

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Joint Application of Nevada Power Company d/b/a NV Energy and Sierra Pacific Power Company d/b/a NV Energy for approval of their 2027-2046 integrated resource plan, 2027-2029 Action Plan and 2027-2029 Energy Supply Plan.

Docket No. 26-05 ____

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TECHNICAL APPENDIX DISTRIBUTION RESOURCES PLAN

DESCRIPTION	PAGE NUMBER
DRP-1 NV Energy's Net Energy Metering Reliability Impact Thresholds	2
DRP-2 Nevada Power Sierra Past Peaks	26
DRP-3 Nevada Power Sierra Forecast Peaks	67
DRP-4 NV Energy Hosting Capacity Analysis Monthly Update Internal Process Flowchart	101
DRP-5 NV Energy Distributed Resources Plan Web Portal User Guide 3-2 051023	105
TEP-1 Stakeholder Meetings	140
TEP-2 Benefit Cost Analysis	197
TEP-3 Rate Impact	216

DRP-1

NV Energy's Proposed Net Energy Metering Reliability Impact Thresholds

**Prepared pursuant to Paragraph 60 and Ordering Paragraph 17 of the Public Utilities
Commission of Nevada's December 27, 2024, Order in Docket No. 24-05041**

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Table of Contents

Section 1. Overview.....	3
A. Background.....	3
B. Purpose and Scope	4
Section 2. Thresholds Framework - Rules No. 15.....	6
A. Rules No. 15 - Technical Review Process	6
B. Rules No. 15 - Advanced Inverter Capabilities	7
C. Rules No. 15 - Commissioning Process.....	8
Section 3. Thresholds Framework - Tracking, Reporting and Forecasting..	10
A. Tracking	10
B. Reporting.....	11
C. Forecasting.....	11
Section 4. Thresholds Framework - Communication Protocol	13
A. Existing NEM System Customers	13
B. Active NEM System Applicants	14
C. Future Potential NEM System Customers	14
Section 5. Thresholds Framework - Operational Assurance.....	16
A. Operational Procedures	16
B. Operational Systems	17
C. Operational Use Case Pilots.....	17
D. Operational Reliability – Disturbances Originating Outside the Distribution System	19
Section 6. Thresholds Framework Implementation	20
Appendix A – California’s “OpFlex” Pilots.....	21
Appendix B – Integrated Grid Planning and Operating Criteria	23

Section 1. Overview

A. Background

In response to ordering paragraph 17 (“Directive 17”) and paragraph 60 in the Public Utilities Commission of Nevada’s (“Commission’s”) December 27, 2024, order in Docket No. 24-05041 (the “Order”), this report provides NV Energy’s (also, the “Companies”) proposed framework for net energy metering (“NEM”) reliability impact thresholds (“Thresholds”) specific to the electric distribution system and describes how those Thresholds will be defined, tracked, communicated, and applied. The objective is to provide a defensible, implementation-ready approach for inclusion in NV Energy’s Distributed Resources Plan (“DRP”) as part of its next Integrated Resource Plan (“IRP”) that is aligned with the proposed revisions to the Companies’ Rules No. 15 resulting from the public stakeholder workshops that were required per ordering paragraph 16 (“Directive 16”) of the Commission’s Order.¹

Directive 17 of the Commission’s Order required NV Energy to:

“...propose NEM reliability impact thresholds, related tracking, and Rule 15 or another tariff revision to ensure that there are no negative distribution system impacts with incremental NEM penetration in NV Energy's next IRP or IRP amendment filing after NV Energy obtains stakeholder input during the planned 2025 Rule 15 workshops.”

Paragraph 60 of the Commission’s Order required NV Energy to:

“... propose NEM reliability impact thresholds, related tracking, and Rule 15 or another tariff revision to ensure that there are no negative distribution system impacts with incremental NEM penetration in NV Energy's next IRP or IRP amendment filing after NV Energy obtains stakeholder input during the planned 2025 Rule 15 workshops. NV Energy shall work with Staff and other interested stakeholders to establish the relevant thresholds, plan, communication protocol (for existing and future or potential NEM customers), and tariff revisions. The Commission restricts these discussions to NEM's potential effect on the reliability of the distribution system only, pursuant to NRS 704.741(3)(d).”

