

## OVERVIEW

# YEARLY CUSTOMERS' CONSUMPTION PATTERN FOR GREEN ENERGY COMPANY

Year, Month

All

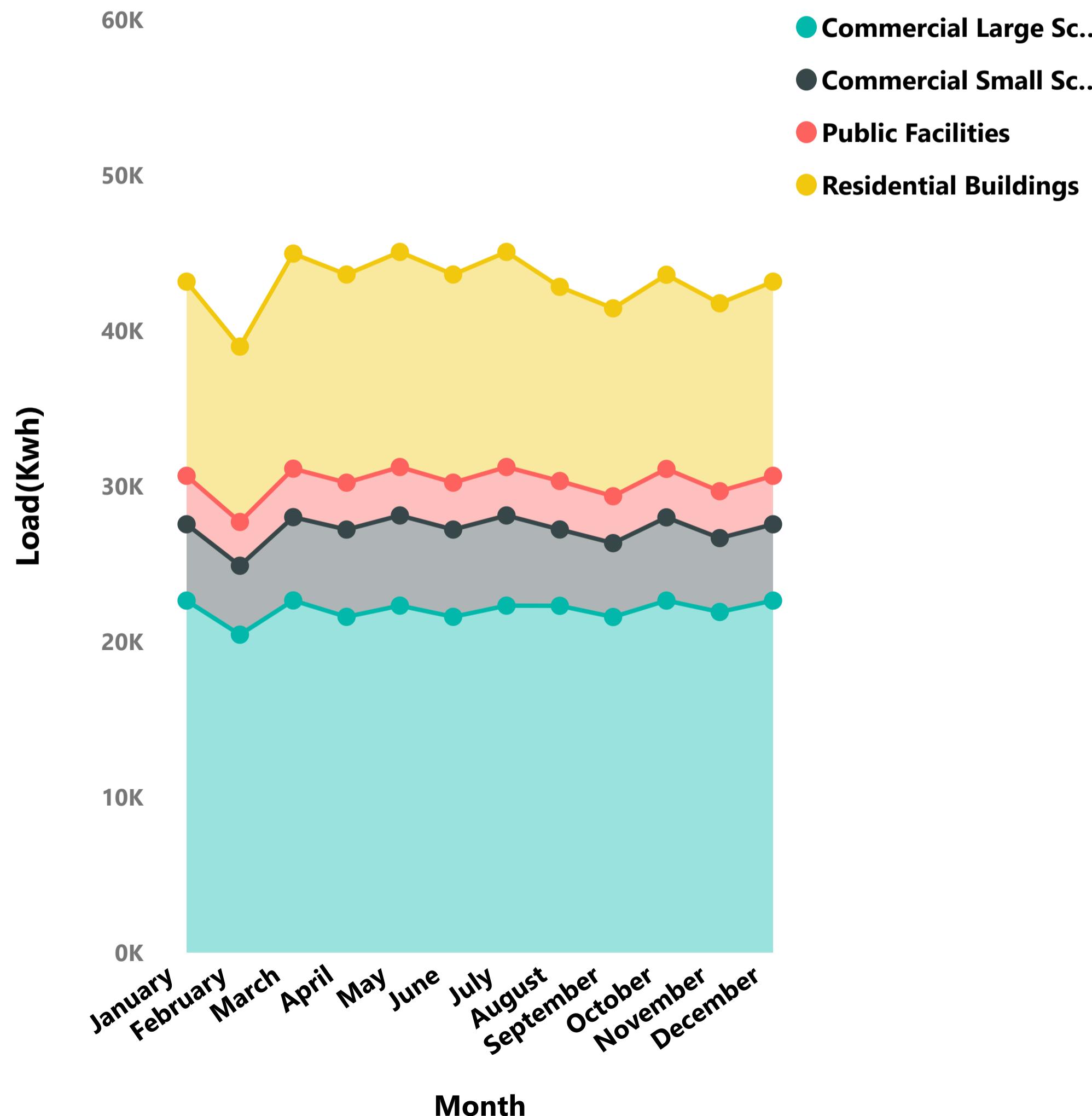
**Commercial Large Scale**  
**264,599.97**  
**Sum of Load(Kwh)**

