

# PLUG Conference 2016

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# Air Canada Centre



# System Diagram



MAPLE LEAF SPORTS + ENTERTAINMENT

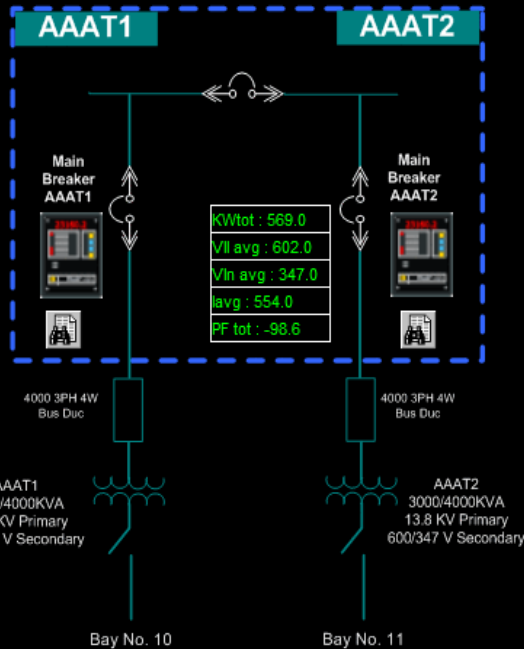


Alarms



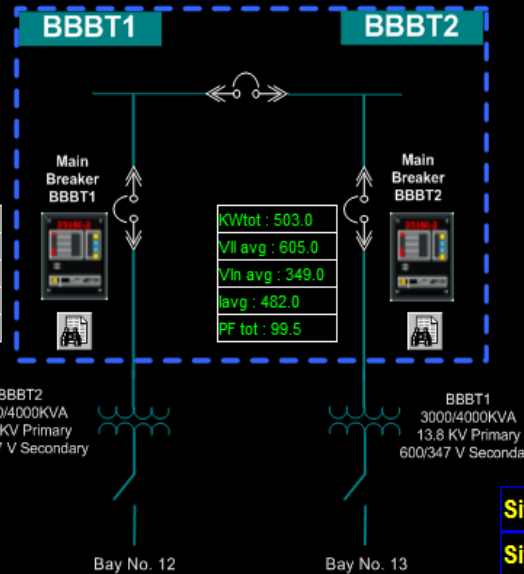
Catwalk/Mech Level  
East Electrical Room

KWtot : 1,338.0

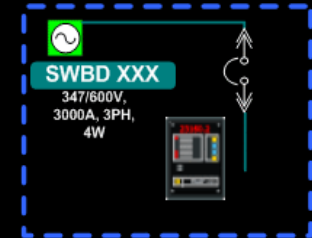


Catwalk/Mech Level  
West Electrical Room

KWtot : 955.0



SWBD XXX



**Site KWH Total : 83,353,066.4**

**Site KVA Total : 2,322.0**

**Site KW Total : 2,293.0**

**Site KVAR Total : -169.0**

# WAGES



MAPLE LEAF SPORTS + ENTERTAINMENT

[Back to Network](#)

