



CITY OF FORT LAUDERDALE

Advanced Metering Infrastructure (AMI)

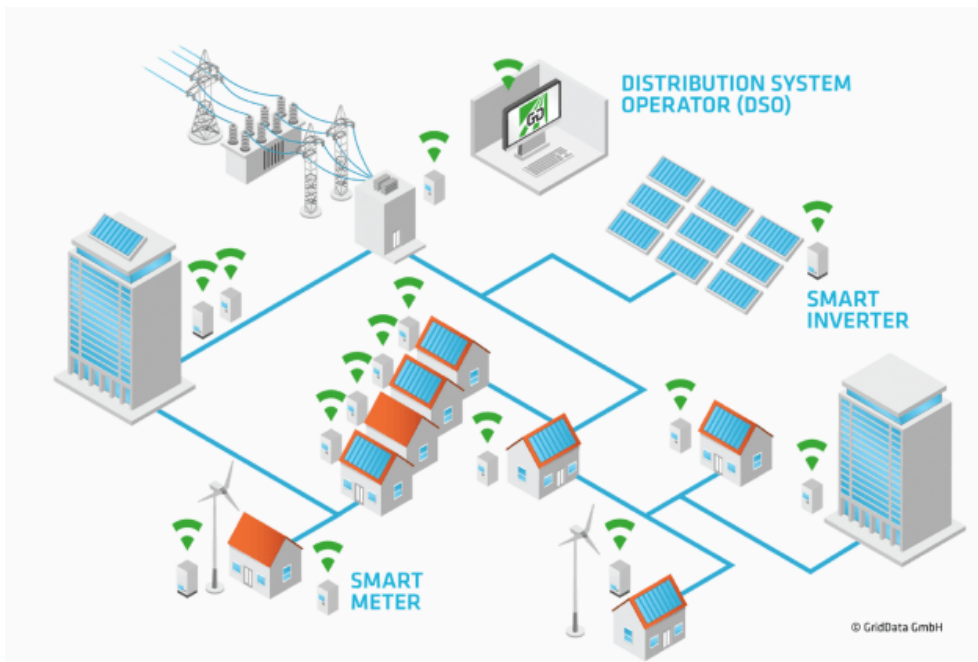
Public Works Department

Glen Hadwen

June 1, 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
 - Meter performance;
 - 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
- Improved accuracy
- Reduced water loss

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

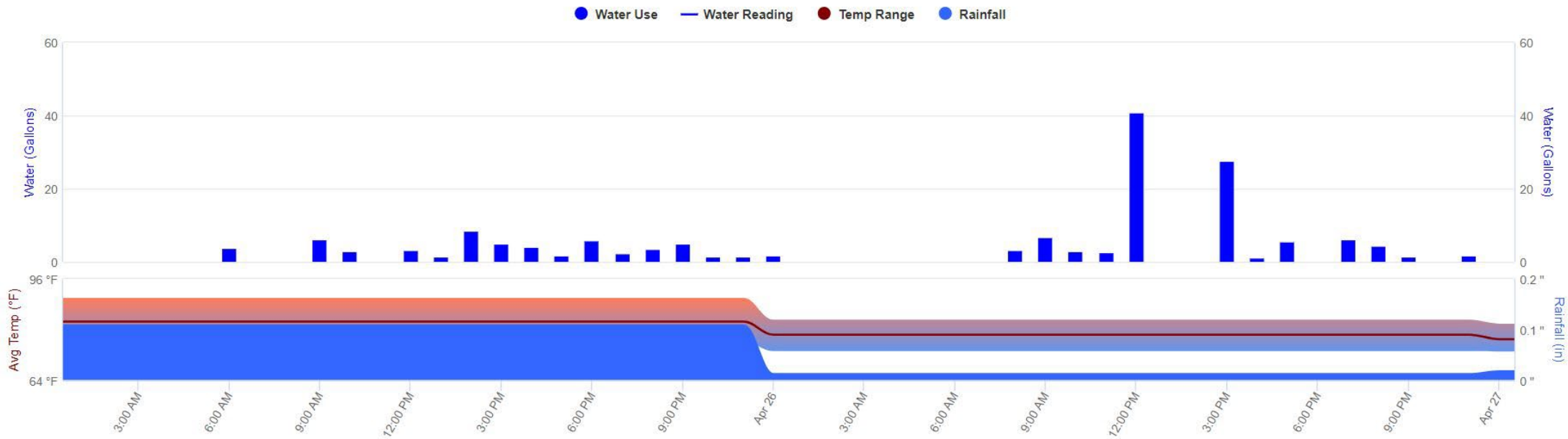
Last 48 Hours (Sun Apr 25, 2021 1:00 AM - Tue Apr 27, 2021 12:00 AM)

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



CAM #21-0553

Exhibit 3

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AMI Implementation Timeline

- July 2021 – Implement Pilot Programs
- July 2021 to January 2022 – Data Collection
- February to March 2022 – Product Evaluations and Selection