**Commercial Small Scale**  
**62,167.44**  
**Sum of Load(Kwh)**

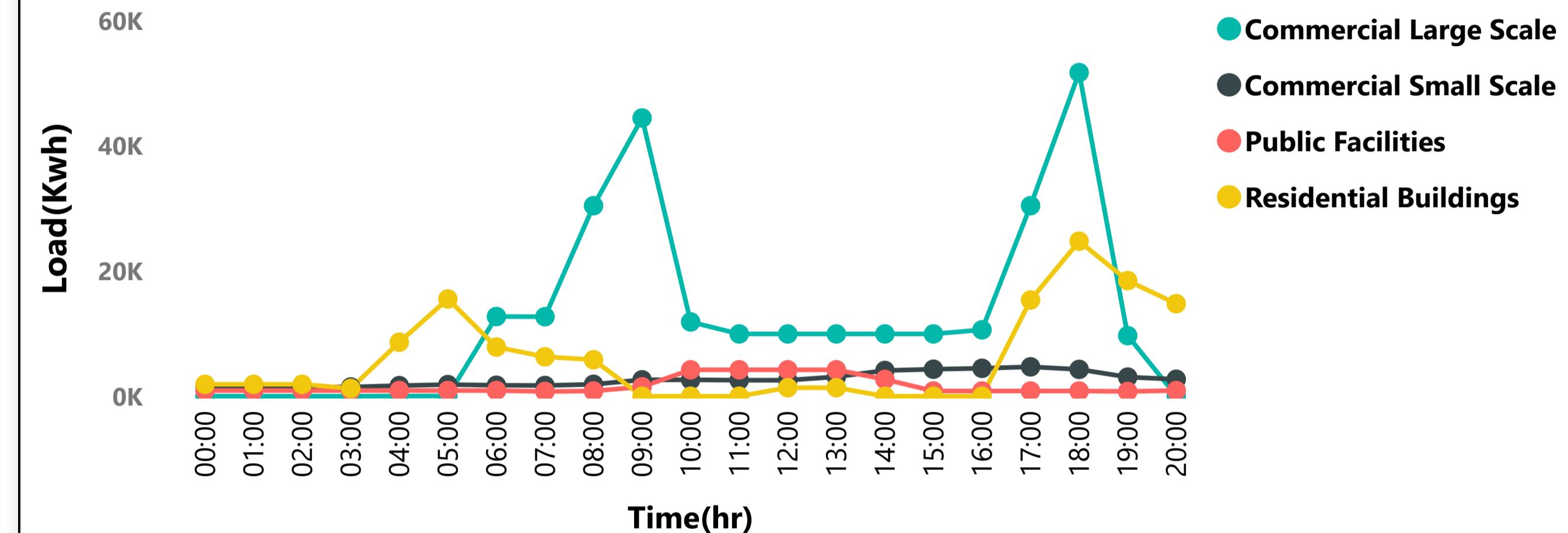
**Public Facilities**  
**36,675.93**  
**Sum of Load(Kwh)**