In establishing the relevant Thresholds, NV Energy interprets “negative distribution system impacts” in Directive 17 as those that violate planning, operating, safety, or reliability criteria, or contribute to increasing the number (frequency) or length of service interruptions,² under normal

¹ On December 31, 2025, NV Energy filed proposed revisions to its Rules No. 15 in Advice Letters Nos. 562 and 689-E for Nevada Power Company and Sierra Pacific Power Company, respectively (“Rules No. 15 Advice Letters”), which were assigned Commission Docket Nos. 25-12031 and 25-12032, respectively.

² The frequency and length of service interruptions on NV Energy’s electric distribution system are generally measured through the industry standard metrics of system average interruption frequency index (“SAIFI”), system average interruption duration index (“SAIDI”) and similar indices. Reference Institute of Electrical and Electronics Engineers (“IEEE”) Standard 1366-2022.

or abnormal system conditions. Temporary overvoltage or grounding issues, miscoordination of protection systems, fault-duty exceedances, and failure of anti-islanding protections that could endanger workers, the public, or equipment could result in safety impacts. Reliability impacts could include service outside American National Standards Institute (“ANSI”) C84.1 voltage ranges, thermal overloads of conductors or transformers, excessive regulator or capacitor operations, nuisance trips or maloperations, and other power-quality violations. The proposed Thresholds and procedures are designed to prevent these outcomes as NEM adoption increases.

B. Purpose and Scope

Distribution system reliability is supported by establishing equipment, procurement, design, planning, and construction guidelines, and is ultimately reflected in the operation of the system. The proposed Thresholds framework focuses on the planning and operational aspects of reliability assurance.

The scope of NV Energy’s proposed Thresholds framework is confined to NEM’s potential effects on the distribution system pursuant to Nevada Revised Statutes (“NRS”) 704.741(3)(d)³ and paragraph 60 of the Commission’s Order which restricts discussion of the issue to the effects on the distribution system. However, in recognition of the fact that there is approximately 1.2 GW of NEM nameplate capacity installed on its distribution system as of year-end 2025, NV Energy discusses the possible effect on distribution system operations of correlated inverter disconnection during system disturbances originating outside the distribution system.

The Commission’s Order also required that NV Energy work with the Regulatory Operations Staff of the Commission (“Staff”) and other interested stakeholders to establish the relevant Thresholds, plan, communication protocol (for existing and future or potential NEM customers), and any required tariff revisions. This was accomplished through multiple public stakeholder meetings discussing proposed revisions to its Rules No. 15 conducted by NV Energy and its consultants Ennovara and Vahala Energy Solutions⁴ and subsequent meetings with Staff prior to the filing of the Companies’ 2026 Joint IRP.

NV Energy proposes a Threshold framework centered around and establishing:

1. design and technical requirements, including advanced inverter capabilities (Rules No. 15);

³ This statute requires “an analysis of the effects of the requirements of NRS 704.766 to 704.776, inclusive, on the reliability of the distribution system of the utility or utilities and the costs to the utility or utilities to provide electric service to all customers” within NV Energy’s IRP filings and that “the analysis must include an evaluation of the costs and benefits of addressing issues of reliability through investment in the distribution system”.

⁴ Refer to Attachment 5 in Docket Nos. 25-12031 and 25-12032.

2. a multi-level technical review process, including coordination/communication with the applicant (Rules No. 15);
3. mitigation of any potential issues prior to issuance of permission to operate (“PTO”) for a NEM system (Rules No. 15);
4. NEM system penetration tracking, reporting (DRP), and forecasting;
5. a customer communication protocol to explain processes, outcomes, and requirements; and
6. operating requirements, procedures and system.

Terminology and defined terms in NV Energy’s proposed revised Rules No. 15 are echoed here, facilitating both continuity and common understanding between the rules and this document. The proposed framework sets clear, measurable Thresholds to ensure that NEM system growth occurs without creating safety or reliability problems on the distribution system. The approach is built on design, technical, and operating principles that are objective, local, conservative, verifiable, enforceable, and auditable, and is applied initially through NV Energy’s Rules No. 15 review process.

