



Disadvantaged Communities Initiative Update

Conservation and Local Resources

Item 3b

March 10, 2020

Regional & Local Approach of the DAC Initiative

Regional Pilot Program

Enhanced incentive for pre-1994 multi-family

Local Support for Agencies

For targeted DAC programs

Grant Funding Support

Assistance pursuing grants

Metropolitan's Disadvantaged Communities Initiative

Regional Pilot Program

Enhanced incentive for pre-1994 multi-family

For targeted DAC programs

Assistance pursuing grants

- Targeted older, multi-family buildings
- Provided \$250 rebate for premium high efficiency toilets ≤ 1.1 gallon per flush (gpf)
- Pre-install inspections conducted on all sites to collect relevant data

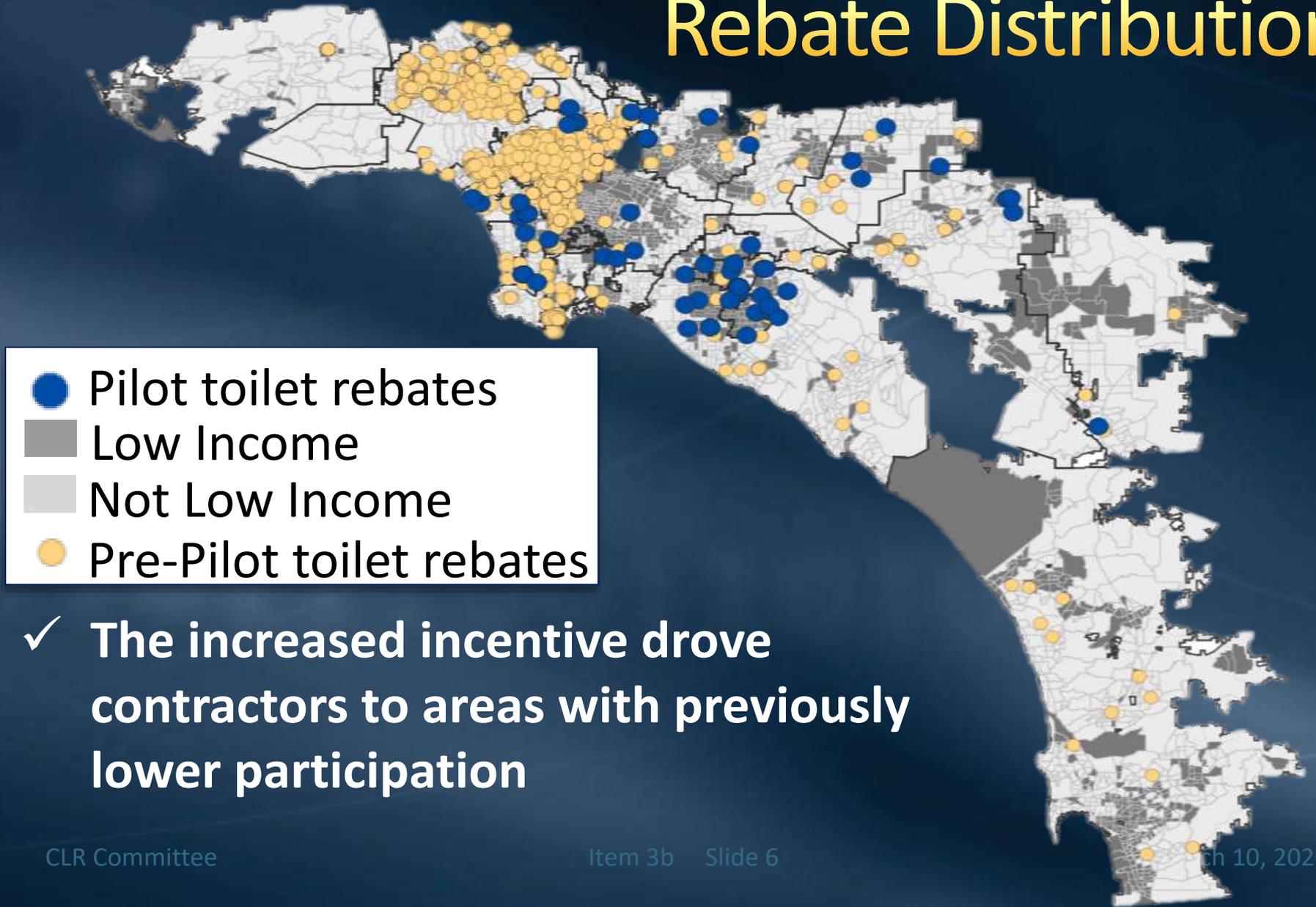
Regional Pilot Program: Why Toilets in Multi-Family Properties?

