Agenda:

1. MCE Vulnerable Customer support & discount programs (10 min)
2. Policy Discussion: PCIA & SB612 (20 min)
3. Flex Alerts & Public Safety Power Shutoffs (5 min)
4. MCEv Updates (10 min)
Manager of Customer Operations

Zae Perrin
MCE Cares Credit as Targeted Cost Relief
CARE/FERA MCE Customer Trends

CARE Growth 24%
FERA Growth 76%
Customer Discount and Arrearage Programs

• California Alternate Rates for Energy (CARE)
  • Monthly discount 20%-based on current not past income-gas & electric rate discounts

• Family Electric Rate Assistance Program (FERA)
  • Monthly discount 18% - electric only discount

• Arrearage Management Program (AMP)
  • 100% forgiveness up to $8k if 12 on-time payments made
  • Must be enrolled in CARE/FERA to participate
MCE Targeted Cost Relief

MCE Board voted in March to help mitigate impacts of higher energy costs due to COVID economy and recent PG&E exit fee increases through targeted effort for vulnerable customers segments.

- Residential CARE/FERA customers- income qualified energy discount program (115k accounts)
- Small Commercial (A1, A1X, B1) (42k accounts)
- Cost Relief Duration: Proposed 9 months

<table>
<thead>
<tr>
<th>CARE/FERA Projected Accounts</th>
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<tbody>
<tr>
<td>Existing CARE/FERA</td>
<td>89,000</td>
</tr>
<tr>
<td>New Sign-ups</td>
<td>9,000</td>
</tr>
<tr>
<td>Pleasant Hill and Vallejo</td>
<td>17,000</td>
</tr>
<tr>
<td>Total</td>
<td>115,000</td>
</tr>
</tbody>
</table>
### MCE Cares: Targeted Cost Relief

**Start Date: April 1, 2021**

<table>
<thead>
<tr>
<th>Customer Type</th>
<th>Proposed Credit</th>
<th>Participation</th>
<th>9 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARE/FERA customers</td>
<td>$10/month bill credit</td>
<td>a) Targeted-Auto-enroll 10% most vulnerable CARE/FERA Customers (15k eligible and enrolled) and b) Active enroll estimating 50% participation (50k enrolled; 100k eligible)</td>
<td>$1,350,000</td>
</tr>
<tr>
<td>Small Businesses</td>
<td>20% discount on electricity usage (~$22/month)</td>
<td>Active enroll estimating 50% participation (21k enrolled; 42k eligible) – complete survey to participate.</td>
<td>$4,086,180</td>
</tr>
</tbody>
</table>

**Estimated Total Cost** $10M
## Customer Bill Impacts

<table>
<thead>
<tr>
<th></th>
<th>CARE/FERA Customer</th>
<th>Small Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Average Bill</strong></td>
<td>$70</td>
<td>$350</td>
</tr>
<tr>
<td><strong>MCE Cares Credit</strong></td>
<td>$10 Bill Credit</td>
<td>$22 (20% discount on electricity portion of bill)</td>
</tr>
<tr>
<td><strong>Adjusted Bill after Cost Relief</strong></td>
<td>$60</td>
<td>$328</td>
</tr>
<tr>
<td><strong>% savings total bill</strong></td>
<td>14%</td>
<td>6%</td>
</tr>
</tbody>
</table>
Thank You

Zae Perrin
Manager of Customer Operations
zperrin@mcecleanenergy.org
Senior Policy Counsel

Stephanie Chen
Power Charge Indifference Adjustment (PCIA) Proposed Decision

• Extends GHG-free allocation to 2023
  • Renewable Portfolio Standard (RPS) energy allocated according to load share
  • Declined to allocate Resource Adequacy (RA)
  • IOUs keep RPS energy unless a CCA/ESP takes an allocation
PCIA Proposed Decision

- Limited support for GHG-free market price benchmark
- Only one opportunity for contract modifications
- Eliminated PCIA cap & trigger
Update – SB 612

• CalCCA-sponsored PCIA reform bill
• Sen. Anthony Portantino (La Cañada-Flintridge) + 21 coauthors
• GHG-free allocations every 3 years
• GHG-free market price benchmark
Next Steps – SB 612

• Was heard in Senate Energy Committee April 26
• Next up – Senate Appropriations
• Seeking letters of support
CalCCA’s #YesOnSB612 Campaign
Thank You

Stephanie Chen, Senior Policy Counsel
schen@mcecleanenergy.org
Manager of Community and Customer Engagement

Leanne Hoadley
What is a PSPS event vs a Flex Alert?