Section 2. Thresholds Framework - Rules No. 15

NV Energy's proposed revisions to its Rules No. 15, including the Thresholds concepts embedded therein, were reviewed through a structured stakeholder process. Over a series of public workshops, the Companies presented contemplated revisions that included Thresholds embedded in screen E of the Rules No. 15 technical review process, progressive review and study triggers, risk mitigation ordering, and commissioning enforcement. Technical breakout sessions were held to validate key aspects such as protection requirements, metering, advanced inverter settings, and communication protocols with applicants. Stakeholder feedback was documented and provided within the Companies' Rules No. 15 Advice Letters filings. NV Energy also met with Staff to further discuss the Thresholds framework and related elements contemplated by paragraph 60 of the Commission's Order, including reporting enhancements and operational considerations associated with increasing and aggregated NEM penetration.

A. Rules No. 15 - Technical Review Process

NV Energy's proposed revisions to its Rules No. 15 integrate the Commission's Directive 17 into the rules with clear Thresholds, defined terms, and enforceable checkpoints. The proposed Rules No. 15 include a technical review process comprised four review levels ("Simplified Review", "Fast Track Review", "Supplemental Review", and "Detailed Review"), as necessary, each designed to provide greater and more detailed scrutiny of an application (including NEM systems) aimed at gauging an interconnection's potential to affect the distribution system.

The first technical review level, and the most expeditiously applied, is Simplified Review, within which Thresholds translate technical limits into simple pass/fail checks (screens) at the point of interconnection ("POI") and along relevant line sections, using hosting capacity and relevant minimum load concepts, with more conservative treatment where data are incomplete.

Screen E in NV Energy's proposed Rules No. 15 applies Thresholds in sequence:

1. Hosting capacity screen – Each application is compared against NV Energy's published hosting capacity at the POI. Projects pass if their maximum generating capacity is ≤ 90 percent of the available incremental hosting capacity. This is conservative and localized, ensuring headroom remains.
2. Relevant minimum load screen – If hosting capacity is unavailable or the 90 percent limit is exceeded, aggregate generation on the line section is compared to its minimum load relevant to when the project would be generating (or discharging if an energy storage device). This is the line section's relevant minimum load. Projects pass if the total existing aggregate generation plus that of the project is ≤ 100 percent of the relevant minimum load. This tests whether reverse power flow could be expected to occur, which could exceed the thermal capacity of the local distribution facilities or could affect the feeder's protection

and voltage-control devices whose controls may not function properly in the presence of reverse power flow. Non-export systems automatically pass, since they do not add incremental export to the line section.

3. Fallback percentage of peak load screen – If neither hosting capacity nor relevant minimum load data are available, projects pass if the total existing aggregate generation plus that of the project is ≤ 15 percent of the determined peak load of the line section. Non-export systems automatically pass, since they do not add incremental export to the line section.

When data are incomplete, screen E would default to conservative assumptions that preserve operating margins. The framework is technology-neutral and based on information that NV Energy publishes and updates regularly and customers can reference in advance on the Companies' DRP web portal (*i.e.*, hosting capacity) or via a pre-application report request (which is a newly proposed aspect of NV Energy's revised Rules No. 15).

Although the great majority of interconnections will qualify for Simplified Review, comparatively larger capacity ones that could have a greater impact on the distribution system will be subject to Fast Track Review or Supplemental Review wherein additional technical screens are applied to determine the interconnection's impact on the system.

As proposed in NV Energy's revised Rules No. 15, if screens within the technical review process are failed, an indication of potential risk to the distribution system, the applicant may choose to amend, withdraw, or proceed to the final level of review -- Detailed Review. Meetings may be requested by the applicant at any point in the process to review options before committing to an interconnection study or any required distribution system improvements that may have been determined by NV Energy to ensure the safe and reliable interconnection of the project. If any violation of the technical screens cannot be remedied by the applicant, a project-specific interconnection study will be performed to confirm whether NV Energy planning or operating criteria (see Appendix B below) would be violated, and if so which one(s), and to identify least-cost, effective mitigations. The interconnection study focuses on the electrically relevant line sections and the associated substation and may include steady-state and time-series modeling to evaluate voltage compliance, thermal loading, equipment control and settings, grounding/temporary overvoltage behavior, fault-duty margins, and protection coordination with the added distributed energy resource ("DER").

B. Rules No. 15 - Advanced Inverter Capabilities

NV Energy's proposed revised Rules No. 15 are modernized by moving beyond static screening and embracing active coordination between DERs and the grid. The core premise is that advanced inverter functions, when properly enabled and verified, can potentially preclude or mitigate many of the negative impacts that historically constrained DER adoption. The framework prioritizes software-enabled, standards-based controls that keep the grid safe while unlocking higher

penetrations of customer generation. The transition from IEEE 1547-2003 to IEEE 1547-2018-compliant equipment represents one of the most impactful mitigation measures for addressing distribution system impacts with incremental NEM penetration.

