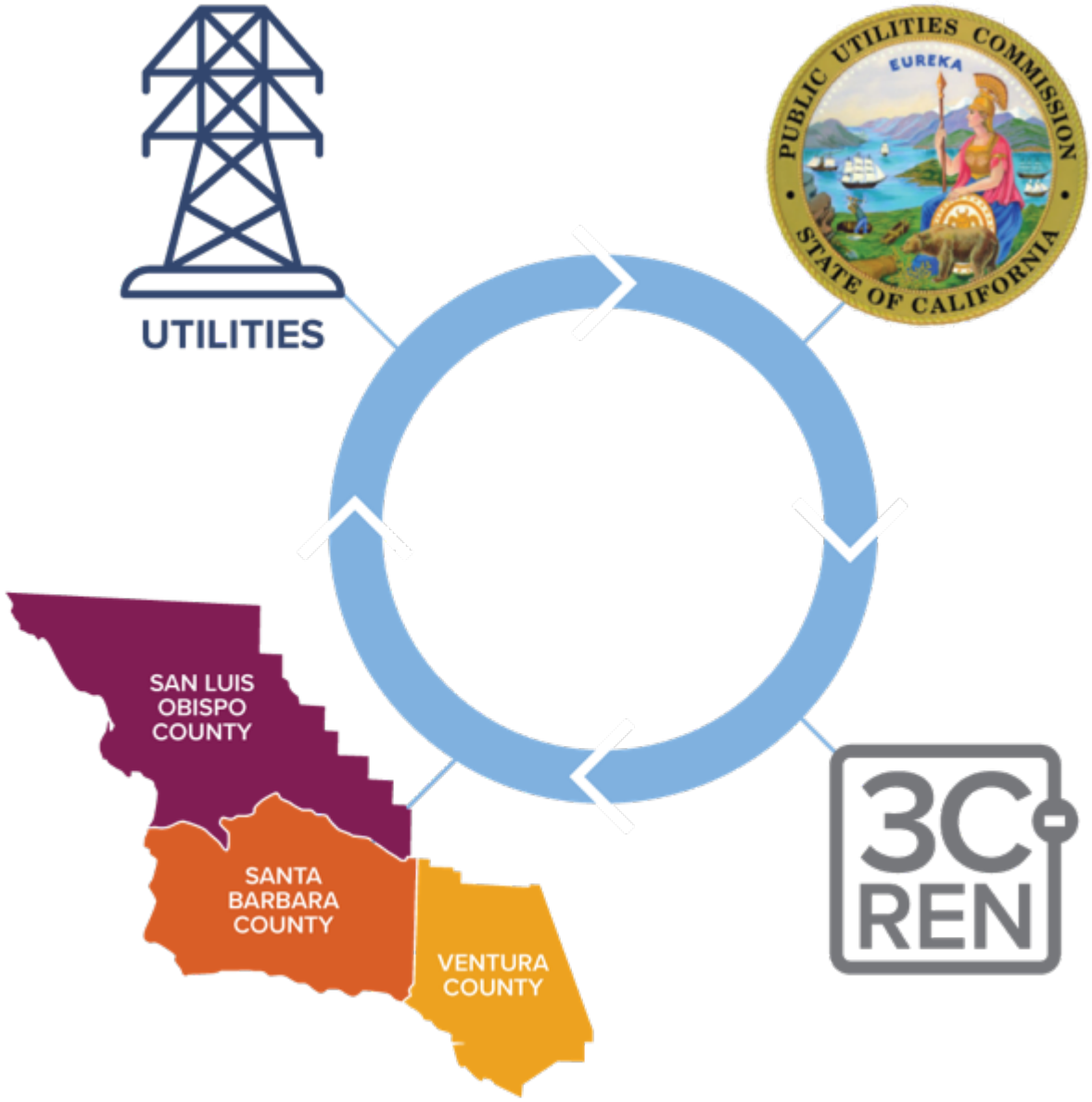
September 24, 2026

TRI-COUNTY
REGIONAL ENERGY NETWORK
SAN LUIS OBISPO • SANTA BARBARA • VENTURA

Ask the Experts:
Heat Pump Water Heater & Solar Permitting

Reuben Veek, SunWork





Tri-County Regional Energy Network

3C-REN is a collaboration between the tri-counties

Our programs reduce energy use for a more sustainable, equitable and economically vibrant Central Coast

Our free services are funded via the CPUC, bringing ratepayer dollars back to the region

Our Services

Incentives

HOME ENERGY SAVINGS

3c-ren.org/for-residents
3c-ren.org/multifamily

COMMERCIAL ENERGY SAVINGS

3c-ren.org/commercial

Contractors can enroll at
3c-ren.org/contractors

Training

BUILDING PERFORMANCE TRAINING

3c-ren.org/events
3c-ren.org/building

ENERGY CODE CONNECT

3c-ren.org/code

View past trainings at
3c-ren.org/on-demand

Technical Assistance

AGRICULTURE ENERGY SOLUTIONS

3c-ren.org/agriculture

ENERGY ASSURANCE SERVICES

3c-ren.org/assurance

3C REN



How today's training will work:

