

RUC AGENDA ITEM #070456

Large Power Electric Customers

October 9, 2007



Large Power Customers (by energy use)

1. VA MEDICAL CENTER
2. NORTH FL REGIONAL MEDICAL CENTER
3. GAINESVILLE REGIONAL UTILITIES – MURPHREE
4. **METAL CONTAINER CORPORATION**
5. **SANTA FE COMMUNITY COLLEGE**
6. SHANDS @ AGH
7. STATE OF FLORIDA DEPARTMENT OF CHILDREN & FAMILY SERVICES
8. CLARIANT LSM FLORIDA INC
9. GAINESVILLE REGIONAL UTILITIES – KANAPAHA WRF
10. ALACHUA COUNTY BOARD OF COUNTY COMMISSION
11. STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
12. **NATIONWIDE MUTUAL INS CO**
13. **US DEPARTMENT OF AGRICULTURE**
14. US POSTAL SERVICE
15. **FLORIDA FARM BUREAU INSURANCE CO**
16. SHANDS HEALTHCARE



More than Energy

Rate Structure

Large Power customers are charged a

- customer charge
- energy charge
- demand charge

Two meters record the energy used and the maximum demand for the month. The demand level is defined as the highest peak of use, measured in kilowatts, per month.

Large Power Definition

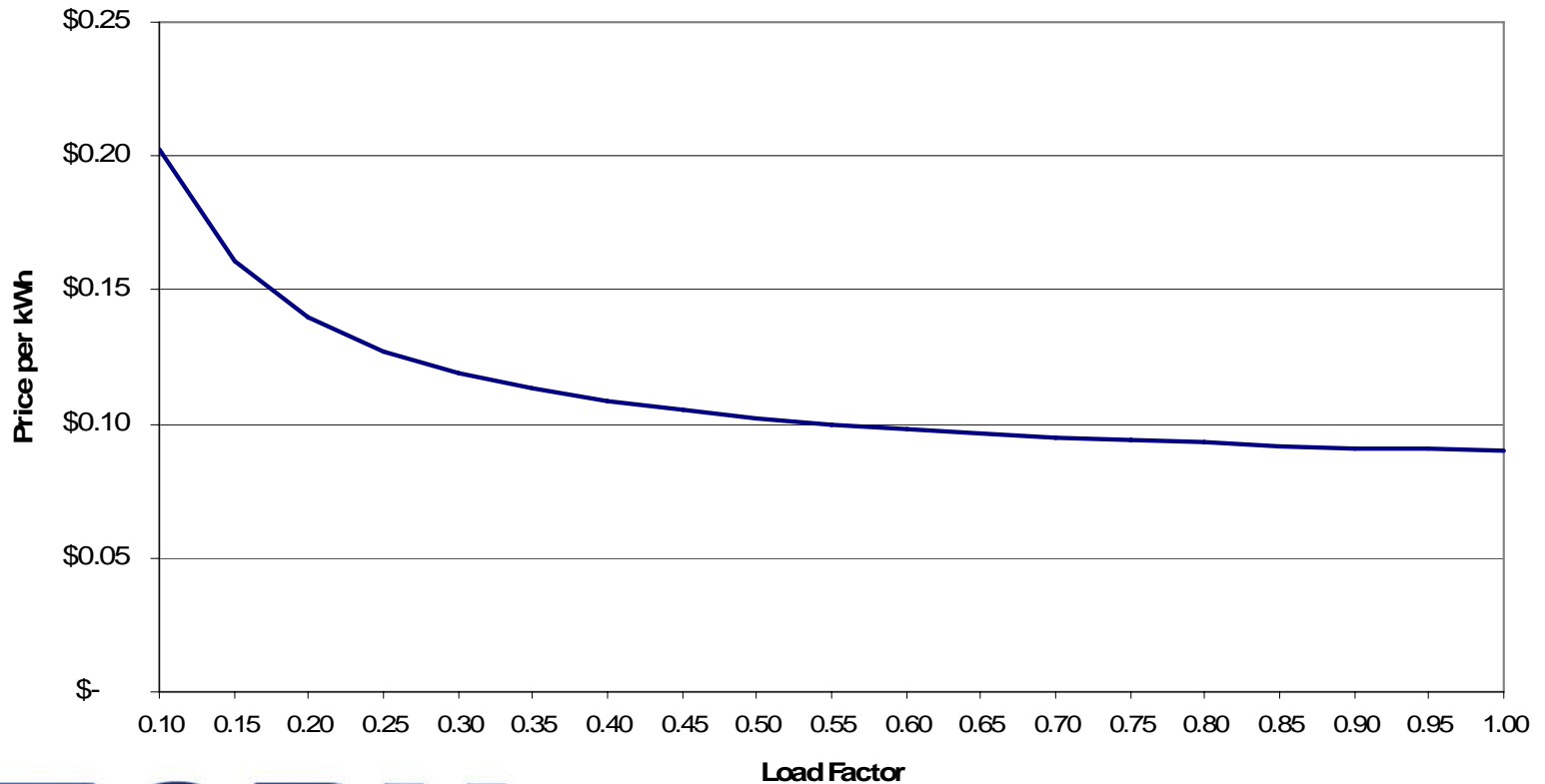
- **Current** - The definition of Large Power is a customer that has an average demand of over 1,000 kW per month.
- **Previous** - Previously the definition was at least one month of demand of over 1,000 KW in a 12 month period.

