



Joint Interim Standing Committee on Growth and Infrastructure

**Expanded Solar Access Program Briefing
January 12, 2022**

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and Special Programs**



Assembly Bill 465 Overview



Assembly Bill (“AB”) 465 was enacted in 2019 and requires NV Energy to offer an Expanded Solar Access Program (“ESAP”) to low-income customers, disadvantaged businesses/nonprofits, and eligible premise customers.

- NV Energy was at the forefront of supporting this legislation.
- Letters of support were provided in 2019 by a number of stakeholders, including:
 - Chispa Nevada
 - The Organizing Alliance
 - Nevada Conservation League
 - League of Women Voters of Nevada
 - Sierra Club Beyond Coal Campaign
 - Battle Born Progress
 - CHR, Inc. (Caring, Helping and Restoring Lives)
 - Uplift Foundation of Nevada

ESAP is intended to offer residential and nonresidential customers the opportunity to have their electric consumption come from a mix of utility-scale and Community Based Solar Resources (“CBSR”), without requiring that they install physical solar systems on their properties.

Assembly Bill 465 Overview



- On December 1, 2020, NV Energy filed with the Public Utilities Commission of Nevada (“PUCN”) the ESAP application, which outlined the initial ESAP implementation plan for 2021.
 - Docket No. 20-12003
 - Participating parties were the Bureau of Consumer Protection, PUCN Staff, Sierra Club, MGM Resorts International, and Caesars Enterprise Services, LLC
 - Procedural Schedule
 - NV Energy Direct Testimony: March 11, 2021
 - Participating Parties’ Direct Testimonies: April 22, 2021
 - NV Energy Rebuttal Testimony: May 7, 2021
 - Hearing: May 22, 2021
- Final approval by the PUCN was given on June 29, 2021.
- NV Energy also participated in Docket No. 19-06028, which enacted regulations to carry out AB 465. The regulations were finalized and approved by the Legislative Council Bureau on December 9, 2021.

ESAP Customer Categories



ESAP contains three customer categories in which eligible applicants may apply.

Low-Income Eligible Customer	<p>A natural person or household who is a fully bundled residential customer of a utility and has an income of not more than 80% of the Area Median Income based on the guidelines published by the United States Department of Housing and Urban Development.</p> <p><i>This is the only category that is guaranteed a lower rate.</i></p>
Disadvantaged Business or Non-Profit Organization	<p>A business for which 50% or more of the owners are women, veterans, members of a racial or ethnic minority group or otherwise part of a traditionally underrepresented group and none of the owners has a net worth of more than \$250,000.</p> <p><small>* These are non-residential customers with a kilowatt-hour consumption that does not exceed 10,000 kilowatt-hours per month.</small></p>
Eligible Premise Customer	<p>A customer who is a fully bundled residential customer of an electric utility who cannot install solar resources on the customer's premises due to physical or ownership constraints. Financial constraints are not applicable considerations for this category.</p>

Customer Category Capacity Amounts



AB 465 mandated a set ESAP capacity for Nevada Power Company customers and Sierra Pacific Power Company customers at 240,000 MWh and 160,000 MWh, respectively. AB 465 further divided this set capacity amounts into the three customer categories.

Utility	ESAP Category	Dedicated Capacity
Nevada Power Company	Low-Income Eligible Customer	60,000 MWh *can serve approximately 3,915 households with average annual consumption of 13.80 MWhs
	Disadvantaged Business/Nonprofit	60,000 MWh *can serve approximately 4,450 households with average annual consumption of 12.12 MWhs
	Eligible Premise Customer	120,000 MWh *can serve approximately 6,640 households with average annual consumption of 16.27 MWhs
Sierra Pacific Power Company	Low-Income Eligible Customer	40,000 MWh *can serve approximately 4,815 households with average annual consumption of 7.48 MWhs
	Disadvantaged Business/Nonprofit	40,000 MWh *can serve approximately 3,065 households with average annual consumption of 11.75 MWhs
	Eligible Premise Customer	80,000 MWh *can serve approximately 8,720 households with average annual consumption of 8.26 MWhs

To ensure that capacity is not exceeded, a 10% capacity reserve for each category is set so that participant usage does not exceed the total capacity available.

