

# Resilience Readiness Questionnaire

This questionnaire documents the services your site intends to provide during grid outages and confirms readiness for Technical Assistance (TA). If you're interested in receiving -TA through the Resilience Hub Initiative, please fill out this questionnaire with ECC (Emerald Cities Collaborative).

By submitting this form, you acknowledge that your responses and supporting materials will be shared with Ava Community Energy and its Technical Assistance provider, NV5, for the purpose of reviewing eligibility for Technical Assistance.

## Eligibility and Considerations

To be eligible for TA, your site must meet the following:

- Be an Ava customer (address required)
- Be a community-serving facility that provides regular, ongoing resources to the public or defined community as part of the site's primary function (e.g., food distribution, workshops, mental health services)
- Intend to provide one or more approved resilience services during power outages

Before applying, please keep the following in mind:

- Site control: You will need approval from the property owner or landlord to participate in Technical Assistance.
- Physical potential: Your site should have viable space for solar + battery storage, such as rooftop, parking lot, or open yard
- Operational commitment: Sites should have leadership alignment to stay open and staff site during outages.
- Utility bill: Please have your recent utility bill available when completing this form.

## Site and Contact Information

1. Site (Organization) Name
2. Site address
3. Main Point of Contact (Hub Lead): Name, Title, Phone, Email
4. Do you own or lease the site?  Own  Lease/Rent – < 10 Years  Lease/Rent – > 10 Years
5. Hours of Operation (Include evening/weekend hours if relevant):
6. Number of utility meters (electric only) at the site: \_\_\_\_\_

## Resilience Services

Based on the services discussed during your initial screening conversation, please indicate which services your site currently provides and which you may want to provide in a power outage:

Service	Provided under normal operations	Currently available during outages	Intended to be available during outages (future)
Shelter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean air / climate-controlled space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Device charging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EV charging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wifi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fresh water access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Food distribution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For **each critical** service intended to be available during outages, please describe:

1. **Duration:** How long would this service be sustained
  - a. normal business hours, extended hours, 24 hrs, not sure).
2. **Facility Use:** Which specific rooms or spaces within the facility would be used to support this service?
3. **Capacity:** Approximately how many people could be supported at one time?

## Energy and Infrastructure Overview

1. Are there any planned upgrades to the site (e.g., HVAC, roof, lighting)? [ ] Yes -> Please describe [ ] No
2. Do you have any site drawings available? If yes, please upload or use the provided folder link.
3. Please provide pictures of the site by following the photos guide.
4. Roof Age: Age range (0–5 yrs, 6–10 yrs, etc.)
5. Do you currently have solar? [ ] Yes -> Year installed + system size [ ] No

6. If yes, can you provide a full year of solar production data in 15-minute or hourly intervals? If yes, please provide in Excel format and upload here, either now or during TA enrollment.

\*\*\* If you do not have access to this data, please note we can still proceed with a feasibility assessment; however, it will rely on assumed production data. Providing actual data will result in a more accurate assessment.

- Yes, and I have added it to the folder.
- Yes, and I will have it ready once we connect with the TA provider.
- No, I don't have this data.
- Other: \_\_\_\_\_

7. Do you have backup power?  Yes -> Type, Size, What it powers  No

## Financial Considerations \*(Not Required for TA Eligibility – Helps Inform Readiness)\*

1. How many years has your organization been in operation?
2. If this project is deemed feasible, how does your organization anticipate funding its portion of the project costs?
  - Existing budgeted funds
  - Grants (secured)
  - Grants (to be pursued)
  - Financing (loan, PPA, lease, etc.)
  - Fundraising/donations
  - Unsure
3. Have you already budgeted funds for this project?  Yes  No
4. Would your organization be able to cover upfront project costs and be reimbursed after installation? Yes, No, Unsure \_\_\_\_\_

## Technical Assistance Services

Which Technical Assistance services are you interested in?

- Feasibility Review - High-level conceptual design for solar and battery energy storage systems (BESS), preliminary system sizing, estimated project capital costs, estimated lifetime financial review, and potential site visit
- Qualitative Third-Party Proposal Review: High-level technical review of the proposed system and equipment, a market-based cost comparison, and basic technical contracting guidance.

- Third-Party Technical Contract Review: Redlined review of the technical sections of a design-build contract or power purchase agreement (PPA), including scope of work, schedule, performance guarantees, assumptions, and exclusions.
- Grants List: Access to a list of grants for Resilience Hubs that you may qualify for

## Operational Planning (Optional for Technical Assistance)

These questions are designed to help you begin thinking about how resilience services would operate during a power outage. The questions are intended to guide discussion and early planning. Responses do not need to be final or complete, and you may skip questions that are not applicable.