- **Raise your hand** or **add questions to the chat** to participate
- Questions will be addressed in the order they are submitted, **starting with those with their hand raised**
- Slides/recording are **shared** after most events and can be found on 3C-REN's on-demand page

Note: 3C-REN does **not** allow **AI notetakers**, unless used to accommodate a disability

Heat Pump Water Heater Permit Process Summary Table

Municipality	Permit Fees	Required Attachments	Process	Date Last Verified
City of Arroyo Grande	$96.27	CF1R	online, 1 day lead	12/9/24
City of Camarillo	$74.46	none	counter, immediate	8/21/24
City of Goleta	$0.00	plans + data sheet + CF1R	online, 5 day lead	8/11/26
City of Ojai	$174.00	none	counter, immediate	1/12/25
City of Paso Robles	$105.88	authorized agent form	online, immediate	12/9/24
City of Pismo Beach	$110.81	CF1R	online, 1 day lead	12/9/24
City of San Luis Obispo	$229.80	none	online, 1 day lead	6/30/25
City of Santa Barbara	$0.00	install manual + CF1R	online, immediate	8/4/26
Santa Barbara County	$252.23	none	online, 1 week lead	9/16/25
San Luis Obispo County	$330.15	none	online, immediate	9/16/25
Ventura County	$143.92	none	online, 2 week lead	2/26/25

Heat Pump Water Heater Inspection Requirements Summary Table

Municipality	Pressure Relief Discharge Pipe Okay to Garage Floor?	Other Special Requirements?
City of Arroyo Grande	untested	
City of Camarillo	yes	
City of Goleta	no	
City of Ojai	yes	
City of Paso Robles	untested	
City of Pismo Beach	untested	
City of San Luis Obispo	yes	
City of Santa Barbara	no	minimum 1” pipe insulation
Santa Barbara County	untested	
San Luis Obispo County	yes	
Ventura County	yes	

Heat Pump Water Heater Example Plans

PROJECT DETAILS:

SCOPE OF WORK: new high-efficiency electric heat pump water heater replacing gas-fired water heater in same location

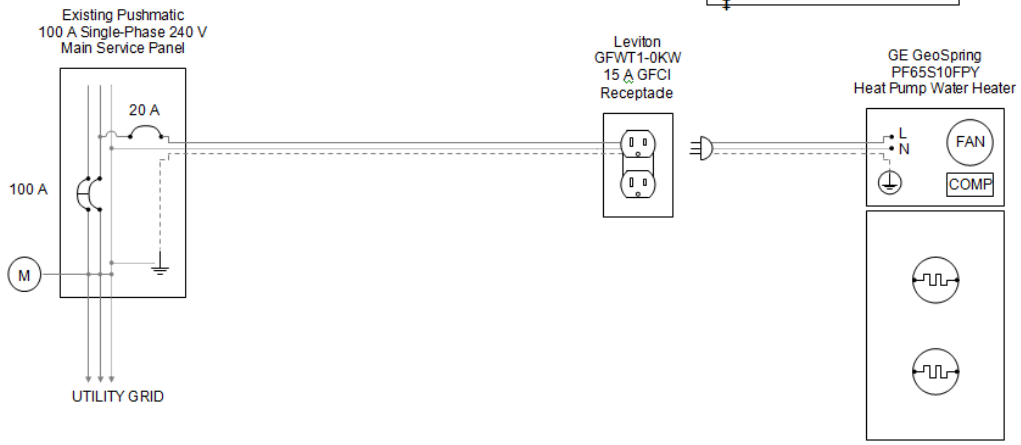
TYPE OF STRUCTURE: residence

ACCESS REQUIRED: garage only

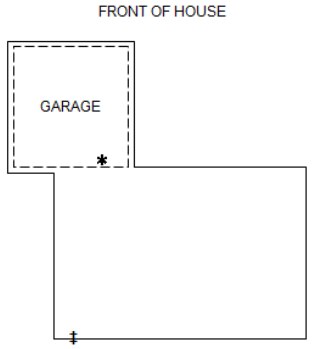
CONTACT NAME: [redacted]

CONTACT PHONE NUMBER: [redacted] cell

ELECTRICAL DIAGRAM:



SITE PLAN:



* 65-gallon NEEA Tier 3 electric Heat Pump Water Heater in exterior closet, rested on concrete slab and secured to wall using DSA-accepted Seismic Restraint Kit

‡ Existing Main Service Panel

PERMITTING AUTHORITY NOTES:

