as a computational model that is capable of doing non-linear curve fitting. In this research, the application of neural networks to study the design of Short Term load Forecasting (STLF) Systems for Saveh city was explored. Three layered neural network architecture with back propagation algorithm is proposed to model STLF. The results show that neural network gives acceptable minimum forecasting error compared to the statistical forecasting models and hence it can be considered as an effective method to model the STLF systems for ..Saveh city electricity power system

## کلمات کلیدی:

Short Term, Load Forecasting, Neural Network, BP

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/99007>