**Residential Buildings**  
**153,617.67**  
**Sum of Load(Kwh)**

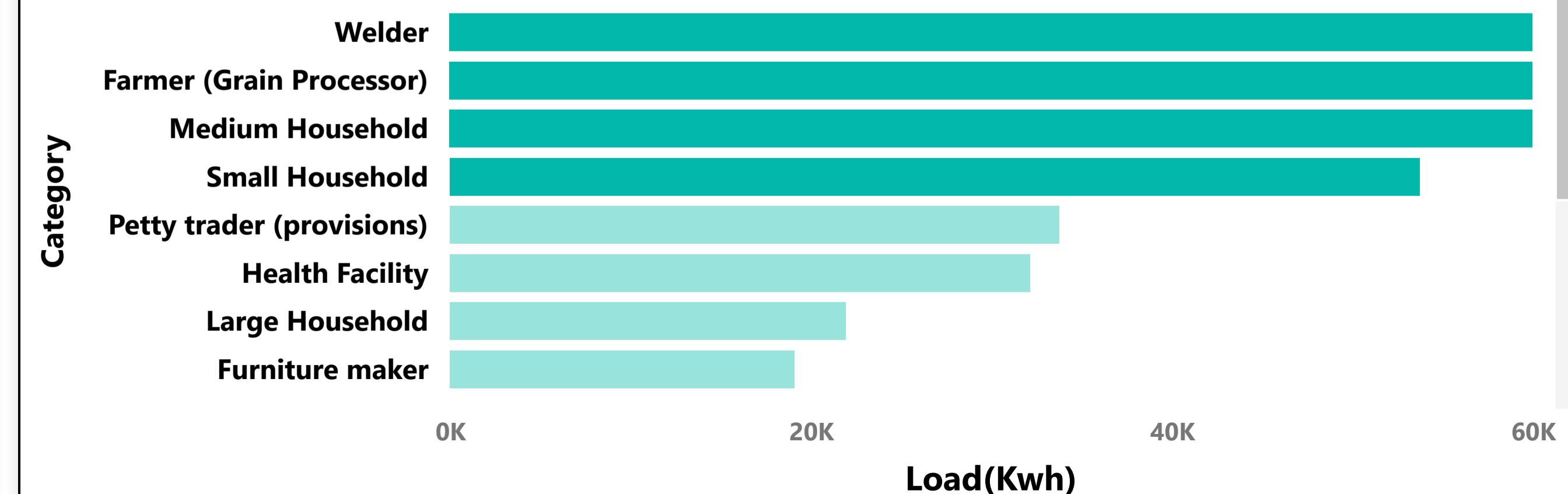
### Monthly Consumption



### Yearly Hourly Consumption



### Customer Consumption By Category



# YEARLY CUSTOMERS' CONSUMPTION PATTERN FOR GREEN ENERGY COMPANY

Year, Month

All

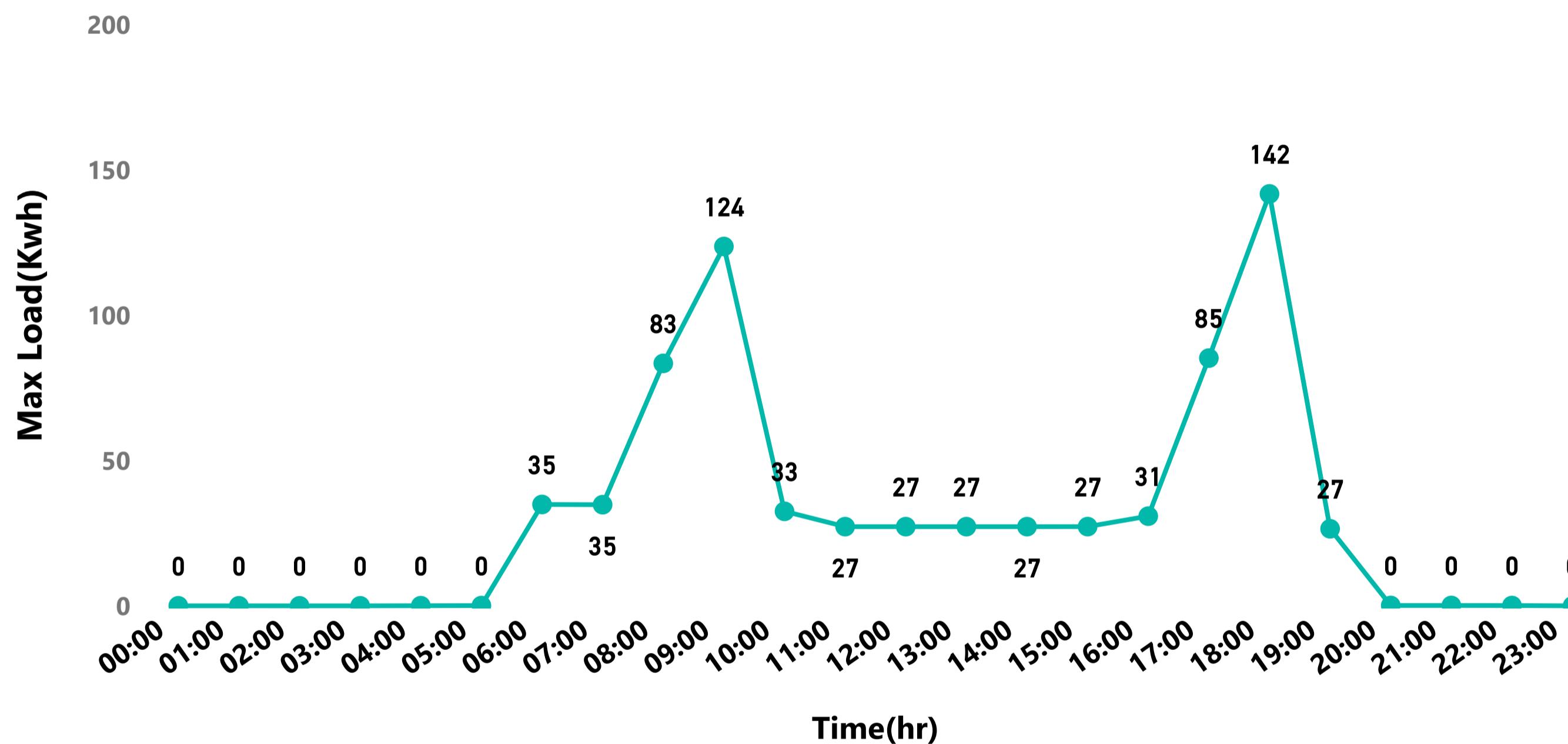
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**62,167.44**  
**Sum of Load(Kwh)**

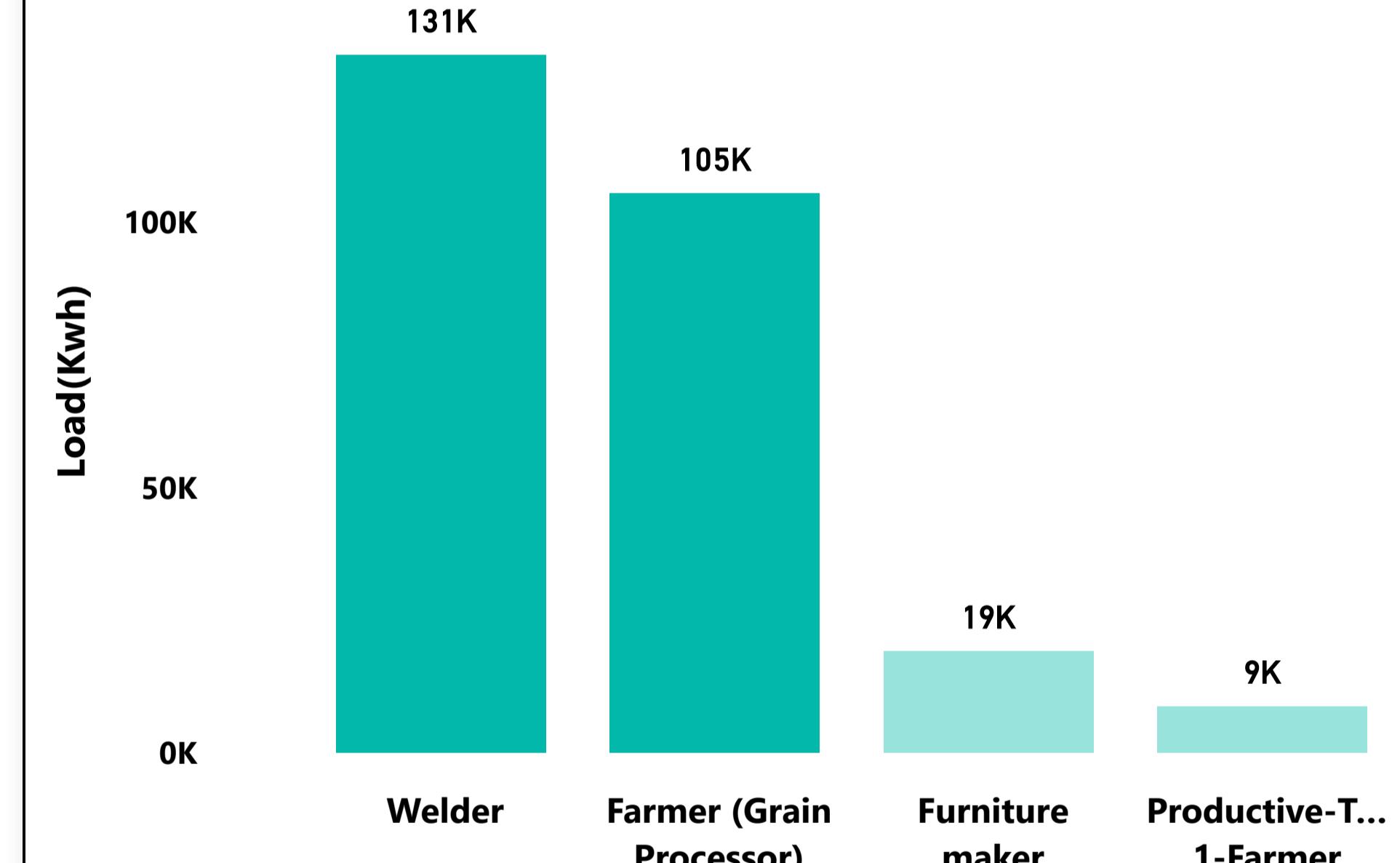
**Public Facilities**  
**36,675.93**  
**Sum of Load(Kwh)**