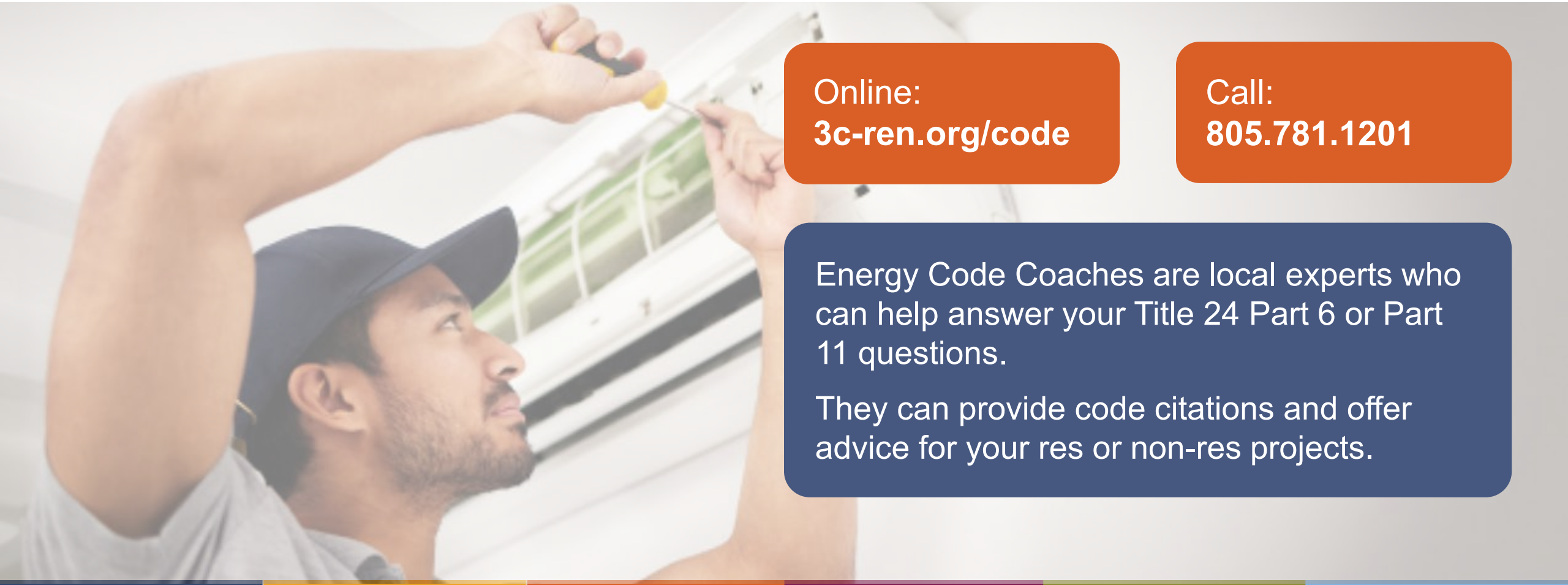
Water Heater Electrical Specifications:
$P_{max\text{-}ac}$ = 900 W
$V_{nom\text{-}ac}$ = 120 V
$I_{max\text{-}ac}$ = 7.5 A

Project Drawing

CUSTOMER NAME: [redacted]	SunWork Renewable Energy Projects CA License No. 920732	(650) 520-9918 (650) 350-4331 fax 505 Walker Drive #13 Mountain View, CA 94043 https://sunwork.org	WATER HEATER TYPE: GE GeoSpring PF65S10FPY
SITE ADDRESS: [redacted]			NOMINAL WATER HEATER SIZE: 65 gal / RATED FIRST-HOUR DELIVERY: 77 gal
AUTHORITY HAVING JURISDICTION: City of Goleta			APPLICABLE CODES: 2025 CBC, CRC, CEC, CFC, as amended by jurisdiction
DATE: 8/4/2026			DRAWING NUMBER: HW.B.0132.PD.A.01 / SCALE: N/A

Questions about Title 24?

3C-REN offers a *free* Code Coach Service



Online:
3c-ren.org/code

Call:
805.781.1201

Energy Code Coaches are local experts who can help answer your Title 24 Part 6 or Part 11 questions.

They can provide code citations and offer advice for your res or non-res projects.

ASK THE EXPERTS!

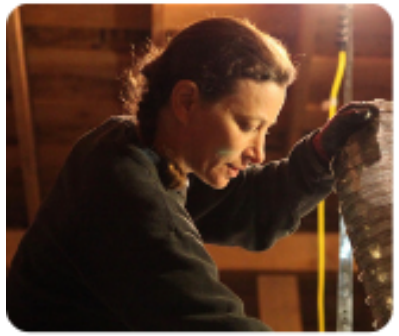


THURSDAY, OCT. 8

No More Heat Pump Headaches

Larry Waters, Electrify My Home

Whether you're stuck on a brain-bending system design or struggling to get through to a skeptical customer, this is your chance to get feedback from one of the best electrification contractors in the state! **Larry Waters** has 40 years HVAC trade experience in service, installation, sales, and management with a specialization in home performance.



THURSDAY, NOV. 12

Everything HVAC

Judy Rachel, Home Performance Pro

Ask about data collection for a load calculation, choosing design conditions—whatever is on your mind. Judy won't leave you out in the cold or put you in the hot seat! **Judy Rachel** specializes in single family home audits and HVAC system designs, guiding homeowners through performance and energy efficiency home retrofits.



THURSDAY, DEC. 10

Ventilation & Airtightness

Eric Fenno, WestCoast Efficiency

Explore airtightness strategies and ventilation system design to improve comfort, indoor air quality, and overall building performance. Eric Fenno brings extensive hands-on experience in high-performance building to this open discussion addressing your general and project-specific questions.

3C REN