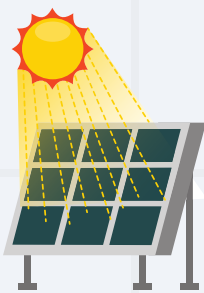




NEWARK  
SCIENCE AND SUSTAINABILITY INC  
Creating Self-Sustaining Communities



# 6TH EMERGENCY PREPAREDNESS REPORT

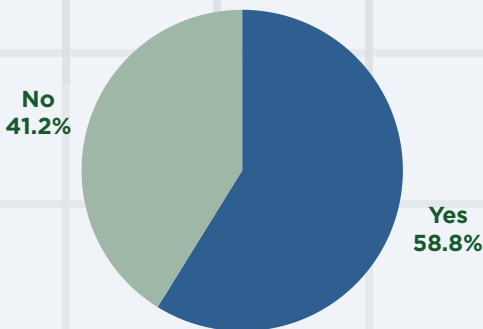
The Newark Office of Sustainability and Solar One hosted a free solar charger showcase, at Newark SAS’ Garden of Hope, to educate the community on solar power’s role in weather emergencies. The event featured STEM activities, green energy career info, and workshops with first responders, sign up for additional Community Emergency Response Training (CERT) to improve community preparedness. and promoting climate action and community preparedness in response to Newark’s vulnerability to severe weather.

Solar One is not-for-profit organization whose mission is to design and deliver innovative education, training, and technical assistance that fosters sustainability and resiliency in diverse urban environments.

Newark SAS Garden of Hope located at 3-7 Fairmount Avenue in Newark’s West Ward has been designated as an emergency preparedness site. In the event of a climate emergency people can come to this site and charge up their cell phones, laptops, and other small appliances.

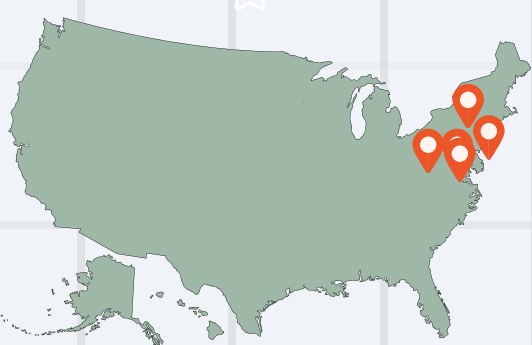
## DEMOGRAPHICS

### NEWARK RESIDENCE



58.8% of attendees were Newark Residents while 41.2% attendees were from neighboring towns

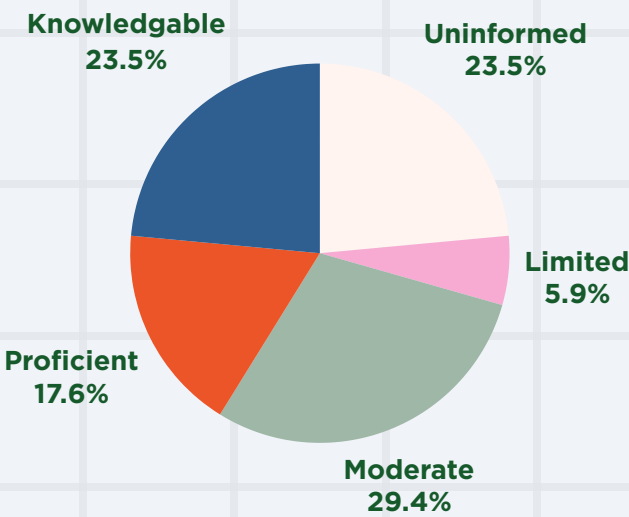
### FROM WHERE?



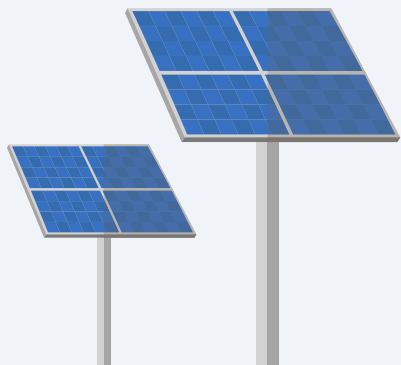
All attendees were from the tri-state region. Most people attending were from Newark, New Jersey.

## AWARENESS

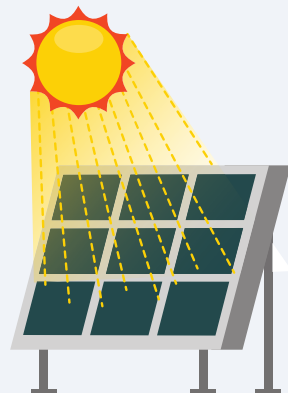
Participants had the opportunity to observe training demonstrations and the deployment of a solar-energy-powered emergency battery station, demonstrating the practical applications of sustainable technology.



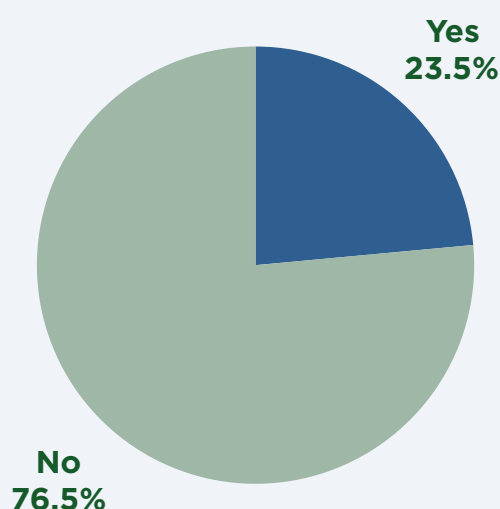
Knowledge of Solar Power Before demonstration



## EMERGENCY PREPAREDNESS



More than 75% of attendees were not aware of Emergency Preparedness Hub's location.



Emergency Preparedness  
Facilitator: Audris B. Torres  
Resiliency Coordinator of Solar  
one.

Large cities face significant risks due to infrastructure issues, rising energy costs, and the challenges associated with transitioning to sustainable energy sources. Here are several major reasons why large cities should focus on emergency preparedness:

- **Energy Security:** Prepare for energy supply disruptions with alternative sources and backup systems to avoid blackouts.
- **Infrastructure Vulnerability:** Address aging infrastructure and urban strain with rapid response plans to minimize disruptions.
- **Climate-Related Disasters:** Develop robust emergency plans for climate change effects like storms, floods, and heatwaves.
- **Public Health & Safety:** Ensure effective communication, resource allocation, and emergency response to protect citizens and maintain critical services.
- **Educate & Share:** Stay informed about renewable energy trends and share knowledge to encourage community adoption.
- **Support Policies:** Advocate for renewable energy policies and engage with local government initiatives.
- **Energy Conservation:** Reduce energy use by unplugging electronics, using natural light, and weatherproofing your home.
- **Use Efficient Appliances:** Upgrade to energy-efficient appliances like LED bulbs and ENERGY STAR-rated devices.