Community Engagement (3 min)
• New faces, new roles
• American Canyon Ribbon Cutting

Legislative Policy (10 min)
• Legislative Policy Update
  • Dan Settlemyer, Policy Assistant

Customer Programs Updates (35 min)
• MCE and Transportation Electrification
  • Brett Wiley, MCEv Program Manager
• Low-Income Families and Tenants (LIFT) Pilot Program
  • Alice Havenar-Daughton, Director of Customer Programs

Upcoming Board Retreat Meeting (2 min)

Questions? Open time (5 min)
Community and Customer Engagement

Justin Marquez
Community Equity Specialist

Leanne Hoadley
Manager of Community and Customer Engagement

Renewed Focus on Equity

ComPow Advocate Training
American Canyon Solar

- 3 MW through MCE’s FIT Program, powering ~1,000 homes
- Avoid 5,700 MTCO2e or ~1,218 passenger vehicles (US EPA)
- Construction began in April, completed in ___, ribbon cutting last month
- 21 acres, developed by Renewable Properties
Guest Speaker

Daniel Settlemyer
Policy Assistant, MCE
Legislative Update

Daniel Settlemyer • 08.24.2019
Overview

Progress
Amendments from legislative recess have been implemented

Continuing to engage on priority bills

- SB 520
- AB 235
- SB 155
SB 520 Progress

**Appropriations Analysis**
- Raises an issue with the joint application procedure
- “...bill may be going too far...”

**Amendments to address cost containment**
- Lobbyists currently working on language to address remaining concerns
SB 520 Challenges: Cost Containment

IOU Double Pay Protection

- LSEs pay a bond to IOUs for customers involuntarily returned
- No limit explicitly written in this bill - IOUs decide how much they get?

IOUs Need to Play Fair with POLR

- IOU isn’t set up to pay a bond consistent with other LSEs
AB 235 - Wildfire Victim Recovery Bond

**Tax Free State Bonds**
- Framed as a way to pay victims back faster
- Tax-exempt financing to reduce the costs to utility shareholders to manage fire claims
- Reduce competitive advantage of CCA tax-exempt status

**CCA Impact**
- CCA customers taking on financial liability from IOU shareholders for wildfire costs
- May increase costs for entities that compete for capital in the tax-exempt bond markets.
SB 155 - IRP

Update

- Amendments are being proposed that may have an impact on our Amendment below enforcement paragraph

Impact

- May be cause for reconsideration of position
Schedule
August 30
Last day for fiscal committed to meet and report bills. Final Suspense File Hearings.

September 2
Floor session only. No committee may meet for any purpose except the rules committee.

September 6
Last day to amend on the floor

September 13
Last day for any bill to be passed
Next steps

Stay Engaged on Priority Bills

Keep Alert for Spot Bills

Be Prepared for Action Alerts
Guest Speaker

Brett Wiley
Customer Programs Manager, MCE
Update On MCE Transportation Electrification Program
Agenda

1. EV Market Overview
2. FY 18/19 Transportation Electrification (TE) Programs
3. FY19/20 TE Programs
4. Input
By taking a leadership role in the electrification of transportation, MCE will support its mission to reduce GHG emissions while maintaining the financial strength of the organization.
National Growth of EVs

Q3 2018 U.S. EV Sales Smash All Records

120,000 Vehicles Sold

Source: SAFE analysis based on data from InsideEVs and Hybridcars.com.
2018 was a Banner Year, but…

2018 vs. 2019 California Monthly Electric Car Sales

Note: Approximation assumes CA sales are 49% of national sales.
Reference: www.hybridcars.com and www.insideevs.com

8/6/2019
52% of those sales came from Tesla

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Source: Inside EVs
Market Potential

Automakers Commit to All-Electric Future

- **GM** Produces 2 EVs Within 18 Months
- **Jaguar Land Rover** Electrifies its Entire New Lineup
- **2018**
- **Renault, Nissan, and Mitsubishi** Produce 12 BEV Models. **Daimler** Produces 50 Electric and Hybrid Models
- **2019** All New Volvo Models Will Be Electric Or Hybrid
- **2020**
- **2022**
- **2023**
- **2025** BMW Rolls Out 12 New BEV Models
- **2026**
- **2027**
- **2028**
- **2029**
- **2030** VW Group Electrifies Entire 300-Car Lineup
Barriers to EV Adoption still exist

1. Too Expensive – 51%
2. Unable to charge away from home – 48%
3. Unable to charge at home – 30%
4. Technology is not dependable – 28%
5. Not available in vehicle segment – 24%
6. Poor performance – 24%
7. Other – 17%

Source: The Barriers to Acceptance of Plug-in Electric Vehicles (NREL 2017)
Key Stats:
• 5th most popular webpage for MCE since launch
• 631 total ports funded; 3x more interest in MCEv
• Fairly even geographic spread across service area, although participation weighs more toward public sector & large biz
MCE's EV Charging Station Programs: Project Locations