Planed Power outages in order to reduce fire risk during high fire-threat conditions

Request for voluntarily electricity conservation to help avoid or reduce rotating power outages
Why do these events happen?

Why do these events happen and who makes the decision?

PSPS - Public Safety Power Shut Offs
PG&E

- Red Flag Warning
  A warning declared by the National Weather Service when conditions could lead to fire and rapid spread

- Low Humidity
  20% or lower humidity levels

- High Winds
  Sustained wind speeds above 25 MPH and wind gusts above 45 MPH can cause fires to spread

PG&E Observations
On-ground findings from crews

Flex Alerts
CAISO-California Independent System Operator

- Hot weather

- Persistent Heatwaves
  Especially when A/C use drives up electricity demand

- Unplanned Power Plant Outages
  Unexpected loss of transmission lines or equipment
Contra Costa PSPS Events 2020

<table>
<thead>
<tr>
<th>PSPS EVENT:</th>
<th>2 total PSPS events in 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCT 14 – 17</td>
<td></td>
</tr>
<tr>
<td>OCT 25 – 28</td>
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</table>

### Event Details

<table>
<thead>
<tr>
<th></th>
<th>OCT 14 – 17</th>
<th>OCT 25 – 28</th>
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</thead>
<tbody>
<tr>
<td>CUSTOMERS IMPACTED</td>
<td>959</td>
<td>15,323</td>
</tr>
<tr>
<td>COMMUNITY RESOURCE CENTERS OPEN</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>PEAK WIND GUSTS</td>
<td>61 MPH</td>
<td>74 MPH</td>
</tr>
<tr>
<td>DAMAGE/HAZARDS</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>AVG. RESTORATION TIME</td>
<td>2 HRS</td>
<td>15 HRS</td>
</tr>
<tr>
<td>TOTAL AVG. OUTAGE DURATION</td>
<td>29 HRS</td>
<td>36 HRS</td>
</tr>
</tbody>
</table>

Note: PSPS impact areas are approximate and may overlap

As reported by PG&E
Marin PSPS Events 2020

Event Details

- **CUSTOMERS IMPACTED**: 14,583
- **COMMUNITY RESOURCE CENTERS OPEN**: 4
- **PEAK WIND GUSTS**: 54 MPH
- **DAMAGE/HAZARDS**: 7
- **AVG. RESTORATION TIME**: 8 HRS
- **TOTAL AVG. OUTAGE DURATION**: 27 HRS

Note: PSPS impact areas are approximate

As reported by PG&E
California leads the nation in generating clean, renewable energy from sources such as wind, solar, and hydroelectric. Together, we have created new and innovative renewable energy projects to replace polluting fossil fuel sources. To continue moving California’s economy away from fossil fuel dependence and ensure the state can meet its goal of 100% renewable and zero-carbon energy by 2045, it’s important that all Californians consider when they use electricity.

When demand increases, energy costs rise and it is more likely that fossil fuel plants will need to switch on.

![Energy Cost Graph](image.png)
Customer Programs Manager

Brett Wiley
The EV Market
EV Market More Resilient

Annual New ZEV Sales

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Number of ZEV Sales</th>
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<tbody>
<tr>
<td>Pre-2010</td>
<td>112</td>
</tr>
<tr>
<td>2010</td>
<td>661</td>
</tr>
<tr>
<td>2011</td>
<td>6,743</td>
</tr>
<tr>
<td>2012</td>
<td>17,839</td>
</tr>
<tr>
<td>2013</td>
<td>39,805</td>
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<tr>
<td>2014</td>
<td>58,663</td>
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<td>2015</td>
<td>64,134</td>
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<td>2016</td>
<td>72,683</td>
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<td>2017</td>
<td>93,587</td>
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<tr>
<td>2018</td>
<td>147,347</td>
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<tr>
<td>2019</td>
<td>157,143</td>
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<tr>
<td>2020</td>
<td></td>
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</table>

Total LDV Sales

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Total LDV Sales</th>
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<tbody>
<tr>
<td>2011</td>
<td>1,291,475</td>
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<tr>
<td>2012</td>
<td>1,588,037</td>
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<tr>
<td>2013</td>
<td>1,772,724</td>
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<tr>
<td>2014</td>
<td>1,968,804</td>
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<tr>
<td>2015</td>
<td>2,183,293</td>
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<tr>
<td>2016</td>
<td>2,206,750</td>
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<tr>
<td>2017</td>
<td>2,216,632</td>
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<tr>
<td>2018</td>
<td>2,251,593</td>
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<tr>
<td>2019</td>
<td>2,153,747</td>
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<tr>
<td>2020</td>
<td>1,864,164</td>
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</table>