IEEE 1547-2018 establishes a mandatory suite of advanced inverter functionality. The proposed revised Rules No. 15 make these functions default-enabled and enforceable at the reference point of applicability (“RPA”). Key functions include:

- Volt-VAR and Volt-Watt control (continuously adjusting reactive and real power to counteract voltage rise and absorb fluctuations);
- fixed power factor (if required--maintaining voltage stability on sensitive feeders);
- frequency-Watt response (reducing output when grid frequency drifts, supporting system stability);
- ride-through profiles (preventing nuisance trips during transient events so DERs ride through disturbances instead of exacerbating them); and
- limited generation profile (shaping the output of the generator via a certified power control system (“PCS”), which may result in limited export operation).

The proposed revisions to NV Energy’s Rules No. 15 unlock more DER adoption without compromising safety or reliability. Default-enabled advanced inverter functions present the opportunity to preclude or mitigate local impacts. Maximum generating capacity in the form of a limited generation profile or limited export tailors project output to distribution system capability.

C. Rules No. 15 - Commissioning Process

Within the processes outlined in NV Energy’s proposed revised Rules No. 15, enforcement occurs before energization. Proposed added language to section J of the rules requires projects to provide commissioning evidence of conformance with IEEE 1547-2018 settings (either standard or project-specific) and that advanced inverter functions are enabled and UL Solutions (f.k.a., Underwriters Laboratories) (“UL”) 1741 SB-Certified. PTO would be issued only after all mitigations, if required, are implemented and verified. In some cases, NV Energy may issue a temporary interconnection authorization for commissioning-only, non-export operation. Unauthorized parallel operation with NV Energy’s distribution system is prohibited.

Recommended mitigation to identified violations of technical or operating criteria includes options from simple settings changes to more costly construction:

1. specify IEEE 1547-2018 advanced inverter functions at the RPA, including Volt-VAR, Volt-Watt, ride-through, fixed power factor;
2. adjust protection and voltage-control device settings;

3. apply limited generation profile/limited export operation through use of certified PCS to shape output within available hosting capacity; and
4. propose distribution system improvements only if required.

Section 3. Thresholds Framework - Tracking, Reporting and Forecasting

A. Tracking

Tracking is required not only to satisfy the Order’s “related tracking” requirement, but to ensure that high-level metrics monitor and capture NEM penetration over time and facilitate proactive response on NV Energy’s part. Tracking operates within the Rules No. 15 process with application-level records that show how technical screening and enforcement were applied to each project, and if necessary, memorialize the interconnection study as an exhibit to the interconnection and operating agreement, through continuous data capture in NV Energy’s NEM application management system (PowerClerk), and through periodic feeder/substation-level summaries that reveal the distribution facilities and locations where NEM penetration is at its highest.

The overall application process will identify the basis used in the proposed screen E in Rules No. 15 (hosting capacity, relevant minimum load, or 15 percent of peak load) and the pass/fail outcomes of all the screens applied in the technical review process. If an interconnection study is performed, the record will identify the technical or operating criteria exceeded, and if any recommended mitigation is settings-based, operational, or a targeted upgrade to the distribution system. Commissioning artifacts will be referenced explicitly such as settings verification, UL 1741 SB certification, any temporary interconnection authorization used for commissioning-only operation, the date mitigations were verified, and the PTO date.

NEM system applications are entered into PowerClerk with the status and pertinent data captured and tracked within that system and NV Energy’s customer information system. NEM system installed capacity is captured on a monthly basis for tracking and reporting

As noted in each of its DRP filings, NV Energy currently accomplishes feeder-level tracking of NEM systems via an internally-developed Tableau-based DER Analytics Dashboard system with data refreshed on a monthly basis. This system has been in place for several years; however, with its acquisition and implementation of the LoadSEER software from Integral Analytics, NV Energy will be able to leverage the data required for this software, which includes all NEM and non-NEM behind-the-meter and front-of-the-meter distributed generation installations, within this new integrated platform for NEM system tracking along with the many other capabilities of the software. The specific data reported in the DRP and on NV Energy’s DRP web portal that supports NEM penetration tracking is described in Section 3.B below.