Source: MCE Program Map
Transportation Electrification Programs

Designed to Uniquely Serve Customer Unmet Needs

1. Supplemental rebate to PG&E’s EV Charge Network Program
2. MCEv Charging Program
3. Low-income EV Rebate
4. EV Car Sharing

...and more coming
Thank You

Brett Wiley, Customer Programs Manager
Guest Speaker

Alice Havenar-Daughton
Director of Customer Programs, MCE
LIFT 2.0
Multifamily Income-Qualified Whole Building Program
CPUC’s Energy Savings Assistance Program

“The commission shall require an electrical or gas corporation to perform home weatherization services for low-income customers, as determined by the commission under Section 739, if the commission determines that a significant need for those services exists in the corporation’s service territory, taking into consideration both the cost-effectiveness of the services and the policy of reducing the hardships facing low-income households.”

California Public Utilities (Pub. Util.) Code Section 2790(a)

- Started in the 80’s as an IOU program
- Adopted by CA legislature in 1990
- Currently provides no-cost home weatherization services and EE measure to low income households to:
  1. Conserve energy
  2. Reduce Costs
  3. Improve Health, Comfort and Safety

MCE’s LIFT Pilot is funded through ESA.
2021-2026 Energy Savings Assistance Program cycle:

MCE will apply to be a program administrator under the Multifamily Whole Building track. MCE’s proposal is a comprehensive energy savings program to qualified MF properties (technical assistance, rebates, tenant education, workforce development activities, etc.)
History of MCE as Low-Income Program Administrator
MCE launched the Low Income Families and Tenants (LIFT) Pilot Program in October 2017. LIFT layers rebates on top of MCE’s standard MF energy efficiency program with an emphasis on reaching hidden communities and piloting fuel switching measures.

Participating households: 926 units, 22 properties
Completed installs: 89 at 6 properties
97 participating heat pumps, 57 completed installation
82% of tenants surveyed were satisfied with the EE upgrades, 90% of tenants surveyed were satisfied with the heat pump technology
MCE launched the Low Income Families and Tenants (LIFT) Pilot Program in October 2017. LIFT layers rebates on top of MCE’s standard MF energy efficiency program with an emphasis on reaching hidden communities and piloting fuel switching measures.

Reaching Hidden Communities:
- 65% of surveyed tenants were Spanish speaking,
- 97% outside of DAC,
- 98% had never participated in a EE program before
Lessons Learned from LIFT Pilot 1

• Benefits of a flexible measure list and participant choice in technology
• Efficiency in stacking programs
• Importance of health, comfort and safety improvements along side energy efficiency work
Lessons Learned from LIFT Pilot 2

• Low number of knowledgeable heat pump contractors – training need
• Tenant surveys indicated unfamiliarity with heat pump technology after install – need for user education
• Time consuming income verification processes if each unit has to be verified individually – implement property owner affidavits or base eligibility on deed restriction
Program proposal incorporates some of the more successful elements of the LIFT pilot:

• Flexible measure lists
• layering with MCE EE program,
• whole building income qualification,
• fuel switching.
Program Overview

- Serves in-unit and/or common areas
- Provides audit, technical assistance and rebates for equipment.
- Program will allow for flexibility in choice of contractor.
- Focus on contractor training, workforce development
Measure Selection

• Measures will include EE, Non-resource (health and safety), Fuel switching, DR (grid enabled HP water heaters?), education about TOU rates.

• MCE will develop measure lists in partnership with a 3rd party implementer. Stakeholders will have the opportunity to comment on the measure selection process through a public process similar to the ones used for implementation plans in the EE programs.
Eligibility Criteria

- Follows ESA income eligibility requirements.
- Whole building qualification
- Household eligibility guidelines and process to certify eligibility: same as LIFT
Target population will vary by county in alignment with GHHI targeting. Marin: elderly population CCC: homes with high incidence of asthma, Napa: farmworker housing?
MCE is exploring ways to maintain affordability of units after upgrades:
- Lease addendum
- Claw-back provision
Workforce Education and Training

Longer program cycle means that MCE can incorporate more meaningful Workforce Education and Training.
Program Coordination

The program would take on core administrative functions for the Green and Healthy Homes Initiative (GHHI) and the MCE EE program would layer on top to allow us to achieve deeper energy retrofits.

Other opportunities for collaboration: SOMAH, DAC Community Solar, SGIP, MCEv…
Feedback, Comments, Questions
Annual Board Retreat September 18th

RSVP with Board Clerk, Darlene Jackson
djackson@mcecleanenergy.org
Fin
MCE General Updates

Job Announcements and Solicitations
- Human Resources Intern
- RFQ for Heat Pump Participating Contractors
- RFQ for Residential Direct Install Program Services