**Residential Buildings**  
**153,617.67**  
**Sum of Load(Kwh)**

## Yearly Maximum Hourly Consumption For Commercial Large Scale



## Yearly Consumption For Commercial Large Scale



## KEY INSIGHT

The bulk of revenue for green energy comes from Welder and Farm Processing with 50% and 40% consumptions respectively, Furniture makers also contribute 7% while productive farm contributes only 3%. From the curve, their peak period is between 6am to 10am and 4pm to 7pm

## RECOMMENDATION

Green Energy can carry out background evaluation on working equipment the two top consumers are lacking, if identified, they can both enter into agreement on how to finance the acquisition of the equipment, this will increase their Green Energy consumption and thereby increase revenue for Green Energy.

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Year, Month

All

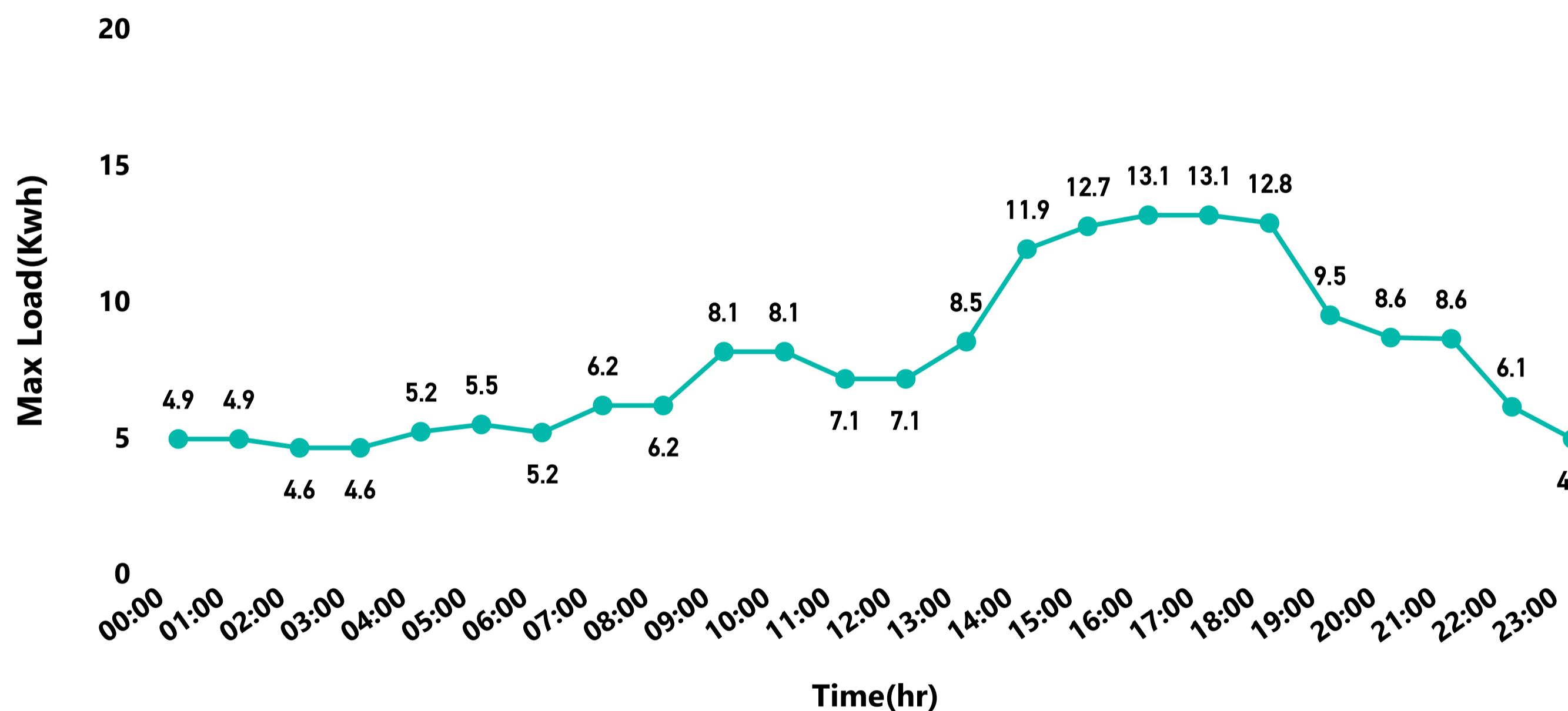
**Commercial Large Scale**  
**264,599.97**  
**Sum of Load(Kwh)**