For feeder/substation-level tracking, NV Energy will leverage the monthly Hosting Capacity Analysis (“HCA”) refresh published on its publicly-accessible DRP web portal. Aggregated indicators derived from that dataset illuminate reliability and safety trends without exposing customer-specific details.

B. Reporting

NV Energy reports NEM system-related data via its publicly-accessible DRP web portal, within the DRP itself, and through internal study and reporting.

NV Energy updates and posts the load, photovoltaic, and generation hosting capacity on feeder sections on its DRP web portal multiple times per year (*i.e.*, the full distribution system in the first quarter each year and then monthly on targeted feeders from April through December, the average of which comprises approximately 43 percent of all distribution feeders each month). Feeder section-level hosting capacity results are provided for seven years beyond the current year. The DRP web portal also provides the total existing and queued DER capacity by feeder for each substation and aggregated hosting capacity results indicating the number and percentage of feeder sections with various amounts of available hosting capacity and the technical criteria that limits those values.

Within each DRP, NV Energy provides figures showing the number of residential and non-residential cumulative NEM interconnections and capacity for each of the Companies by year, the total installed NEM capacity by resource (*i.e.*, solar, wind, hydro and geothermal) for each of the Companies, and the 20 highest penetrated feeders for each of the Companies in terms of both penetration percentage and total capacity. This reporting comes from both the internal monthly reports of NEM system installed capacity and the data currently tracked in the DER Analytics Dashboard system.

Additionally, on a biennial basis from 2020 to 2024, NV Energy identified which feeders have been experiencing reverse power flow at the feeder breaker utilizing metering data. and the Companies now perform this study on an annual basis including distribution substation transformers in addition to feeders beginning in 2025. This study provides useful data for the Companies' operating groups to help focus their attention on areas of the system where reverse power flow may affect the operation of devices on the distribution system, including protective devices, providing the opportunity to determine and address control and settings changes that may be required.

This data can reveal not only individual feeders or substation transformers, but in a larger sense, areas of the distribution system that may be experiencing comparatively higher NEM system penetration. Attention and study can then be directed towards these facilities or areas.

C. Forecasting

The forecasting of increasing DER penetration in general, beyond only NEM systems, is necessary for distribution system planning, identification of potential grid needs, and proactive evaluation of where increasing penetration could affect the technical criteria underlying the Thresholds framework. NV Energy's DRP regulations require forecasting of net distribution system load and

DER penetration, both in terms of energy and nameplate capacity, at the system, substation, and feeder levels.⁵

Focusing on NEM systems, NV Energy has historically developed forecasts at the system level within the load forecast that is part of its IRP. Feeder-level data has been tracked through the Tableau-based DER Analytics Dashboard for the past several years. With its acquisition and implementation of the LoadSEER software, NV Energy will be able to produce spatial DER adoption forecasts at the feeder level based upon customer propensity to adopt data and models that can be aligned with system-level.

From a Thresholds perspective, a spatial NEM forecast can support the identification of feeders and substations where NEM system penetration is projected to increase toward levels that may push against the local available hosting capacity, and feeders or distribution substation transformers where reverse power flow may be expected to occur or increase. This forward-looking capability will allow NV Energy to direct attention toward areas of the distribution system and, where warranted, study and recommend potential mitigation in a proactive rather than reactive manner.

⁵ See Nevada Administrative Code 704.9237(2)(f).

Section 4. Thresholds Framework - Communication Protocol

The Commission's Order also required NV Energy to work with Staff and other interested stakeholders to establish a communication protocol for existing and future or potential NEM customers. This section describes how outcomes will be communicated to customers and applicants so that the processes in NV Energy's Rules No. 15 are both enforceable and understandable. The intent is to provide clear explanations of what was reviewed, why certain limits or upgrades are required, and how the applicant can move forward to obtain PTO.

A. Existing NEM System Customers

Existing NEM system customers can be comfortable in the knowledge that when their systems were accepted for interconnection and they signed a service agreement with NV Energy, particularly without the need for distribution system improvements, the Companies essentially acknowledged that their systems would not detrimentally affect the distribution system, assuming that such systems continue to operate in accordance with the agreement. Moving forward, the opportunity for these customers to choose to participate in future Commission-approved programs or tariffs exists, assuming their systems qualify depending upon the requirements of such offerings.⁶ This is especially true for customers with existing NEM systems that already have advanced inverters installed and operating. These customers could extract additional value from their assets and also allow NV Energy to maximize its investment in systems like its Distribution Energy Resource Management System ("DERMS") and Network Management System ("NMS").

