



CITY OF FORT LAUDERDALE

# Advanced Metering Infrastructure (AMI)

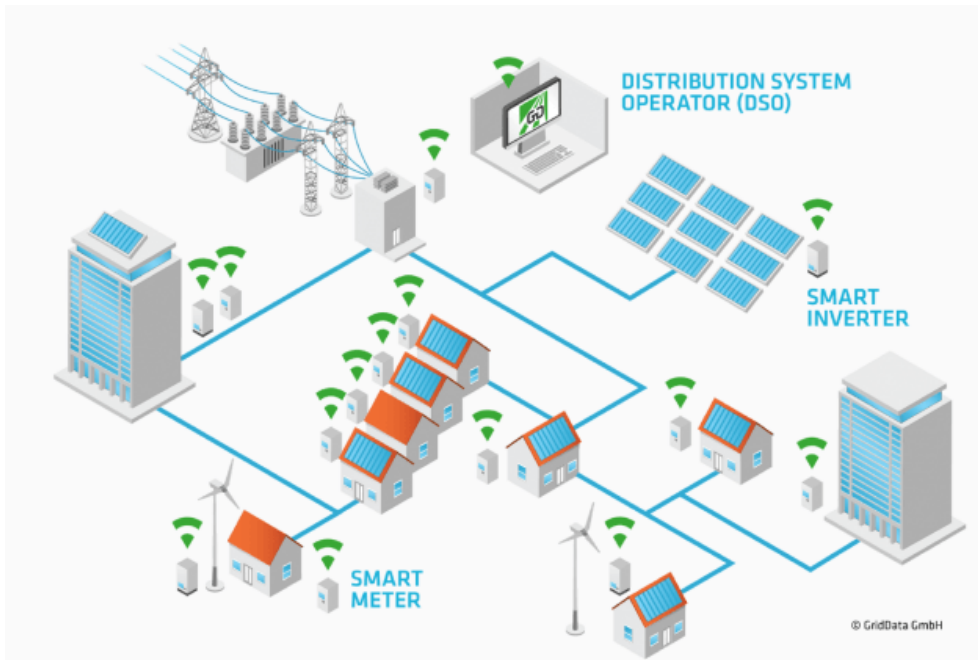
Public Works Department

Glen Hadwen

May 18, 2021



## Where we are now:



- Public Works is preparing to pilot test AMI equipment from six (6) water meter providers
- Pilots will likely begin in July and last approximately six (6) months
- Staff will evaluate each
  - Brand;
  - communication technology (cellular and radio);
  - meter data management technology;
  - installation software and services; and
  - customer portals

Total cost for the six (6) pilots is \$54,795



# Participating Meter Providers





# Pros and Cons

## Pros

- Eliminates manual reads
  - Expected savings of \$540,000 annually
- Automated alerts for leaks, high consumption, reverse flow, tampering
- Improved data available to neighbors and staff
- Reduced water loss
- Revenue recovery – improved accuracy
- Consumer set alert thresholds for consumption (conservation)
- Reduced truck inventory

## Cons

- High up-front cost to implement
- Possible neighbor resistance
- Requires neighbor education
- Potential for higher bills due to improved accuracy



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# Customer Dashboard

Powered by **AquaHawk**  
METRICS

Water Maps Account Management

Help Rick Johnson

Export My Thresholds

04/06/2021 Water Threshold: Water use exceeding a user defined threshold

Meter # 58254070 Radio # 200223174

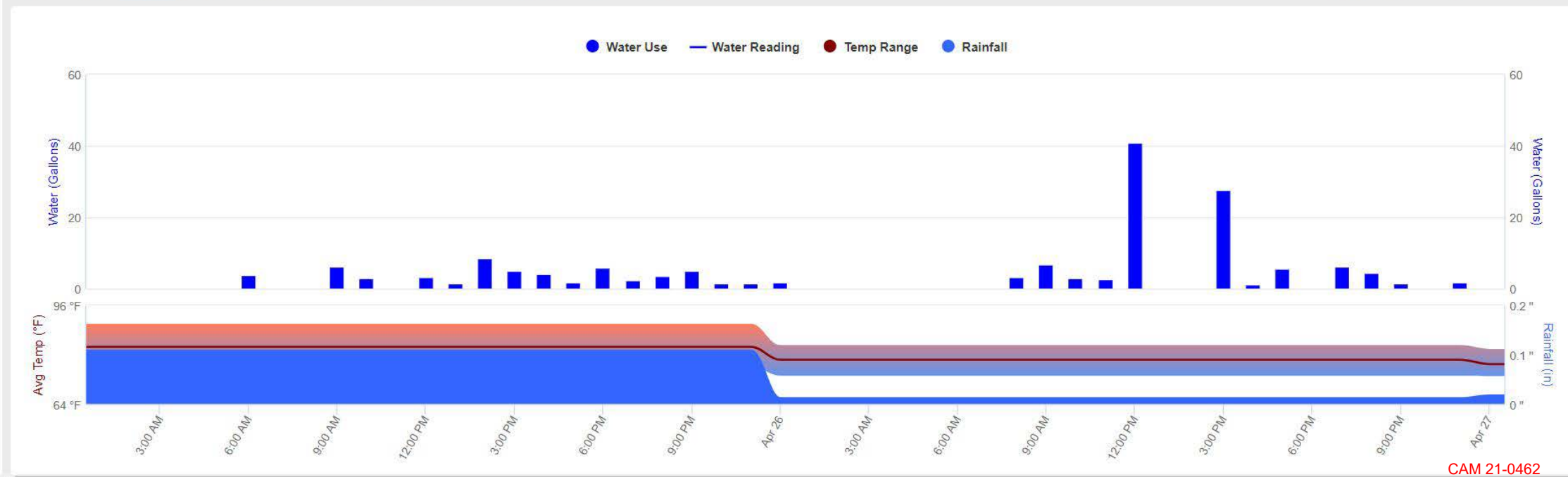
Last 48 Hours (Sun Apr 25, 2021 1:00 AM - Tue Apr 27, 2021 12:00 AM)

163.7 Gallons (0 min, 3.41 avg, 40.9 max)

Back 24 hours 48 hours 72 hours 30 days 45 days 365 days 12 months

Enter date to view

Actual View Accumulating View





# AMI Implementation Timeline