## CHW Water

Total consumption 9,056,550.0 Tons-Hrs

15 Min Consumption 55.0 Tons-Hrs

## Winter Steam

Total consumption 63,511,590.0 Lbs

15 Min Consumption 130.0 Lbs

## Summer Steam

Total consumption 207,339.0 Lbs

15 Min Consumption 0.0 Lbs

**Domestic Cold Water** Total consumption 155,347.5 Cubic m.

15 Min Consumption 1.0 Cubic m.

## WAGES Data Log

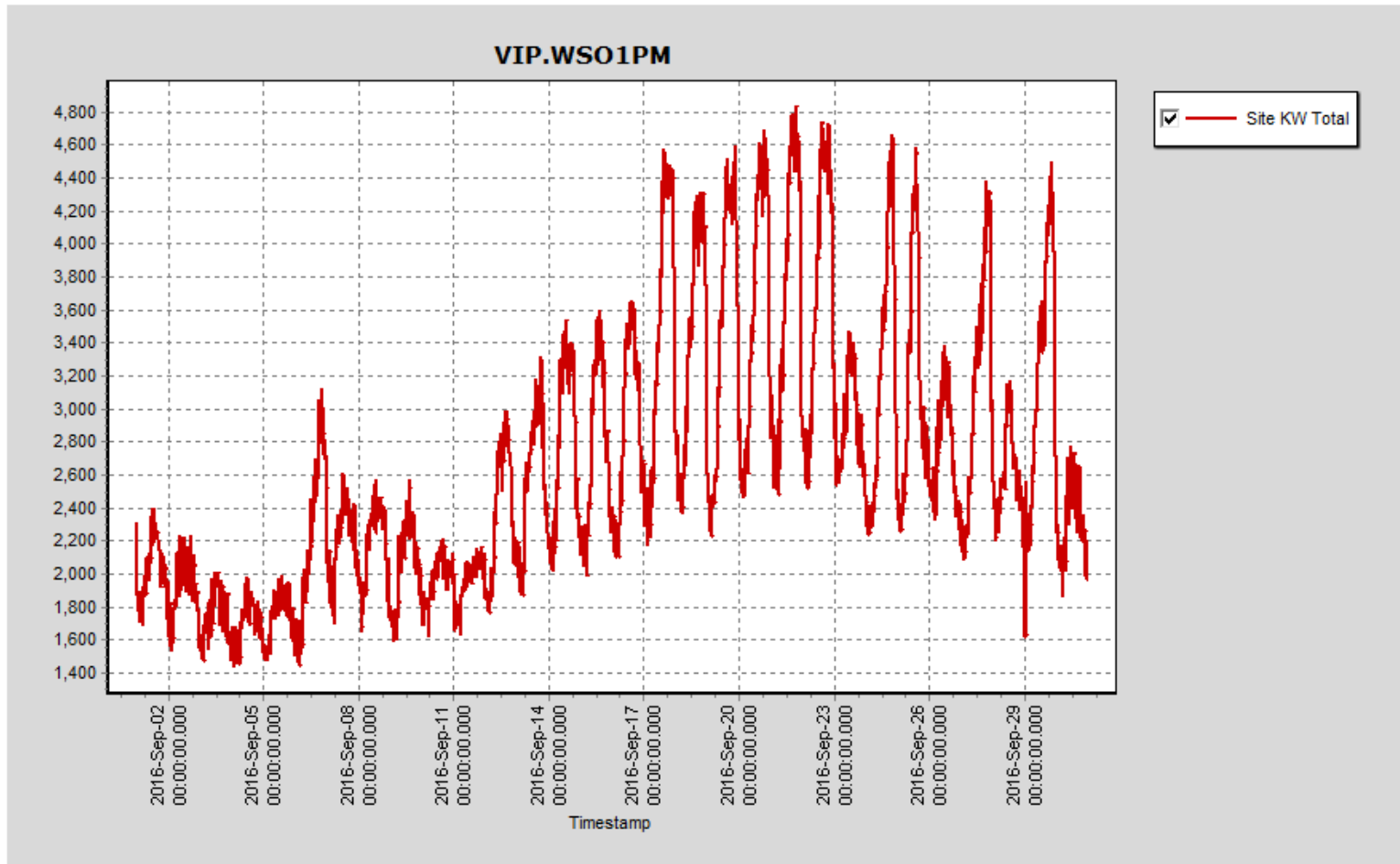


15 min Consumption

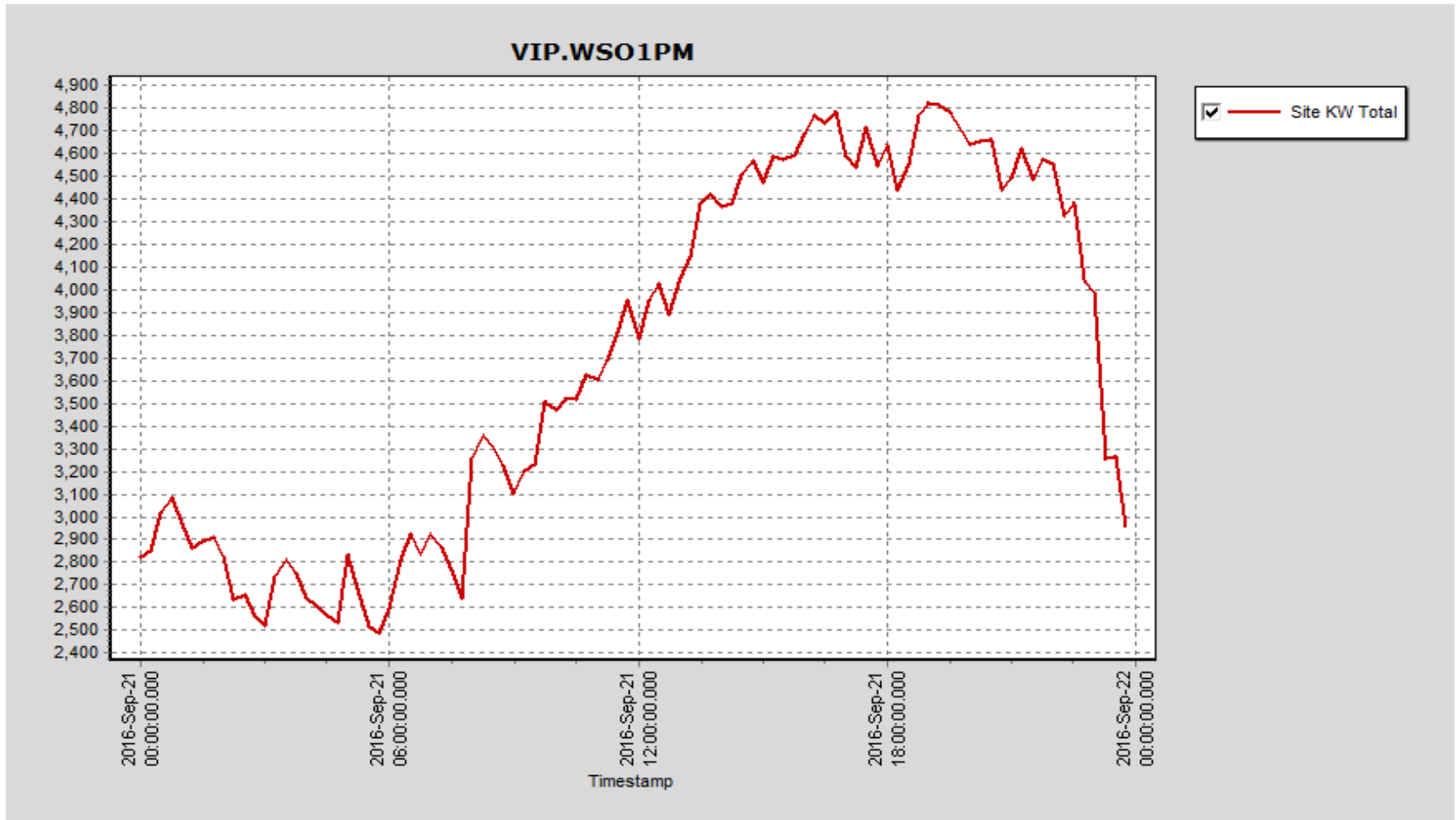


Daily Consumption

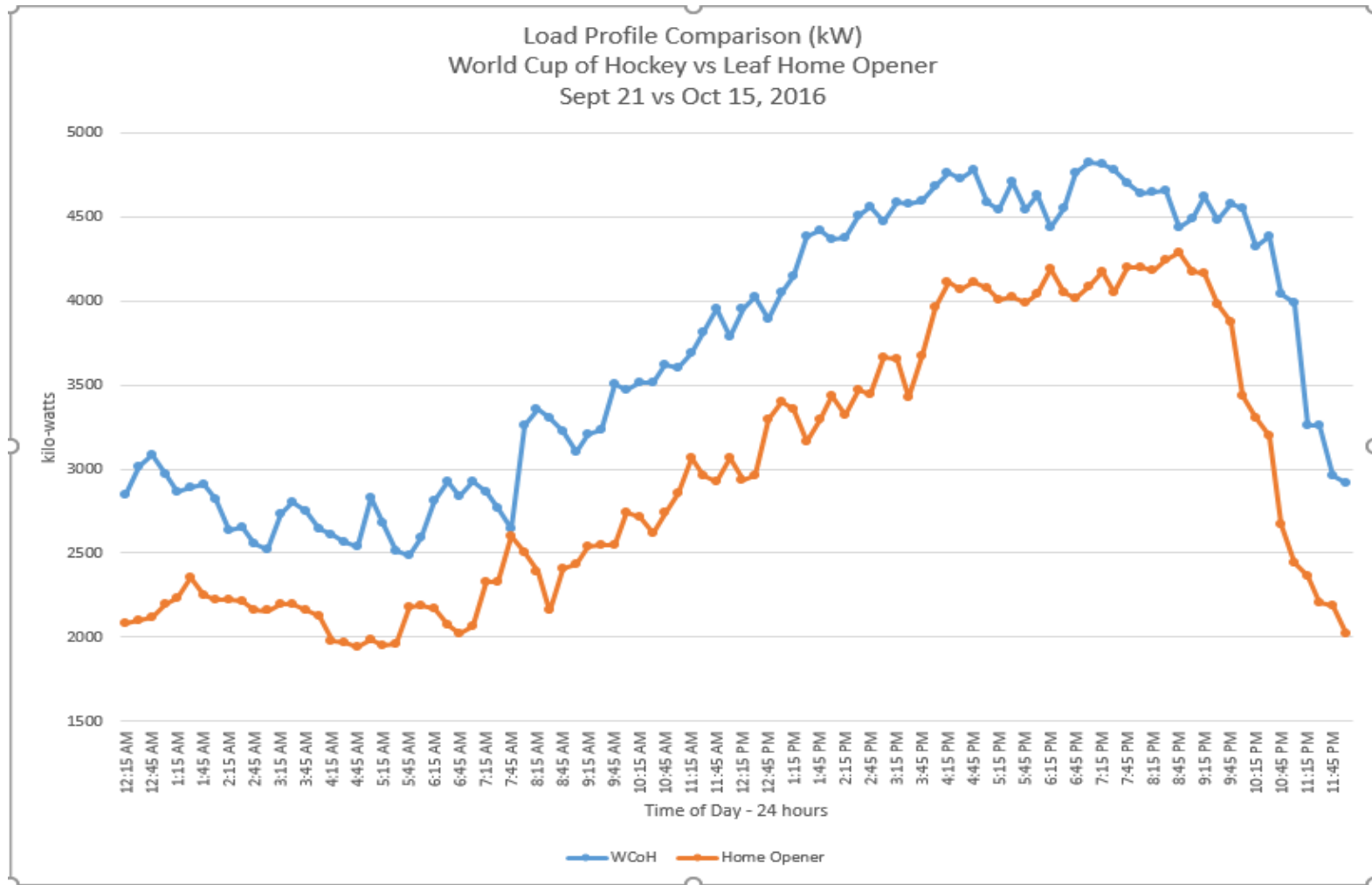
# September 2016 Load Profile



# September 21 – World Cup of Hockey North America vs Sweden Europe vs Canada



# Load Profile Comparison



# Monthly Reports

- Reports
  - ACC Reports
    - Monthly Chilled Water Consumption
    - Monthly Domestic Cold Water Consumption
    - Monthly Hydro Consumption
    - Monthly Summer Steam Consumption
    - Monthly Winter Steam Consumption
  - Default Reports