ESAP Enrollment Timeline

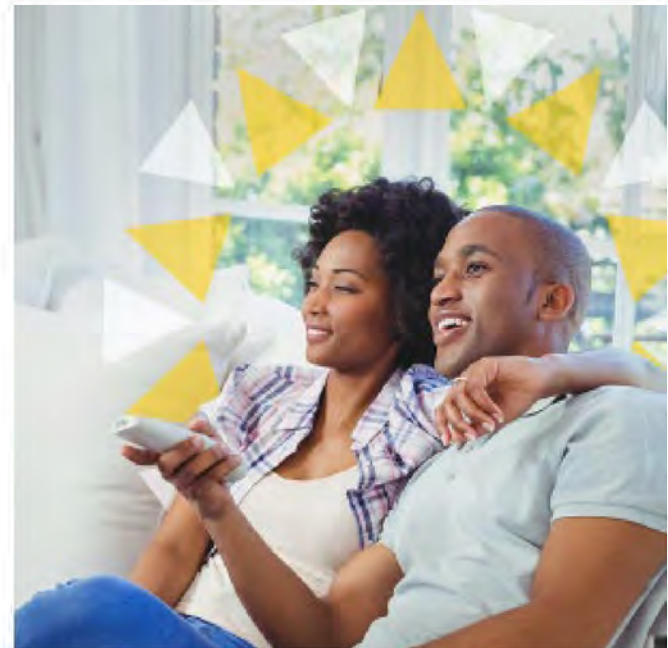


Action	Dates
ESAP Plan Submission	December 1, 2020
Approved by Commission	June 29, 2021
Implement Approved Plan Directives	July 1, 2021 - July 31, 2021
Community Outreach Starts	August 2, 2021
Application Submittal Period	September 1, 2021 - October 31, 2021
Application Review and Approval	September 1, 2021 - November 30, 2021
Selection Process	December 1, 2021 - December 10, 2021
Selection Results Communicated	December 11, 2021 - December 31, 2021
Program Effective Date	January 1, 2022
Informational Report Filing	March 1, 2022

ESAP Marketing Overview



- NV Energy commenced outreach as of August 2, 2021, with the launch of the website and dedicated flyers with information on nominating sites for CBSR consideration.
- During this timeframe, NV Energy launched a series of statewide marketing efforts, including:
 - Print Media
 - Radio spots
 - Billboards
 - Bus shelters
 - Social media
 - Direct email



ESAP Marketing Overview



Print Media



THE BENEFITS OF SOLAR EVEN IF YOU DON'T HAVE PANELS.

The Expanded Solar Access Program lets you access solar power without installing a physical solar system. That means if you live in an apartment, condo, rent or own, you may still be able to enjoy the benefits of solar energy.

CHECK YOUR ELIGIBILITY AND APPLY
9/1-10/31 AT NVENERGY.COM



LOS BENEFICIOS DE LA ENERGÍA SOLAR AÚN SI NO TIENE PANELES.

LE OFRECEMOS MÁS FORMAS DE
APROVECHAR LA ENERGÍA LIMPIA.

El Programa de Acceso Solar Ampliado le permite acceder la energía solar sin instalar un sistema solar físico. Eso significa que si usted vive en un apartamento, condominio, renta o posee su hogar, quizás aún pueda disfrutar los beneficios de la energía solar.

SE ACEPTAN SOLICITUDES DEL 9/1 AL 10/31

THE BENEFITS OF SOLAR EVEN IF YOU DON'T HAVE PANELS.

WE'RE GIVING YOU MORE WAYS TO TAKE ADVANTAGE OF CLEAN ENERGY.
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APPLICATIONS ACCEPTED 9/1 - 10/31



