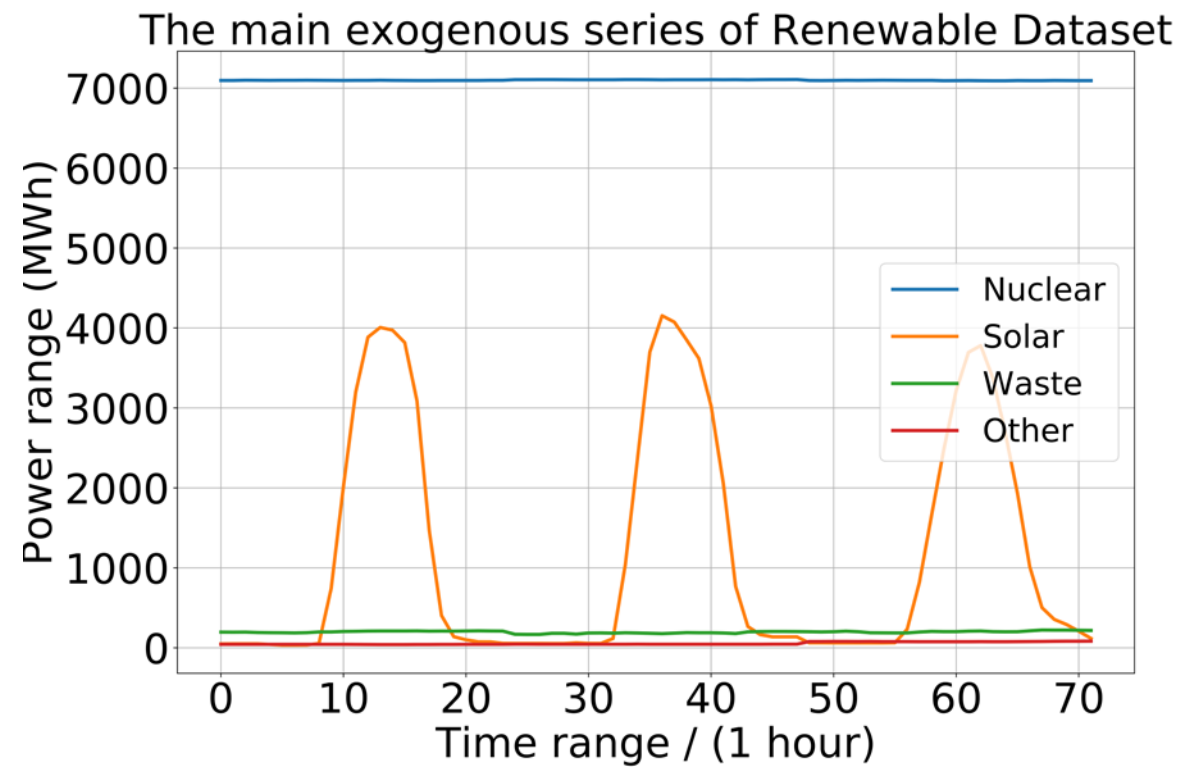
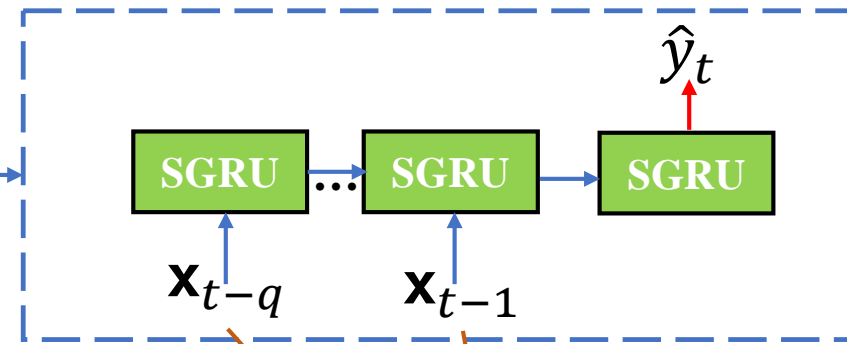


# GRU-SSU-AMG Forecasting Approach

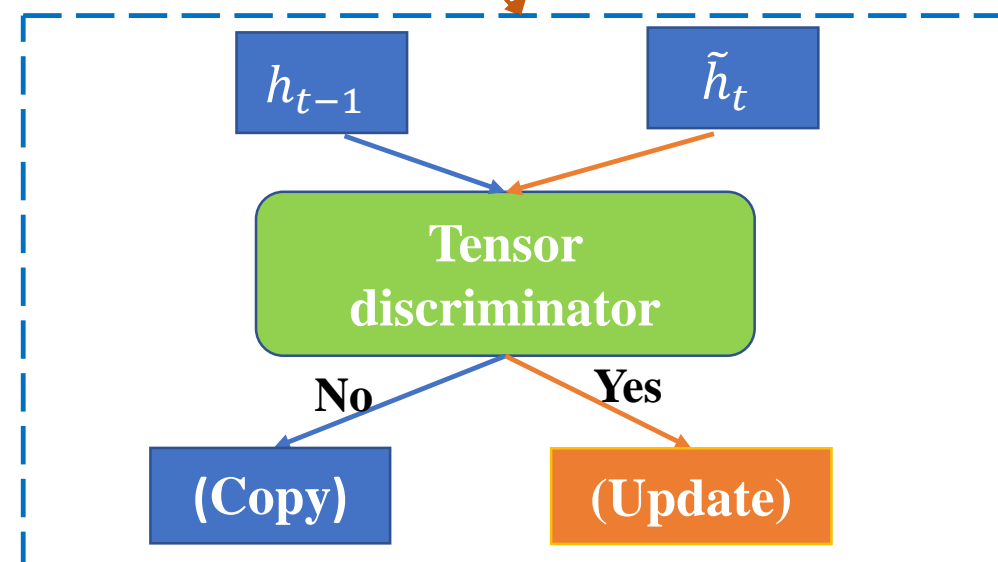
Input power time series:  $\mathbf{x}$



**Prediction model:** Selectively updating hidden states GRU (SGRU)



**Selection mechanism**



**Back-propagation:** Guide the model to find the optimal parameters