### Monthly Hydro Consumption

hide inputs

**Title** Monthly Hydro Consumption

**Sources** Select Sources VIP.WSO1PM

**Measurements** Select Measurements Daily Site kWh Tot

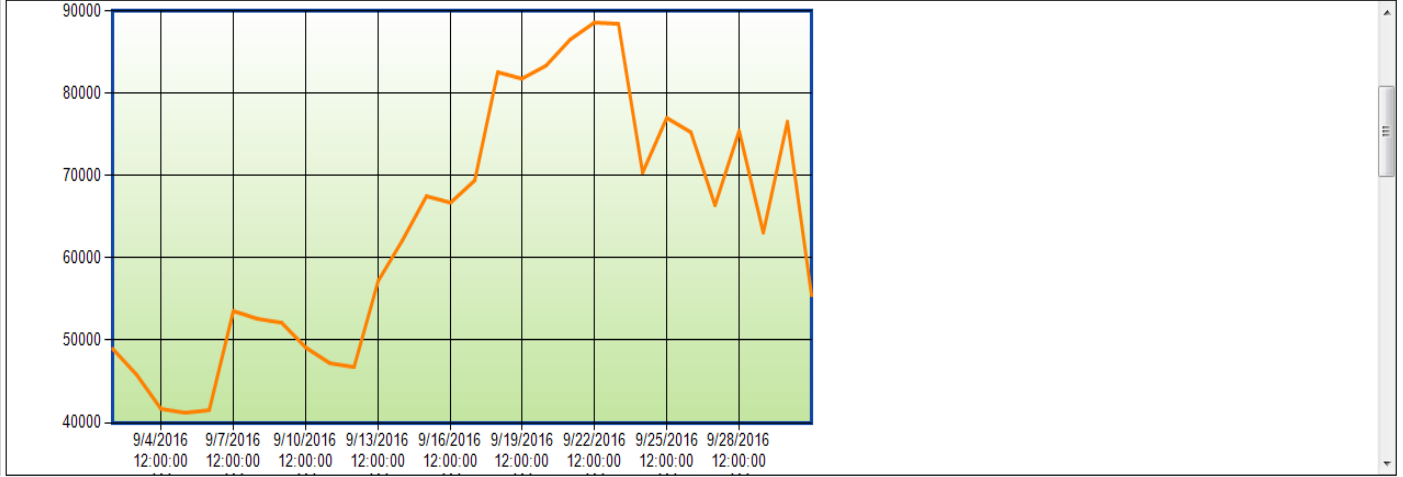
**Chart Type** Line

**Reporting Period** Last Month [start of day 9/1/2016 to end of day 9/30/2016]  
Server Local Time

**Include Data Warnings**  Yes  No

Generate Report

1 of 1 Select a format



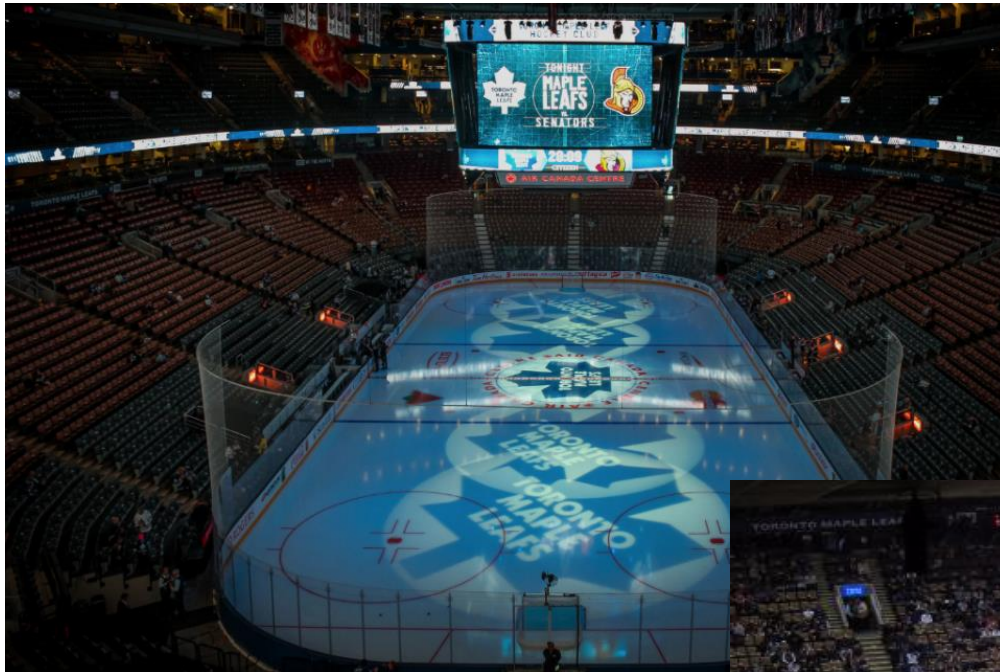




# What's Next?

- ION 8650 power quality meter by Toronto Hydro
- Upgrade and expand meter network
- Class A vs Class B classification
- CDM – load shed using dedicated generator
- Update lighting technologies

Thank you!



Go Leafs Go!

Go Raptors Go!