- Based on multi-family toilet rebate program activity data
- Multi-family have historically been harder to reach than single family
- Contractors are drawn to areas with higher funding levels especially in multi-family

Pre-Pilot Multi-Family Toilet Rebate Distribution



Pre- and Post-Pilot Multi-Family Toilet Rebate Distribution



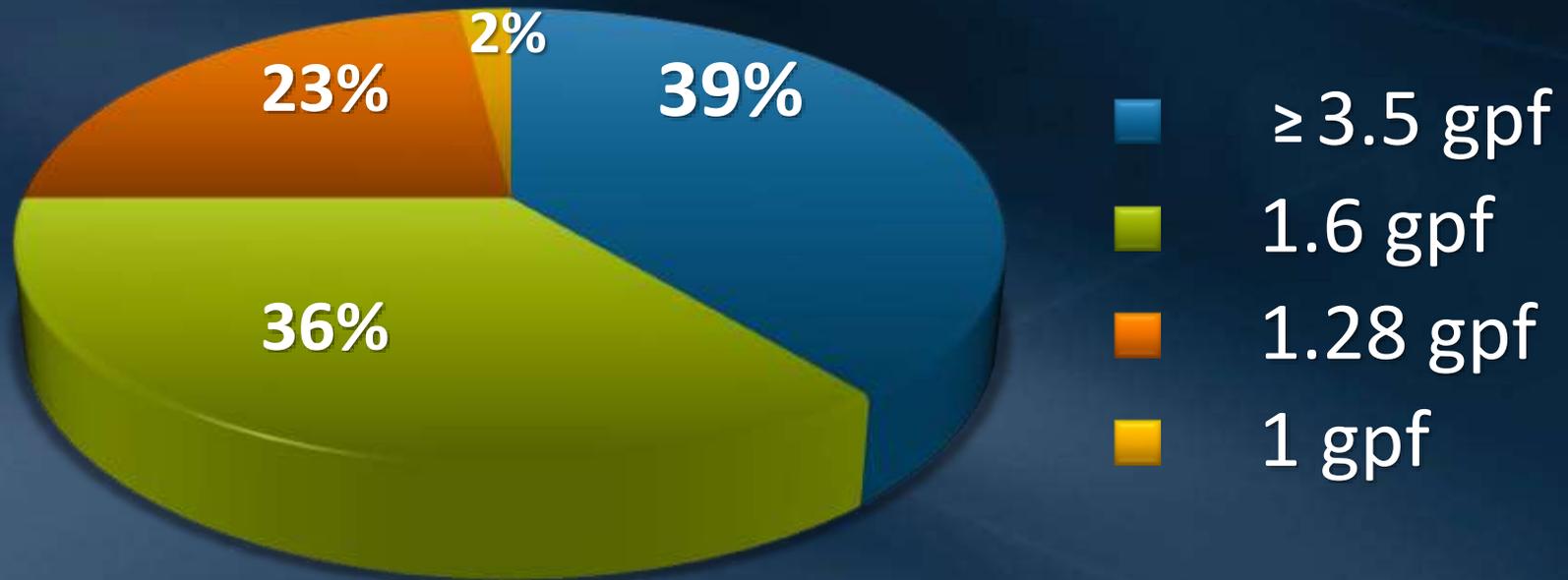
- ✓ **The increased incentive drove contractors to areas with previously lower participation**

