

Ansprechpartner: Yong Ding <ding@teco.edu>

# **A DEMAND RESPONSE PROGRAM FOR THE ENERGY- SAVING SOCIAL GAME**

# Social Game Platform for Energy Saving

游戏 游戏规则

## Gaming interface

今日计划用电量为1000Wh,已经获得2000点积分

**Accumulated bonus points**

累计积分: 24435点

当前用电量下可

**Global Information**



额定用电量: 3000Wh

每节约1Wh用电可获

明日计划用电量: 尚未设置用电量

明日计划积分: 尚未

设置明日计划用电量: 1000

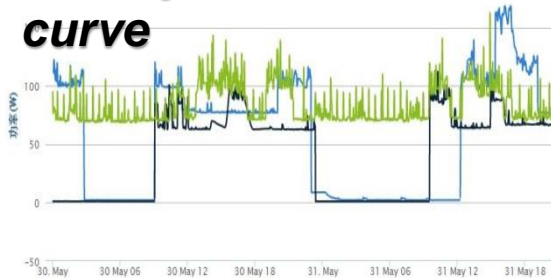
Wh

提交

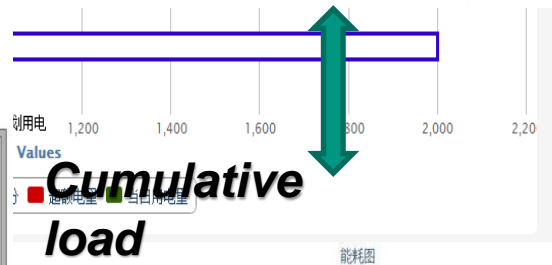
**Set consumption plan for tomorrow**

## History curve

功率曲线图



距离当天结束还有4时11分56秒



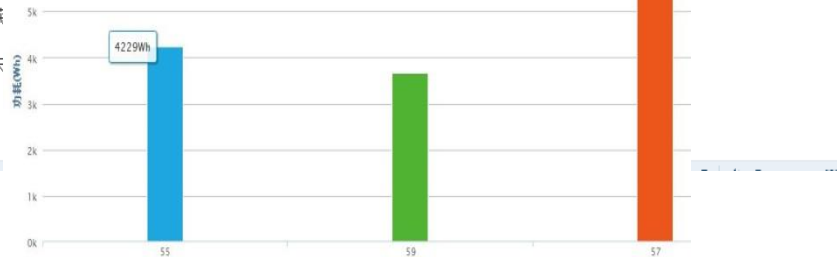
计划用电

Values

累积用电量

**Cumulative load**

能耗图



# Research Proposal

- A demand response program for the social game testbed
  - Extension of social game towards demand response
  - Identification of demand response possibilities
  - A user-engaged demand response framework