**Commercial Small Scale**  
**62,167.44**  
**Sum of Load(Kwh)**

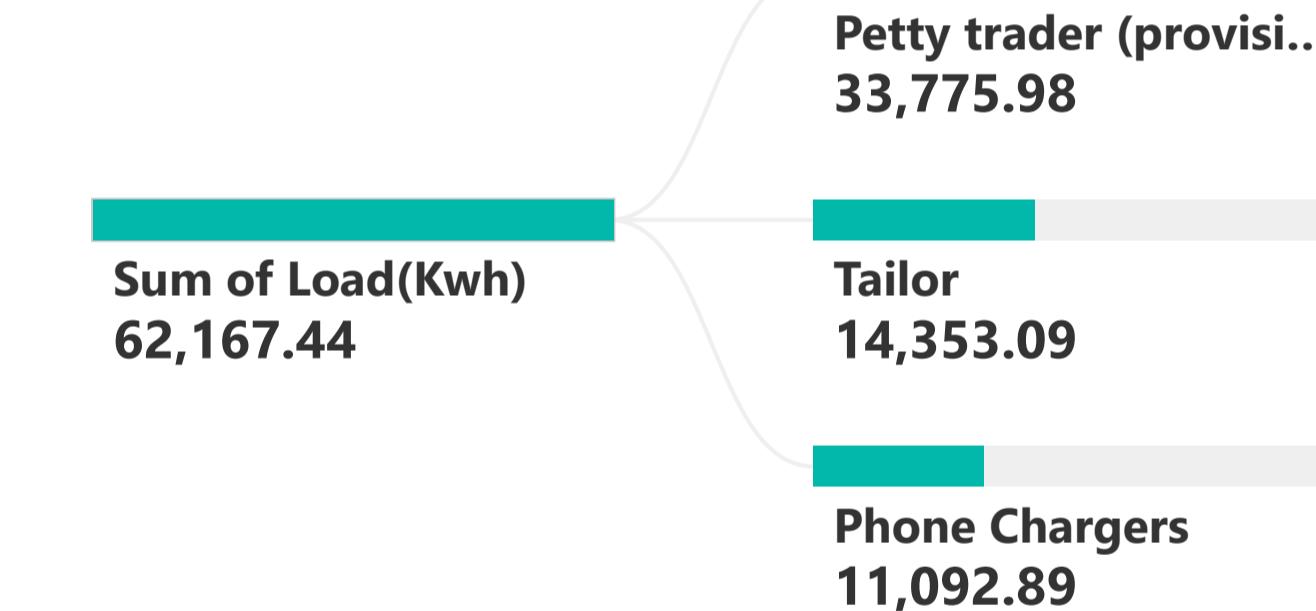
**Public Facilities**  
**36,675.93**  
**Sum of Load(Kwh)**

**Residential Buildings**  
**153,617.67**  
**Sum of Load(Kwh)**

## Yearly Maximum Hourly Consumption For Commercial Small Scale



Small Scale Cate... X



## KEY INSIGHT

The bulk of revenue for green energy for this category comes from Petty Traders, Tailors and Phone Chargers, with 54%, 23%, and 17% consumptions respectively. The peak period of consumption starts from 9am to 10pm at night. This is good for Green Energy Company as a renewable energy company.

## RECOMMENDATION

Since the top consumers has been identified with the nature of their businesses. These categories of customers might not be capable to acquire electrical appliances, this is an opportunity for Green energy to step in and carry out evaluation to see how the equipment financing can be possible. This will increase their consumption and thereby increase Green Energy Revenue.