For any such offerings, assuming Commission approval, NV Energy expects to communicate program availability and participation options to existing NEM customers using established customer communication channels and supporting materials. Communications will be designed to be clear and consistent, including (as applicable) whether participation is voluntary, whether any customer action is required, and what general conditions or equipment capabilities may be needed to participate. For example, NV Energy could use readily-available information already maintained in billing and interconnection records, along with known equipment attributes, to segment existing NEM customers for targeted outreach and streamlined enrollment. This could include focusing initial communications on customers most likely to be eligible immediately (*e.g.*, customers with advanced inverter capable systems or known compliant settings) or those in areas of the system where NV Energy has determined an operational need and therefore value in targeting these customers for these types of offerings, while using a separate message and simple enablement pathway for customers who may require a minor verification or configuration step, and limiting outreach for customers who are not eligible or not targeted for a given offering. This

⁶ The proposed tariff schedules and riders in NV Energy's Advice Letter Nos. 557 and 684-E filed in Docket Nos. 25-10012 and 25-10013, respectively, that support the Companies' IRP-approved demand response programs and a broader set of load flexibility programs represent such possible offerings.

type of segmentation can support clear customer expectations, improve participation rates, and help minimize unnecessary customer inquiries and administrative workload.

B. Active NEM System Applicants

NV Energy must notify or respond to the applicant at several stages of the proposed revised Rules No. 15 processes:

- Technical review process screening – The applicant will be informed regarding the level(s) of review required (Simplified Review, Fast Track Review, or Supplemental Review), if the application passed all applicable screens, or if it failed any of the applicable screens, which ones and why;
- Interconnection study notice – If NV Energy determines that a Detailed Review is required, or if the applicant requests such, the Company will provide the study scope, criteria under review, estimated cost, and schedule for an interconnection study;
- Temporary interconnection authorization notice – As proposed, NV Energy may issue a temporary interconnection authorization (automatically, in the case of applications 25 kW net nameplate capacity or below) to allow commissioning-only operation under non-export operation while settings and communications are validated; and
- PTO notice – Would be issued only after required mitigations are implemented and verified. Unauthorized parallel operation with NV Energy’s distribution system will continue to be prohibited.

In addition to written notices, the proposed revised Rules No. 15 processes include opportunities for applicants and NV Energy to meet and work through issues collaboratively. When a project does not pass a screen or requires technical review above the initial required level, the applicant will be offered the option of a meeting (an “applicant options meeting”) with NV Energy staff. These sessions would allow both parties to review the flagged issues, discuss study scope, and walk through potential mitigations. If limited operation, targeted upgrades, or safety-critical issues are identified, these meetings can confirm settings, cost responsibilities, and schedule impacts before final agreements are executed.

Communication is part of the assurance cycle. If recurring issues or corrections are identified, available educational materials in a handbook, on the Companies’ website, or in the applications themselves, can be updated to preclude such going forward. This continuous refinement improves customer understanding, reduces rework, and streamlines future interconnections.

C. Future Potential NEM System Customers

NV Energy informs future potential NEM customers with relevant information on its corporate website, including providing:

- a link to its DRP web portal and the hosting capacity information it contains; and
- information regarding clean energy, solar, and energy storage, including a PowerClerk application portal, tariffs, process information, a solar performance calculator, approved equipment lists, handbooks and frequently asked questions.

Additionally, following the Commission's approval of its proposed revised Rules No. 15, NV Energy expects to:

- update related handbooks;
- update related internal standards;
- update related applications;
- update technical review/study templates;
- update related agreements;
- develop a handbook specific to the Rule 15 process; and
- develop new process flows and training.

The updating or creation of these documents will help clarify the processes and requirements for future potential NEM customers and better enable their participation in relevant tariffs or programs.

Section 5. Thresholds Framework - Operational Assurance

Proactively precluding any negative effects from increasing NEM penetration on the distribution system through planning, tracking, or reporting is important to mitigate the potential impact of NEM systems. However, considering all of the potential operating conditions and scenarios that could occur going forward and that could be affected by the presence of NEM systems, operational procedures and systems that account for and can manage how NEM systems operate can serve as a final safeguard, while the potential piloting of the capabilities of existing and developing systems could also aid in operational assurance in precluding or mitigating any negative effects.