### Community Services Provided - Shelter

Sites that provide shelter offer a safe indoor space where community members can gather and seek refuge during emergencies when power outages occur. This may include protection from the rain, extreme heat, wildfire smoke, storms, flooding, or other hazardous conditions.

Do you want to provide shelter during grid outages?	
What hours will the shelter operate during emergencies?	
How many people do you expect to shelter?	
What parts of the building/site will remain open?	
Do you require heating, cooling, or both during outages?	
What lighting levels are required?	
Are there medical support needs (CPAP machines, oxygen, etc.)?	
Are there elevator requirements for mobility access?	

### Community Services Provided - Clean Air / Climate-Controlled Space

Sites that provide clean air or climate-controlled space offer an indoor environment where community members can seek relief from extreme heat, wildfire smoke, or poor outdoor air quality. These spaces rely on cooling, ventilation, and air filtration systems that can remain operational during power outages.

Would you act as a cooling center, heating center, and/or clean air center?	
What hours will the area operate during emergencies?	
Is there a dedicated room or will the whole building be used?	
How do those hours compare to current operations?	
What HVAC systems provide clean air, heating, and AC in the building?	
Would you be comfortable changing the building's temperature setpoint up or down? (e.g., If you want to be a warming center, would you set the temperature from baseline 70 to 68, etc.)	

### Community Services Provided - Device Charging

Sites that provide device charging allow community members to charge phones, laptops, medical devices, and other essential electronics during power outages.

Do you want to provide device charging as a service during outages?	
What hours will the area operate during emergencies?	
How would the hours differ from your current usage?	
What types of devices do you expect to charge (e.g., phones, tablets, medical devices, etc.)?	
How many devices do you expect to charge at once?	
How does that compare to your current plug load?	
Where will charging outlets be located?	

### Community Services Provided - Refrigeration

Sites that provide refrigeration during outages can help with preserving food, water, medicine, or other temperature-sensitive supplies during power outages.

Do you want to keep your refrigerators operational during outages?	
What refrigeration equipment do you have (commercial refrigerators, freezers, medical fridges)?	
Are they centralized or distributed around the building?	
What must be preserved during outages (vaccines, perishables, formula, medications)?	
How long must refrigeration be maintained?	
Do you expect heavier use during outages?	

### Community Services Provided - Wi-Fi/Internet

Sites that provide Wi-Fi or internet access allow community members to stay connected during outages, access emergency information, and communicate with others when other communication systems may be disrupted during power outages.

Do you want to keep Wi-Fi operational during outages and/or provide it as a service?	
Where does your service enter the building?	
Which components need power: modem, router, servers, etc.?	
Are there any network closets that require cooling?	
What Wi-Fi coverage does the site currently have?	
For outages, do you need Wi-Fi building-wide or designated areas?	
What hours will the site operate during emergencies?	
How does that differ from current operations?	

### Community Services Provided - Water and Food Distribution/Access

Sites that provide water access can supply drinking water to community members during power outages. Sites may also provide fresh, prepared, or perishable food, or serve as a distribution point for food and water within a broader network of community hubs.

Do you plan to provide water and/or food distribution during outages?	
Do you plan to provide bottled water or rely on tap water?	
Does your building require pumps for water pressure?	
Are there electric water heaters that need backup?	
Will meals be cooked onsite or just distributed?	
If cooking: what appliances need power (e.g., ovens, burners, microwaves)?	
Are kitchen ventilation systems required?	
Do you need refrigeration/freezer support for food storage?	
What hours do you intend to operate to prep or store food?	
What hours do you intend to distribute food?	
How does that differ from current operations?	

### Community Services Provided - Electrical Vehicle (EV) Charging

Sites that provide EV charging allow community members to recharge electric vehicles during power outages, helping maintain mobility and access to transportation.

Do you want to use EV chargers during outages?	
How many chargers do you have? What power level?	
Are the chargers networked or standalone? Non-networked EV charging stations are standalone entities and can not be handled remotely. Networked EV charging stations are connected to a larger network of charging stations and network infrastructure and owners can access their charging stations	

remotely using online tools accessed through a portal.	
Who do you intend to let charge their vehicle (e.g., staff, community, emergency, fleet, etc.)	
Do you want EV charging available only during specific hours?	
What priority level does EV charging have compared to other loads?	
Is lighting needed in the charging area?	
How would usage differ from current operations?	

### Additional Operational Questions

Based on the intended resilience services, what hours would the Resilience Hub operate? How does that differ from current operations?
How many staff and/or volunteers would you need to provide the above services?
What are your priority levels for the services? Are there some nice-to-haves?
What are specific equipment or technologies that you use regularly that can be turned off during an outage?