# YEARLY CUSTOMERS' CONSUMPTION PATTERN FOR GREEN ENERGY COMPANY

Year, Month

All

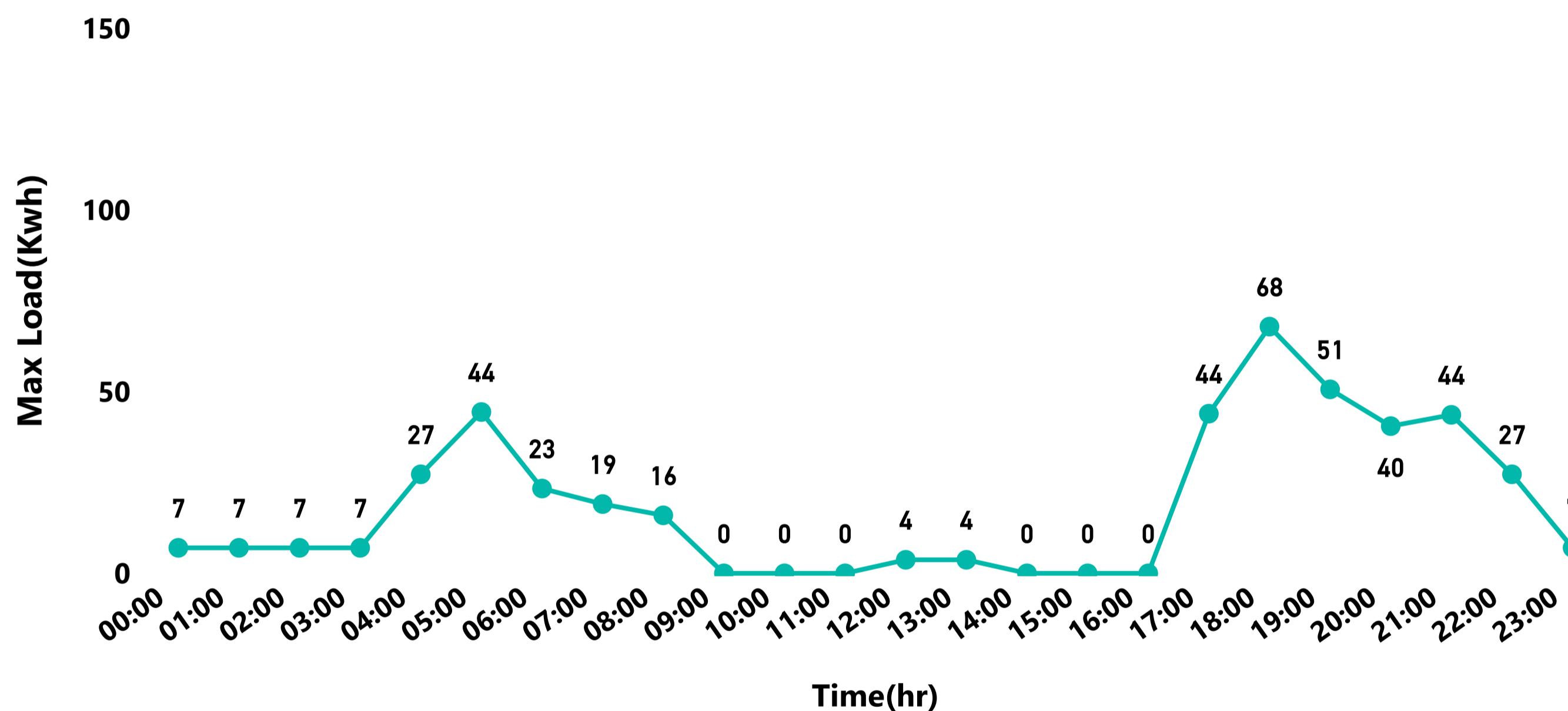
**Commercial Large Scale**  
**264,599.97**  
**Sum of Load(Kwh)**

**Commercial Small Scale**  
**62,167.44**  
**Sum of Load(Kwh)**

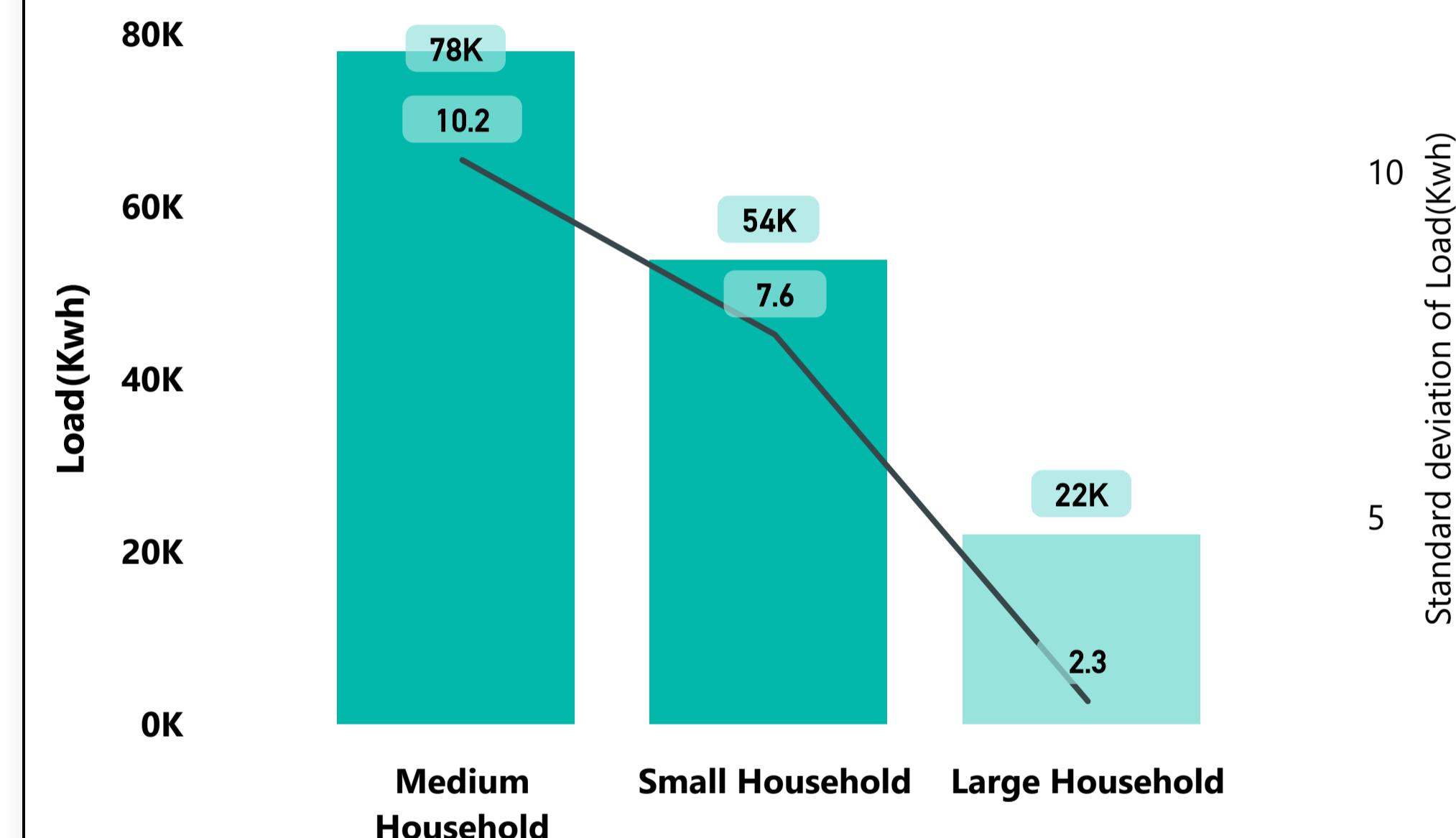
**Public Facilities**  
**36,675.93**  
**Sum of Load(Kwh)**

