Community Energy Resilience

December 2, 2020

SmartBlock
— communities —

Cel

the climate center
Feedback: CA Community Energy Resilience Toolkit

Support for SB 1314 for 2021

Letters of support for pursuing funding
Californians are suffering from

- Record-breaking wildfires
- Power shutoffs
- Heat waves
- Brownouts
- High energy costs
- Inequity
Cities have limited resources and capacity to respond to energy resilience needs in the face of competing multiple priorities.
The Opportunity

Public support for climate action is growing

Practical toolkit creates efficiencies

Other communities have paved the way
Community Resilience Planning Process

- Community Engagement
- Asset Mapping
- Feasibility Studies
- Finance Support
- Workforce Training
- Ongoing Support & Evaluation
High Potential For Electrification, Shared DER Resources, Telecom/SCADA, Customer Engagement and Participation

Source: Advanced Energy Economy

Gas main replacement costs

Source: Boston University HEET Study

Building Stock EE/CO2 models
Small, But MIGHTY - Tenino, Washington

- Secured $7m in partnerships and grants
- Installed solar PV microgrid with battery storage
- Integrated vocational and technical training
- Prepared for Virtual Power Plant technology testing
- Successfully partnered with utility & Department of Commerce
Legislative & Funding Letters of Interest

Legislative effort:
● Support SB 1314 Reintroduction

Funding effort - Alert funders to need for shared resources
● Toolkit
● Capacity & Technical Assistance

State Policy
Build on existing state commitments on Energy, Environment, Equity
- Energy resilient communities state objective
- Empower local government planning

Local Government Planning Process

LG Plan: objectives, projects, benefits & beneficiaries costs, funding, timeline

Implement the Plans

Distribution Utility or DSO
People: neighborhood, businesses, municipal services, public facilities
CCA or other LSE
DER, microgrid & technology providers
Feedback!

- What are your city’s core values?
- What are your obstacles to implementation?
- Where does your city need the most support?
- Would you implement a shared tool if you had funding?
Next Steps

Follow up with those interested regarding
- Letters of Support for community energy resilience planning legislation
- Letters of Interest to document a need for funders

Continue to share information with those who indicate interest:
- Recording & survey link
- Areas of shared interest and need across the state (survey results)
- Evolving funding opportunities (state, federal or private)
- Follow on resources, webinars
Thank you!

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