Program Results

All installations & inspections complete

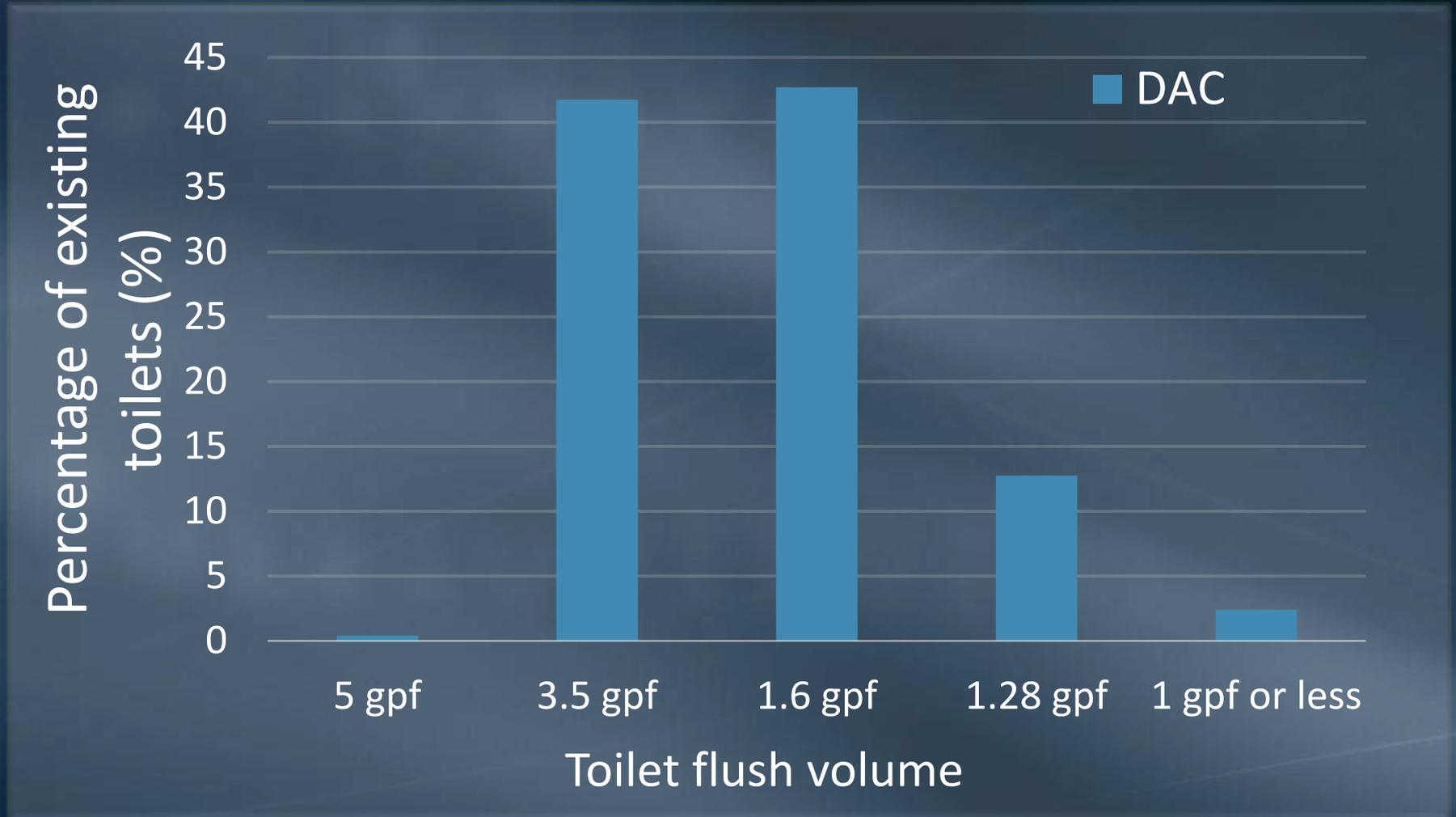
- Applications processed: **67**
- Number of toilets retrofitted: **7,963**
- Estimated water savings: **3,650 af lifetime**
- Percentage of buildings in DAC: **54%**

