

Schneider Energy Service Contract (ESCO)

Audit, Preliminary Design, and
Potential Implementation
October 1, 2024



Town of Yountville
"The Heart of the Napa Valley"

Background



During Goal Setting the Town Council established “Exploring a Micro-Grid” as a top priority



Town budget expenses Resili

	To Do	DEPT	New Initiatives	Dept	Dots
Plan	WFOV Parking/Circulation Plan	CV/PW	YES Site	AS	●●●●●●●●
	Blue Trail Villa-St. Helena Segment	CV	Refine General Plan	CV/TM/PS	●●●●●●●●
	Madison Bike Connection to PV CR	✗ PW	West WSP/20 Joint Land Use Study	CV/TM/PS	●●●●●●●●
			Local Historic Register	CV/TM	●●●●●●●●
			Bike/Ped Master Plan	CV/PS/PW	●●●●●●●●
			Update Heritage Tree Inventory	CV/PS	●●●●●●●●
Projects	ADA Improvements/Parking at Parks	PS	YES Site	AS	●●●●●●●●
	Charging Stations and Outlets	PS	Web Park Enhancements	PS	●●●●●●●●
	Class 4 Bikeway on Route 99	CV/PW	Class 4 Bikeway on California Dr. (Calvin)	PS	●●●●●●●●
	Town Hall Landscaping Improvements	PW	Explore Micro-Grid	TMA/PW	●●●●●●●●
	Wayfinding on St. Helena/Parkway	CV	Expanded Dog Park	PS/PW	●●●●●●●●
Programs	Review/Revise Master/Use Fees	AS	Off-road Dog Hours Pilot	PW/PS	●●●●●●●●
	Valle Home Water Contract Extension	PS	Review Park & Rec Staffing	PS	●●●●●●●●
	Wayfinding (Walking/Biking/Recreation)	PS/PS	Pop-Ups/Activations	PS/CC	●●●●●●●●
	Activate 980 at Community Center	PS/CC	CERT	CC	●●●●●●●●
	ADU Screening and Incentives	PS	Utility Underground Assessment De	PW	●●●●●●●●
	WVTD Renewal (Regional/Local)	TMA/CC	Historic Information and Archives	CC	●●●●●●●●
	Attracting Hotel Groups/Filling Occupancy Void	TMA/CC	Quadrant Club	PS/CC	●●●●●●●●
	Small Project Grants (POP)	PS/CC			●●●●●●●●
	Grub-Hill Public Art	PS			●●●●●●●●
Policies	Review Tree Ordinance	PS	New Strategic Framework	AS	●●●●●●●●
	Review Transparency, Accountability, & Education	PS	Legislative Advice and Advocacy	CV/TM	●●●●●●●●
	Review/Revise Election	CC	Review and Revise Conditional Use Permit	CV/TMA/PS	●●●●●●●●
	Attract Attraction with Chamber	TMA/CC	BEACH Codes	PS	●●●●●●●●
	Local Climate Action Plan	CV/PS	Pavement Conditions Inventory of 2019	PS	●●●●●●●●
			Single Use Carry Out Permit	CC	●●●●●●●●
			Amplified Tilt Back	PS	●●●●●●●●
			2nd Home Tax	CC	●●●●●●●●
			Incentive for Long-term Rentals	PS	●●●●●●●●

Town received \$2.1 million mark of federal funding through Congress Thompson that may be available next year



Town Manager interviewed Energy Service (ES) who can explore micro-grids and other energy resilience options



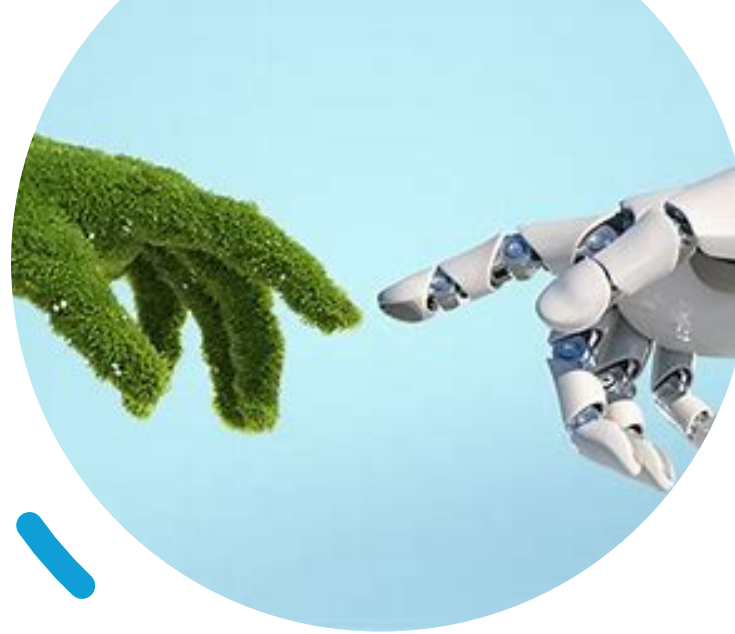
Specific state laws require ESCO contracts to include audit, design, and potential construction to be included in one agreement

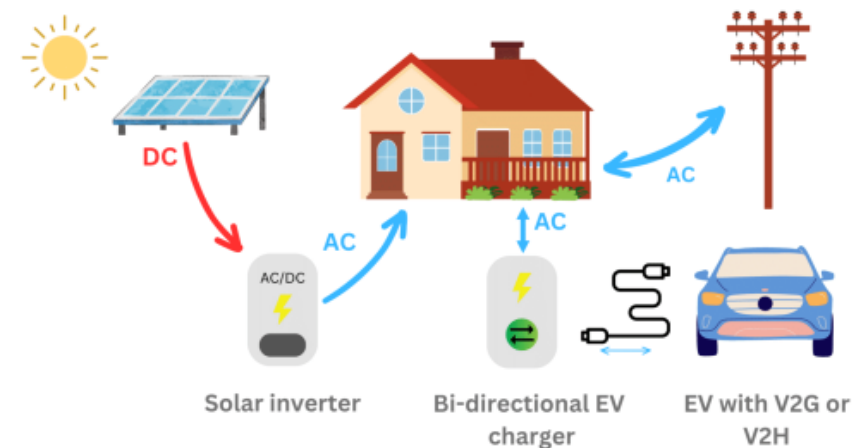
Proposed Energy Service Contract

- \$20k for audit and review of existing systems
- \$22.8k for preliminary design
- \$15M for potential construction/implementation
- No current construction projects defined
- Visioning of Yountville Commons included energy enhancements and requires expertise in renewables and resilience
- Beginning process to modernize utilities (Water/Wastewater)

Green Energy Reliability

- Access to reliable and affordable clean energy is a basic need that promotes well-being and addresses the climate crisis.
- Blackouts and other energy disruptions are more frequent due to heat waves and disaster mitigation.
- Distributed Energy Resources (DER) is being prioritized by utilities and policymakers.





Benefits

- Fewer Outages
- More Clean Energy
- Local Supply and Battery Back-up Builds Resiliency
- Lower Generation and Distribution Cost
- “A Spectrum of Controllability”