**Residential Buildings**  
**153,617.67**  
**Sum of Load(Kwh)**

## Yearly Maximum Hourly Consumption For Residential Building



## Yearly Consumption For Residential Building



## KEY INSIGHT

The bulk of revenue for green energy for this category comes from medium and small households with 50% and 35% consumptions respectively. The large households might be with few occupants, with the owners living in the Cities. The peak period is between 12am to 8am and 5pm to 11pm in the evening, when everyone is back from work to use electricity.

## RECOMMENDATION

Green energy should concentrate more on medium and small households, the visualization shows larger populations live in small and medium houses. The company should introduce appliance financing to boost their consumption. Appliance such as Fridge, freezer, television, Iron, fan and borehole, for them to have access to clean water.

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Year, Month

All

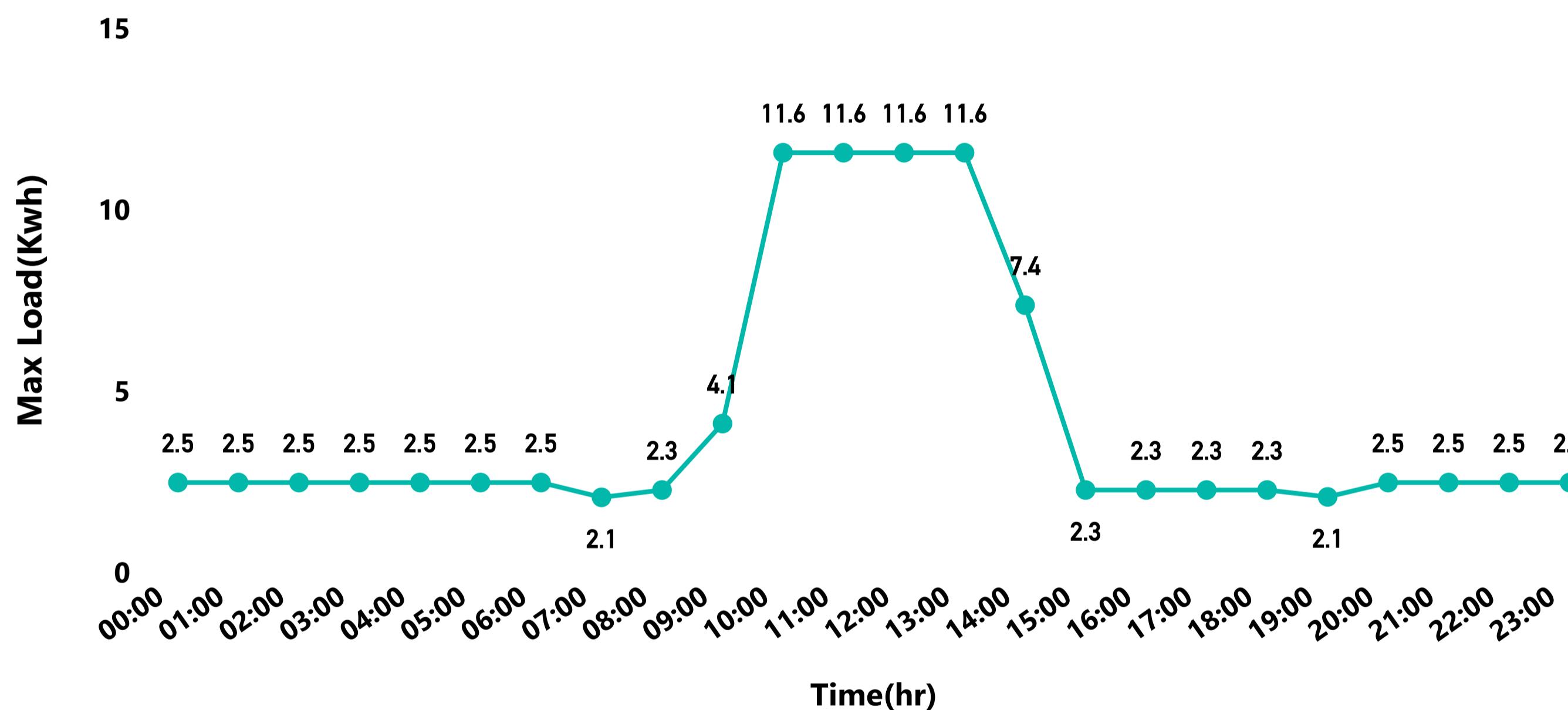
**Commercial Large Scale**  
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**Sum of Load(Kwh)**