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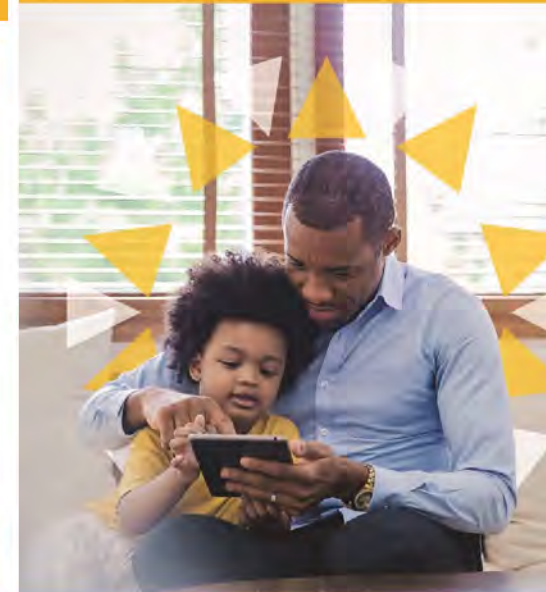
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VERIFIQUE SU ELEGIBILIDAD Y HAGA
SU SOLICITUD EN NVENERGY.COM



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ESAP Marketing Overview



Billboards and Bus Shelters

NV Energy

MORE ACCESS TO CLEAN ENERGY

APPLY FOR THE EXPANDED SOLAR
ACCESS PROGRAM AT [NVENERGY.COM](https://www.nvenergy.com)

THE BENEFITS OF SOLAR WITHOUT THE PANELS

SEE IF YOU'RE ELIGIBLE AT
[NVENERGY.COM](https://www.nvenergy.com)

NV Energy

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VERIFIQUE SU ELIGIBILIDAD Y HAGA
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ESAP Marketing Overview



Social Media



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Clean energy and lower rates

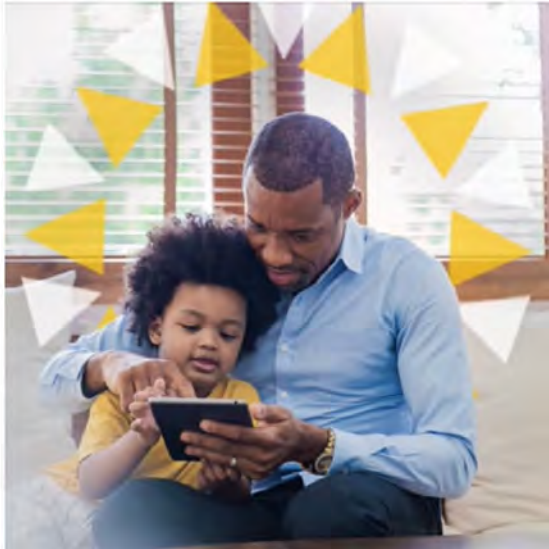
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Access solar without having panels


APPLY NOW

   Martin Corvalan and 14 others

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Customer Enrollment Process



Applicants submitted the ESAP application and related documentation as required for the category that was applied for.

Application submittal period was open from September 1 to October 31.

- Customers applied via mail or email at ESAP@nvenergy.com.
- All applications were reviewed to determine eligibility and deficiencies.
- Notices of eligibility or deficiencies were provided to applicants via their preferred method of contact within 10 business days upon receipt and review.
 - **Notice of Eligibility:** These notices informed applicants that their application was received and deemed eligible. It also outlined that acceptance to ESAP was pending until the random lottery took place, expected to be between December 1 and December 10.
 - **Notice of Deficiency:** These notices informed applicants of what additional information was missing and required to complete review of their application. Applicants will have 10 business days from the Notice of Deficiency date to reply and correct the deficiency. NV Energy handled delayed responses on a case-by-case basis.

Official notice of acceptance to ESAP was provided to eligible customers between December 11 and December 31.

Final Customer Enrollment Results



<p>Low-Income Eligible Customer</p> <p>A natural person or household who is a fully bundled residential customer of a utility and has an income of not more than 80% of the Area Median Income based on the guidelines published by the United States Department of Housing and Urban Development. <i>This is the only category that is guaranteed a lower rate.</i></p>	<p><u>NPC</u></p> <p>Total Applicants: 1,672</p> <p>ESAP Customers: 1,175 Total MWhs: 16,215</p>	<p><u>SPPC</u></p> <p>Total Applicants: 423</p> <p>ESAP Customers: 284 Total MWWh: 2,125</p>
<p>Disadvantaged Business or Non-Profit Organization</p> <p>A business for which 50% or more of the owners are women, veterans, members of a racial or ethnic minority group or otherwise part of a traditionally underrepresented group and none of the owners has a net worth of more than \$250,000.</p>	<p><u>NPC</u></p> <p>Total Applicants: 45</p> <p>ESAP Customers: 32 Total MWhs: 388</p>	<p><u>SPPC</u></p> <p>Total Applicants: 33</p> <p>ESAP Customers: 16 Total MWhs: 188</p>
<p>Eligible Premise Customer</p> <p>A customer who is a fully bundled residential customer of an electric utility who cannot install solar resources on the customer's premises due to physical or ownership constraints. Financial constraints are not applicable considerations for this category.</p>	<p><u>NPC</u></p> <p>Total Applicants: 316</p> <p>ESAP Customers: 228 Total MWhs: 3,708</p>	<p><u>SPPC</u></p> <p>Total Applicants: 128</p> <p>ESAP Customers: 77 Total MWhs: 636</p>

