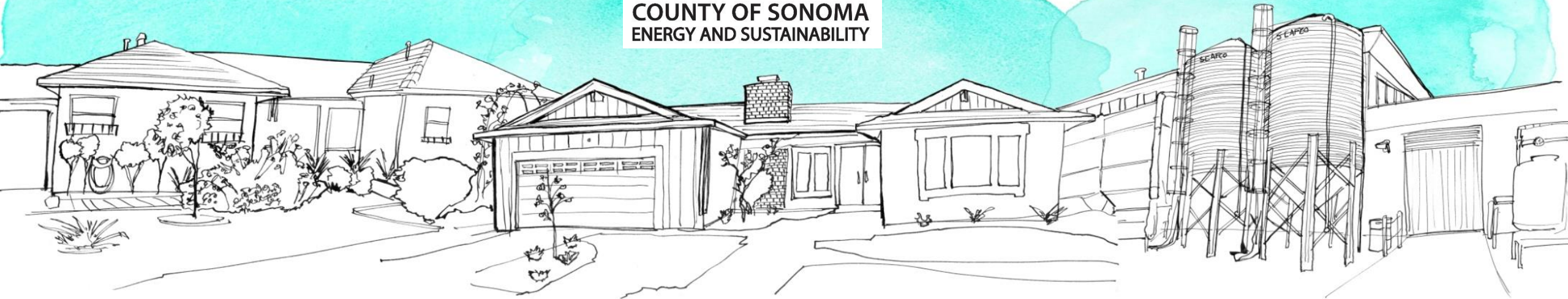


DOCKETED

Docket Number:	19-IEPR-06
Project Title:	Energy Efficiency and Building Decarbonization
TN #:	228061
Document Title:	Energy and Sustainability Division Resources Services and Financing for Rebuilding and Resilience
Description:	Presentation by Jane Elias with County of Sonoma at April 15, 2019, workshop
Filer:	Stephanie Bailey
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	5/6/2019 3:27:03 PM
Docketed Date:	5/6/2019



COUNTY OF SONOMA
ENERGY AND SUSTAINABILITY



Energy and Sustainability Division Resources, Services, and Financing for Rebuilding and Resilience

April 15, 2019

Jane Elias – Division Manager



Public Needs We are Serving

Save Money

Comfort

Save Water

Energy Independence



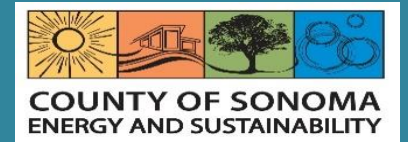
Lower Emissions



Healthier Buildings

Save Energy

Better Buildings Start Here



Site Visits and Building Audits * Green Business Certification

Sustainability Workshops * Qualified Contractor List

Financing and Rebates * Specialized Trainings

Consulting and Project Planning

Rebuild Consultations

No Cost, One-on-One Homeowner and Builder Consultations

Rebuilding?

Before you build, plan for your home's energy efficiency, comfort, and a lower utility bill....



Schedule your no-cost, one-on-one Rebuild Consultation with an on-staff energy analyst today!

www.sonomacounty.ca.gov/energy

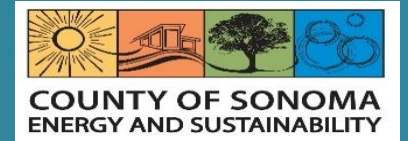
(707) 565-6470

Sonoma County Energy and Sustainability Division
2300 County Center Drive, Suite 105 A, Santa Rosa, CA 95403



- 90-minute consultations with on-staff Energy Analyst and Solar PV specialist
- Discuss project-specific goals
- Title 24 Energy and Green Building Code requirements
- Energy efficiency improvements for better buildings
- Advanced Energy Rebuild Incentive Program
- Solar PV technology

Rebuild Workshops



Free Workshops presented at locations throughout Sonoma County and to Neighborhood Groups

FREE HOME ENERGY WORKSHOP

Rebuilding for Comfort, Efficiency and Resilience

Monday, October 22nd, 2018, 7:00 p.m. – 8:30 p.m.

Rincon Valley Regional Library, 6959 Montecito Blvd., Santa Rosa, CA



SAVE ENERGY.

SAVE MONEY.

LIVE COMFORTABLY.

GO GREEN.