**Commercial Small Scale**  
**62,167.44**  
**Sum of Load(Kwh)**

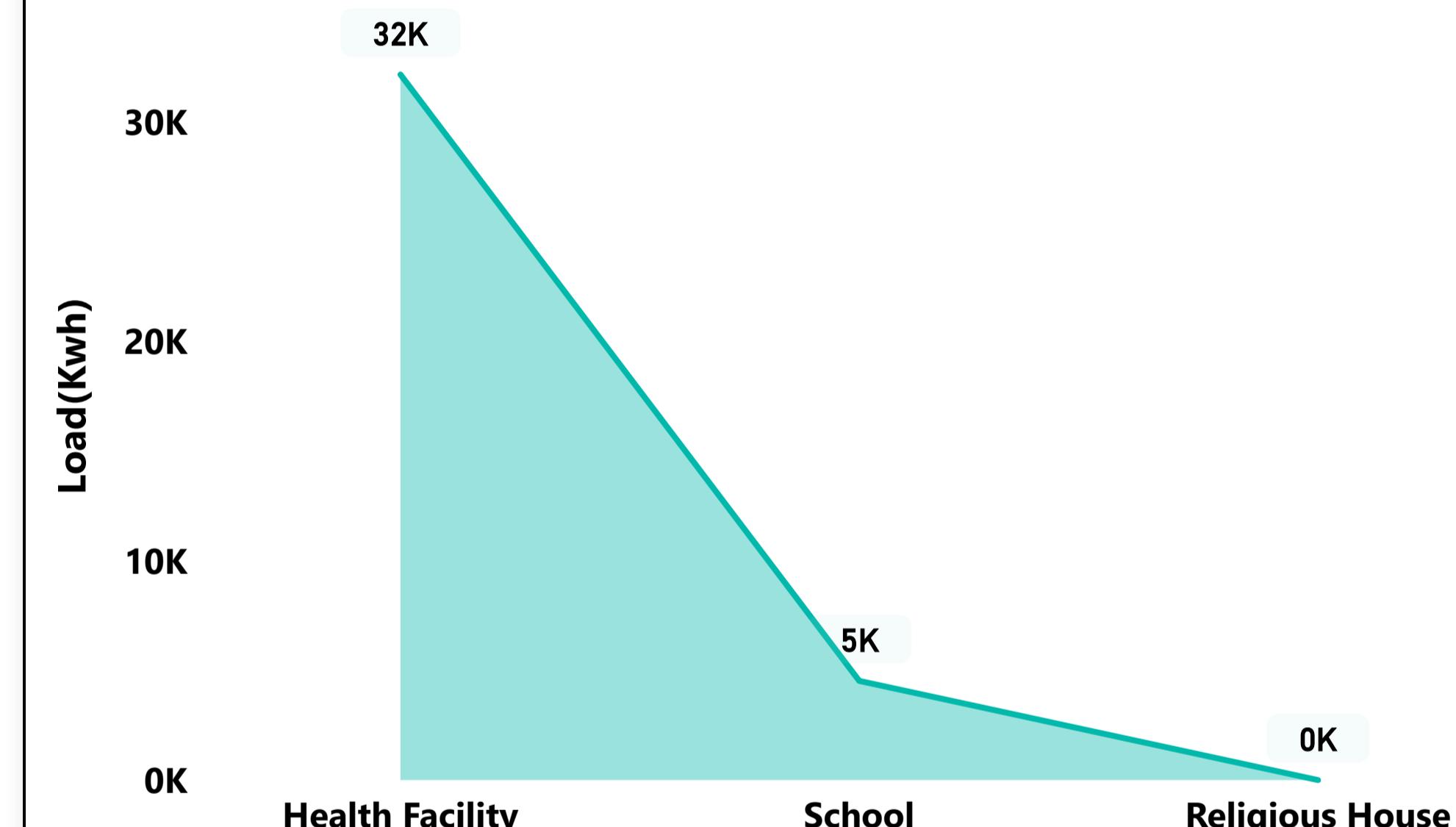
**Public Facilities**  
**36,675.93**  
**Sum of Load(Kwh)**

**Residential Buildings**  
**153,617.67**  
**Sum of Load(Kwh)**

## Yearly Maximum Hourly Consumption For Public Facilities



## Yearly Consumption For Public Facilities



## KEY INSIGHT

The bulk of revenue for green energy for this category comes from health facilities and schools, with 89% and 14% consumptions respectively. The peak period is between 9am to 2pm. This shows when the schools open and close, as well as when patients visit hospitals

## RECOMMENDATION

The peak period for schools and hospitals should not be the period for maintenance to avoid losing money. If hospitals in the town or community do not have borehole, this is an opportunity for green energy to encourage them to do borehole for their respective hospitals, this will increase the consumption for green energy while customers derive maximum satisfaction from energy delivered.