Toilet Flush Volumes

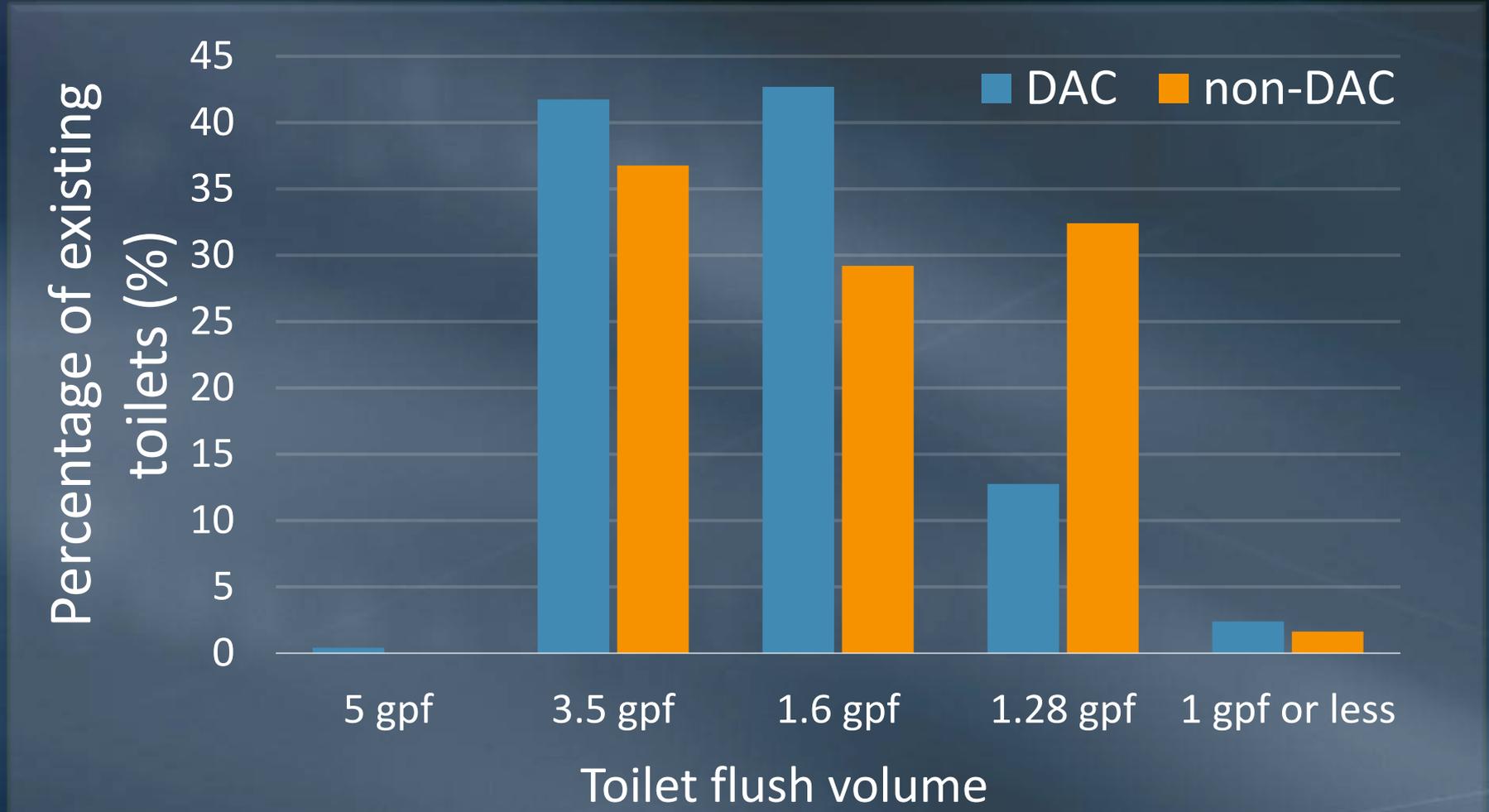


- 75% of the existing toilets inspected were ≥ 1.6 gpf
- No sites had previously participated in rebate program

Pre-Installation Inspection Data: DAC



Pre-Installation Inspection Data: DAC and Non-DAC



Toilets in DAC buildings tend to have higher flush volumes than those in non-DAC buildings