Community Based Solar Resources



Per AB 465, NV Energy is required to build a minimum of three, but no more than ten CBSR sites in each service territory.

On August 2, 2021, NV Energy launched its first CBSR nomination period.

NV Energy received a total of 13 nominations for southern Nevada and 7 nominations for northern Nevada.

Action	Estimated Dates
Launch CBSR Nomination Period	August 2, 2021
Nomination Period Ends	September 10, 2021
Scoring Completed	October 25, 2021
Short List Published	October 26, 2021
Voting Period	October 26, 2021 – November 8, 2021
Selected Sites Published	November 15, 2021
Host Site Contract Negotiations	Quarter 4 2021 – Quarter 2 2022
ESAP Plan Amendment Submission	Quarter 2 2022
Commission Approval	Quarter 3 2022
Issue EPC RFP	Quarter 4 2022
EPC RFP Event Closes	Quarter 4 2022
Review Bids and Select Winner	Quarter 4 2022
Vote on Site Name	Quarter 4 2022
Negotiate EPC Contract	Quarter 4 2022
Construction Complete	Quarter 1 2023

CBSR Final Results



- NV Energy conducted scoring of the nominated sites and shortlisted the following sites on October 26, 2021.

Southern Nevada	Northern Nevada
<ul style="list-style-type: none">Howard Lieburn Senior CenterLorenzi ParkFreedom ParkLatin Chamber of CommerceMountaintop Faith MinistriesNUWU Art Studio	<ul style="list-style-type: none">City of Reno, Moana CenterSwope Middle SchoolAmerican Iron Gym & Barbell

- NV Energy customers were tasked with voting for the top northern and southern Nevada host sites between October 26, 2021 and November 8, 2021.
- On November 15, 2021, NV Energy published the top voted sites, which were the Freedom Park host site for southern Nevada and the Moana Center host site for northern Nevada.

Mojave High School Solar



- Located at Mojave High School in North Las Vegas, this NV Energy-owned project is the first that is part of ESAP, even though it was approved in Docket No. 20-07023 as a pilot project.
- This CBSR is a carport facility that contains 1,012 solar panels that generate at least 773 megawatt-hours per year.
- NV Energy partnered with the Clark County School District to enter into a 25-year lease for this CBSR.
- This CBSR interconnects directly to NV Energy's electric distribution grid and supports customers selected for ESAP.
- This CBSR drives the development of more clean energy to serve our customers, and also brings environmental benefits, a new green job training program, and other economic benefits to Nevada.
- Bombard Electric is the primary contractor constructing the Mojave Solar project that also has a work site agreement with the International Brotherhood for Electric Workers Local 357 and 396. Construction workers that are certified by the State of Nevada's Department of Employment, Training and Rehabilitation program are also employed.
- The project is operational as of December 21, 2021.





Upcoming filings to be made with the PUCN

(1) ESAP informational report due March 1, 2022

- Number of total customers
- Number of applications received
- Number of individuals that left program voluntarily
- Number of participants remaining in program
- Number of participants that did not recertify
- Number of participants that did recertify
- Status of CBSRs
- Subscribed energy
- Program rate information
- Workforce statistics
- Customer calls
- Energy production

(2) ESAP Recovery of Assets due March 1, 2022

- NV Energy to request to recover the incremental spend that was accrued during 2021 for the implementation of ESAP and other ESAP items.

(3) ESAP Plan Amendment to be filed Spring 2022

- NV Energy to request approval of the two CBSR sites that were selected by the community, in addition to updates to be made to ESAP for 2022.

Questions?



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