Impacts of Change

- Rewards Good Load Factor
- Discourages incidents of load banking. Customers could artificially inflate usage for a short period of time to meet the minimum requirement for the large power rate, which conflicts with conservation.

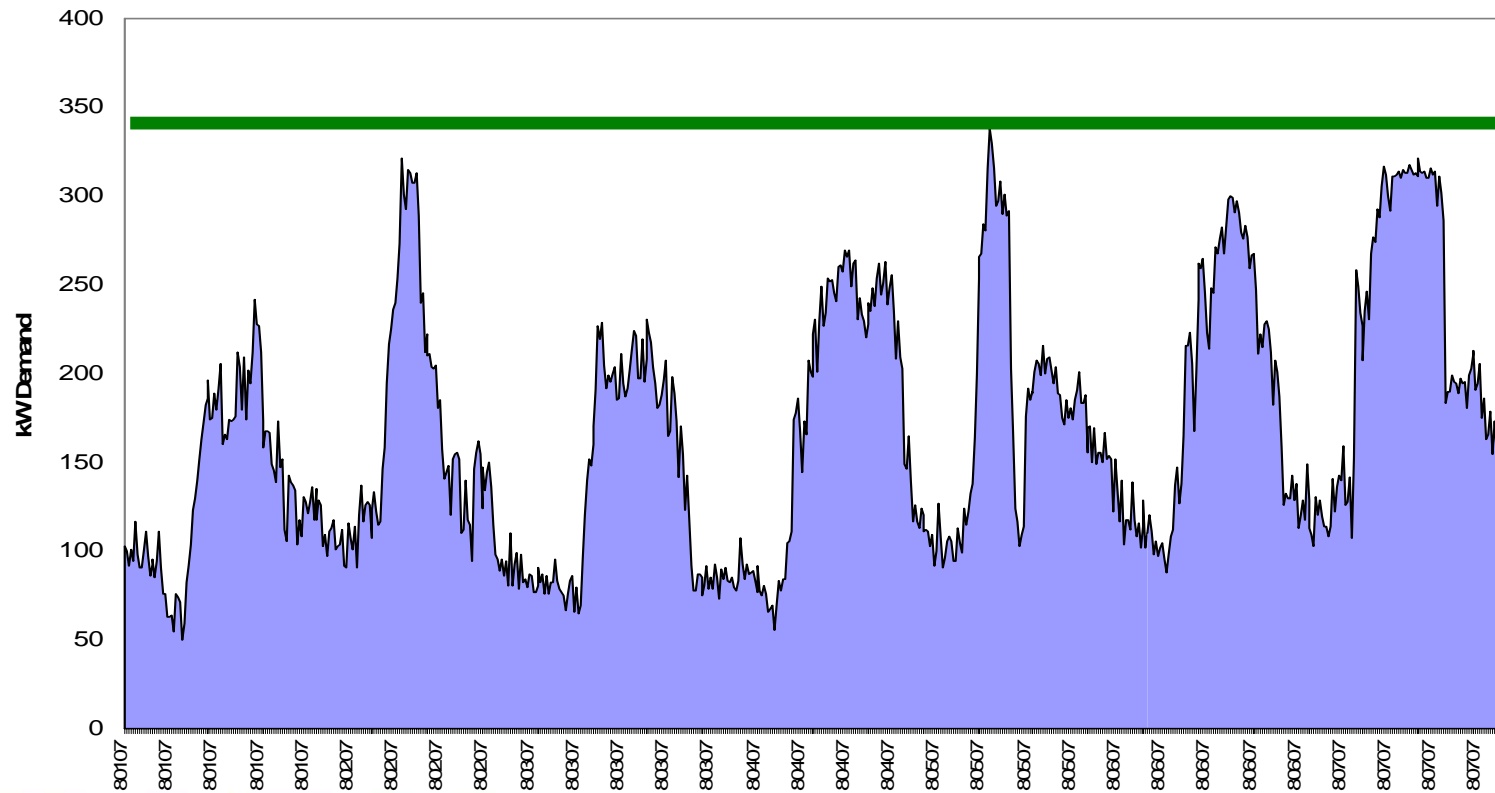
Impact of Load Factor on Price

Large Power customer using 850,000 kWh per Month Over Range of Load Factors



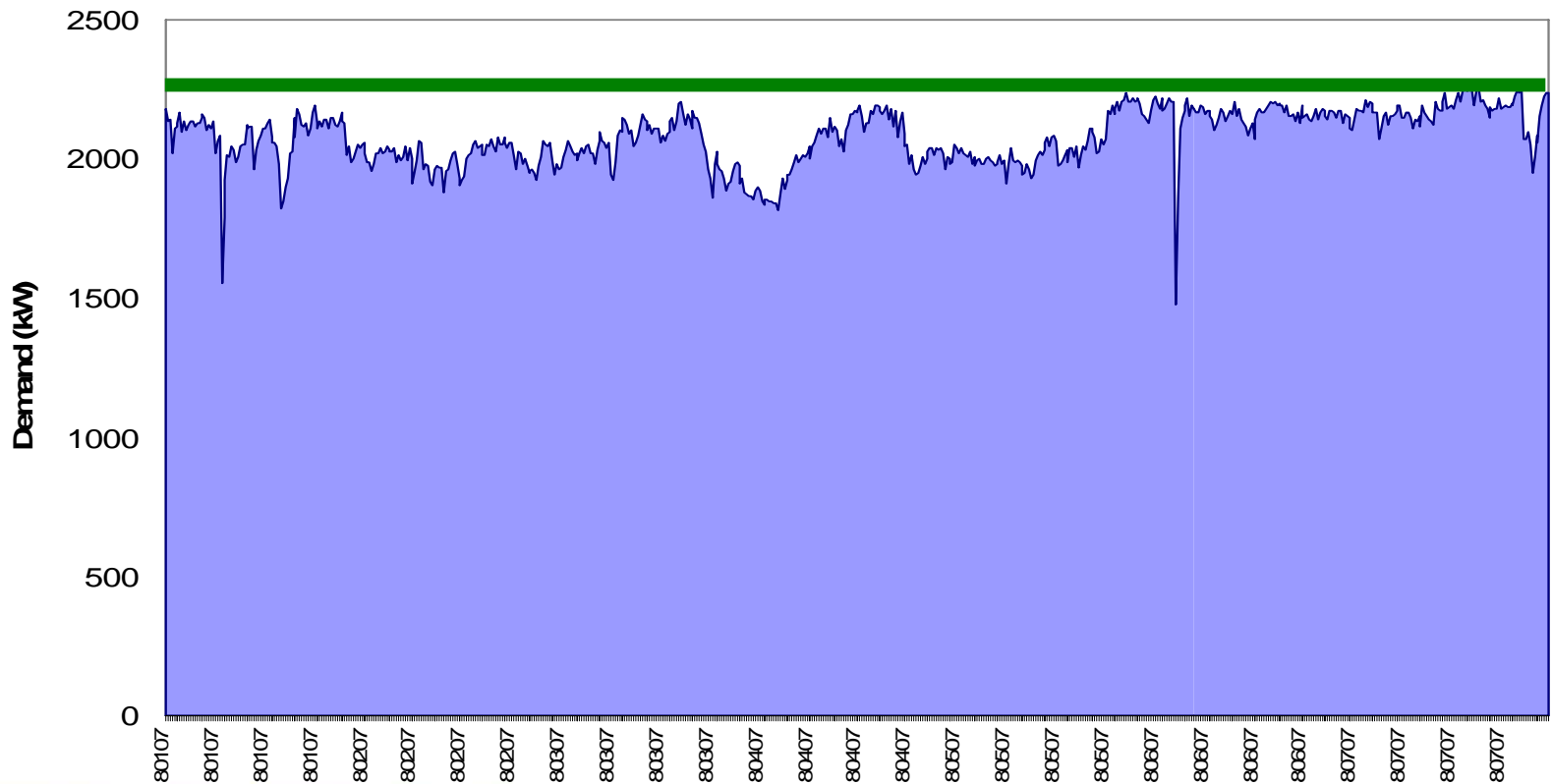
Load Profile – Church

August 1 – 7, 2007



Load Profile – Manufacturing

August 1 – 7, 2007



Customized Commercial Rebates

- Up to \$40,000 or 50% of project implementation cost, whichever is less
- Rebate is based on the amount of energy use reduction that can be directly attributed to the project
- GRU's Certified Energy Managers and customer's engineers create an incentive package to assist customer implement important upgrades



Recommendation

The Regional Utilities Committee:

- a) Hear a presentation from staff on GRU Large Power electric customers and conservation strategies;
- b) Remove this item from the referral list.