RSVP to GSEnergy@sonoma-county.org
or call (707) 565-6470

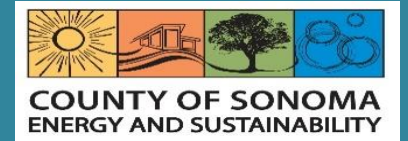
Light refreshments, giveaways, and door prizes.
Workshop presentations will begin promptly at 7pm.



Visit us at:
SONOMACOUNTY.ca.gov/energy

- Introduction to 2016 Title 24 Energy Code
- High Performance New Construction Best Practices
- Solar PV plus battery storage
- Advanced Energy Rebuild Incentive Program Education and Support
 - 177 Homes have applied for AER incentive Program, one third of those are all-electric

Rebuild Better Buildings



79 One-on-One Rebuild Consultations

- ✓ Homeowners and Builders

5 Rebuild Workshops

- ✓ Homeowners

13 Rebuild Education Presentations

- ✓ Homeowners
- ✓ Neighborhood Groups and Block Captains
- ✓ Large Employers

Education and Training Programs

- ✓ Homeowners
- ✓ Architects
- ✓ Building Departments
- ✓ Builders
- ✓ Contractors
- ✓ Energy Consultants
- ✓ HERS Raters

Education and Training



Free Rebuild Educational Programs – offered in in Santa Rosa in collaboration with Our Partners



Winter 2018

- Energy Code Ace and County of Sonoma Energy and Sustainability Division
 - 2016 Title 24 Part 6 Essentials Residential Standards for Plans Examiners and Building Inspectors

Spring and Fall 2018

PG&E in Collaboration with Sonoma Clean Power and County of Sonoma Energy and Sustainability Division

- Integrated Design and Construction: Rebuilding for Comfort, Efficiency and Affordability;
 - 5-part series on Friday afternoons both Spring and Fall 2018 in the North Bay
 1. Design Thinking for Zero Net Energy
 2. Water, Energy and Time Efficient Hot Water Systems for New Homes
 3. Advanced Wood Framing, Plus Walls from Straw Bale, Hempcrete and Earth
 4. High Performance Enclosures: Air Tight, Well Insulated, Properly Ventilated
 5. Residential Heating, Ventilation, and Air Conditioning (HVAC): Small Heat Pumps and Small Furnaces – High Efficiency and More Affordable

Spring 2018

- Continuous Exterior Insulation & Moisture Management – Applied Building Science for Residential Building Enclosures

Contractor Workforce Development



Summer 2018

Free 5 day Training Series for Contractors

Provided by PG&E in collaboration with the County of Sonoma, Energy and Sustainability Division

MI-BEST (Mobile Integrated Building Energy Science Training)

Day One: Building Envelope and Duct Testing

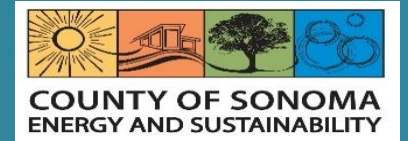
Day Two: Air flow Measures and Static Pressure

Day Three: Refrigerant Charge Verification

Day Four: Building Pressures and Ventilation Verification

Day Five: Thermal By-Pass, Quality Insulation Installation, Advanced Building Envelope

Additional County Services



Office of Recovery and Resiliency

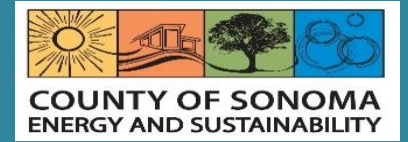
- Community Preparedness
- Housing and Economy
- Safety Net Services
- Natural Resources
- External Funding Opportunities



Permit Sonoma Resiliency Permit Center

- Exclusively Dedicated to the residential reconstruction permitting needs of unincorporated of Sonoma County
- Expediting Permitting for Anyone Who Lost Property in the Fires

Additional County Services



Sonoma County Recovers

- Information Site for Recovery Efforts Related to the October 2017 Sonoma County Wildfires
- Joint Effort of the County of Sonoma and City of Santa Rosa



Sonoma-Marin Saving Water Partnership

- Free Ready-to-Permit Landscape Design Templates
- Landscape Design Workshops for the Fire Rebuild

Office Location

2300 County Center Drive, Suite A105

Santa Rosa, CA 95403

GSEnergy@sonoma-county.org

707-565-6470



COUNTY OF SONOMA
ENERGY AND SUSTAINABILITY