Source: CEC EV Dashboard
Electric Vehicle Market Adoption

Ownership: 2.4%

2020 Sales: 7.8%

Source: Victorian Government (graph); CEC EV Dashboard (ownership & sales)
MCE & Electric Transportation
MCE Solar Charge

Online Q2 2019
Open to the public: 24/7/365
Zero-emission charging powered by solar panels or Deep Green
Convenient, affordable, workplace charging encourages EV adoption
Phase 2 enhancement: battery storage

0.08 MW carport shade structure & 10 Level 2 EV chargers
MCEv Charging

For Workplaces and Multifamily Properties

**Benefits**
- Free Technical Assistance
- Level 2: $3,000/port (2-20 ports) + $500/port on Deep Green
- Level 1: $750/port +$125/port on Deep Green
- Layered Services
Key Stats in MCEv Charging

- **832 L2 Ports Installed**…equivalent of 57% of the public Level 2 charging infrastructure across our service area.
- **64% powered by Deep Green**…compared to 2% average for all MCE customers.
- **~$6K/port**…compared to ~$18.5K/port for PG&E EV Charge Network.
- **Layering services for current & future programs**: EV engagement, LCFS, ALM, open ADR.
MCEv Charging: FY21/22 Priorities

1. Launch of CEC Grant w/ CoCo County
2. Support CALeVIP in Solano and Napa
3. Expand multi-family access to EV charging throughout our service area

Goals:
- **For CALeVIP** + general service area: matching our FY20/21 goal w/ additional 162 L2 ports (estimated 36 sites) in the program
- **CEC grant**: additional 75 L2 ports + 100 L1 ports (1/3 of 3yr grant goal)
## PROGRAM ELEMENTS

<table>
<thead>
<tr>
<th>Element</th>
<th>Provide technical assistance to constituents and cities</th>
<th>Conduct outreach</th>
<th>Conduct research</th>
<th>Implement pilots</th>
<th>Install EVSE</th>
<th>Regulate and incent</th>
<th>Fund EVSE or EV</th>
<th>Set targets and maintain adaptable implementation plan</th>
<th>Regional advocacy and engagement</th>
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<tbody>
<tr>
<td>EVSE Installation</td>
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<tr>
<td>Stakeholder &amp; Community Outreach</td>
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<td>Workforce/Development Training</td>
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<td>Electric Vehicle Car Share</td>
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<tr>
<td>Electric Bicycle Rebates</td>
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## PROGRAM ACTIONS

<table>
<thead>
<tr>
<th>Action</th>
<th>Provide technical assistance to constituents and cities</th>
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<tbody>
<tr>
<td>Continuously Assess Needs</td>
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<td>Install Infrastructure in Priority Areas</td>
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<tr>
<td>Implement Low-income Customer Outreach and Education Program</td>
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<tr>
<td>Amplify Regional Outreach to Consumers, Site Hosts, and Other Entities</td>
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<tr>
<td>Track Progress</td>
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<tr>
<td>Expand Pilot Programs to Provide Electric Mobility Services to Underserved Populations</td>
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<tr>
<td>Implement and Enhance Shared Mobility Hubs with Electric Options</td>
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MCEv Vehicle Rebate

Goal: 350 EV rebates dispersed by EOFY

1. $3,500 Rebate (new) + upcoming used EV rebate
2. First 2-for-1 Application in State
3. Single Point of Contact: Market navigator and layering other income qualifying program
Other MCE TE Programs & Updates

- EV Rate and Drive Deep Green
- Funder of Drive Clean Bay Area
- CPUC and CEC
- New for FY21/22:
  - Residential Smart Charging Pilot
  - Fleet Electrification
Thank You

Brett Wiley, Customer Programs Manager
bwiley@mceCleanEnergy.org
@mceCleanEnergy
Upcoming Board Meetings

TechCom on 5/6, ExCom on 5/7, Board Meeting on 5/20
Opportunities

MCE Careers
• Human Resources Assistant
• Senior Power Procurement Manager

RFP/Qs
• Workforce Education & Training
• Electric Vehicle Supply Equipment Packages
Thank You

Justin Marquez, Community Development Manager
jmarquez@mcecleanenergy.org