Estimated Water Savings: DAC vs. Non-DAC

OVERALL ESTIMATED ACRE-FEET SAVINGS

3,650

DAC

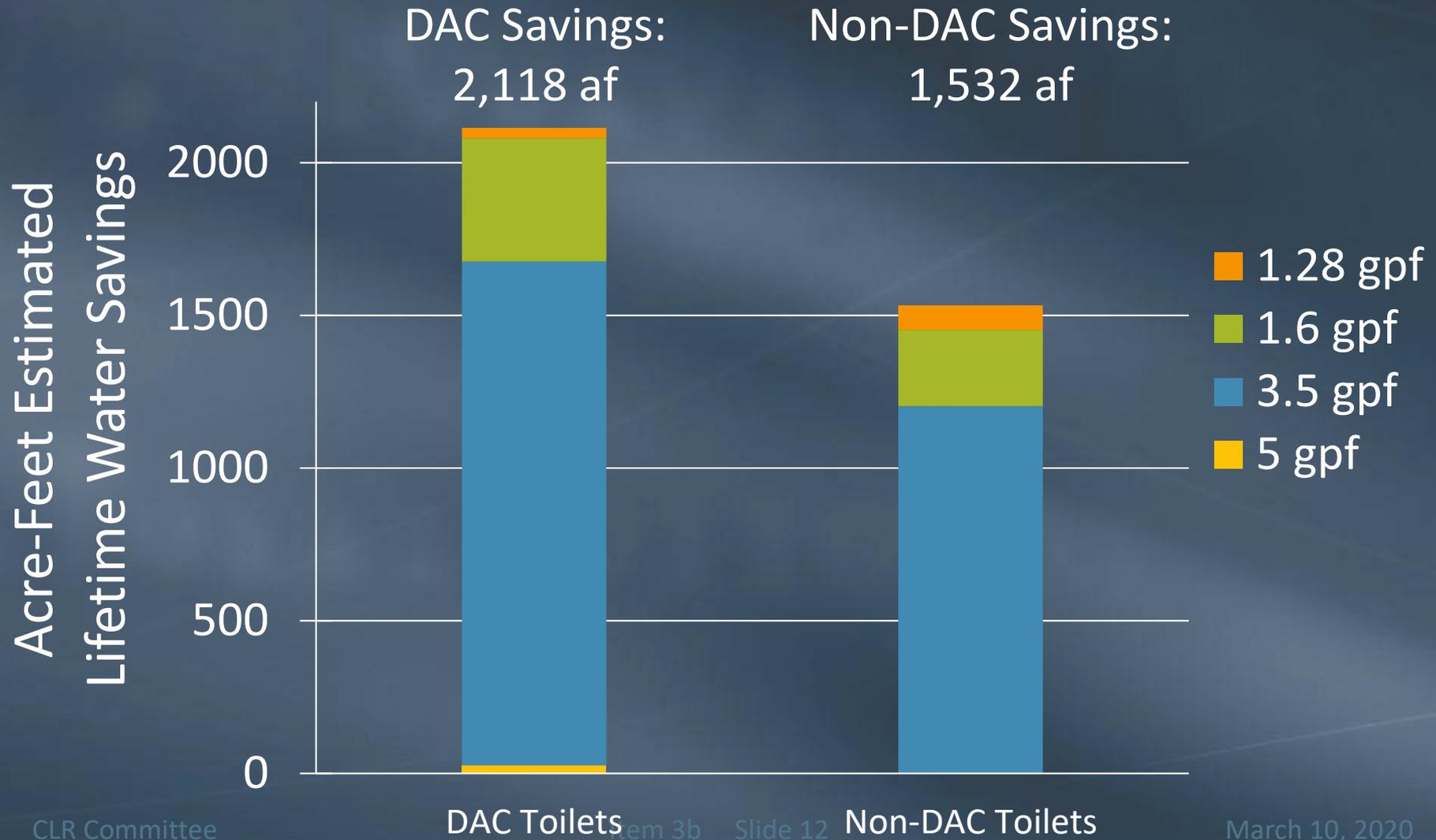
- 3,275 toilets
- 211,000 gallons saved per toilet
- 2,118 af lifetime



Non-DAC

- 4,688 toilets
- 106,485 gallons saved per toilet
- 1,532 af lifetime

Water Savings Estimates for Toilets in DAC vs. Non-DAC



Additional Data on Building Characteristics

DAC Buildings

- Median building age: 53 years old (circa 1967)
- Median building size: 23 units

Non-DAC Buildings

- Median building age: 49 years old (circa 1971)
- Median building size: 67 units

Observations from the Regional Pilot Program

- High demand resulted in full subscription in under 30 minutes
- Increased incentive drove contractor activity to areas with previously lower participation
- Pre-installation inspections allowed us to identify existing toilets
- Toilets in DAC buildings tended to have higher flush volumes
- Most water savings came from the retrofit of higher flush volume toilets

Next Steps

- Consider input from today's committee
- Return with a proposal based on items discussed