A. Operational Procedures

During the discovery process for Docket No. 24-05041, NV Energy's 2024 Joint IRP filing, the Companies responded to certain data requests from Staff concerning the criteria that NV Energy's operations groups used to identify situations where NEM systems may be presenting a reliability risk and what the specific criteria were regarding these situations.⁷ The Companies indicated at that time that no NEM systems had been identified as either causing or contributing to service interruptions on the distribution system, that the identification of such instances would occur on a case-by-case basis, that the Companies' response to such situations would occur on an ad-hoc basis, and that NV Energy's operational personnel were confident in such identification and mitigation.

Establishing this Threshold framework also provides an opportunity for NV Energy to examine and potentially enhance its operational procedures. Accordingly, NV Energy plans to:

1. increase operational awareness of the existence, penetration level, and potential impacts of NEM systems on the distribution system by ensuring that operations personnel are aware of existing tracking and information systems (*e.g.*, the DER Analytics Dashboard, LoadSEER, and the DRP web portal) and studies (*e.g.*, reverse power flow at feeder breakers and distribution substation transformers) that report the effects of these systems to help inform switching and restoration practices, and the prioritization of any equipment settings reviews;
2. incorporate NEM penetration and potential impact awareness into its existing distribution operations training practices;
3. enhance its outage investigation, root cause analysis (when conducted), and restoration processes to include an assessment of whether NEM systems contributed to or were affected by the event; and
4. enhance its data tracking for both planned and unplanned interruptions to capture instances where NEM systems are determined to either cause an interruption or materially contribute

⁷ Refer to data requests Staff-59 and Staff-133 that were introduced into Docket No. 24-05041 as Attachments GS-6 and GS-7 to Staff witness Mr. Gaurav Shil's prepared direct testimony.

to incremental interruption length and specifically capture the impact of NEM systems on distribution reliability as measured by SAIFI and SAIDI to highlight this for those reviewing this information and ensure its continued visibility.

NV Energy is targeting these improvements over the next year and expects to report status on their implementation in the expected filing of its 2027 DRP Update on or before September 1, 2027.

B. Operational Systems

NV Energy's long-term vision is grid-coordinated DER operations facilitated through a DERMS, coupled with an upgraded NMS. The Companies' proposed revised Rules No. 15 establish the prerequisite standardized functions, default-enabled control settings, and enforceable verification procedures. DERMS will build on this foundation by allowing NV Energy to send real-time or day-ahead signals that can coordinate fleets of DERs as "grid resources," in this framework, to the betterment of the operation of the distribution system. This capability is critical to maximize hosting capacity, support higher DER penetrations, and provide local flexibility services.

NV Energy is sequencing its DERMS rollout in phases. In the near term, flexibility is achieved locally through advanced inverter settings applied during the interconnection process. As DERMS functionality is sequentially deployed, these same inverters can receive operating modes and settings parameters directly from Utility control platforms in association with operational programs or tariffs wherein the owners of these installed systems have agreed to allow such coordination and control for specified purposes within those mechanisms for the benefit of both the customer and the grid. At that stage, operational flexibility becomes dynamic rather than static, enabling not only safe accommodation of incremental NEM systems but also system-wide optimization of DERs as part of resource adequacy and reliability planning.

As DERMS capabilities mature, NV Energy will be able to coordinate these advanced inverter fleets at scale, helping both to increase hosting capacity and manage operational conditions while maintaining standards. Simply, the framework then moves from "screen and stop" to "screen, shape, and coordinate," turning DER growth into a grid asset rather than a potential liability.

C. Operational Use Case Pilots

Ordering paragraph 18 in the Commission's Order required NV Energy to evaluate hosting capacity under contingency conditions, including tracking the California Public Utilities Commission's ("CPUC's") Resolution E-5260 in its 2025 DRP Update.⁸ In that filing, NV Energy noted that from its past research on the subject and considering the inability of interested parties to identify other utilities or jurisdictions that perform hosting capacity analysis under modeled contingency conditions in stakeholder meetings held earlier in 2025, the Companies reasonably

⁸ The 2025 DRP Update was filed in Commission Docket No. 25-08029 on August 29, 2025.

concluded that determining hosting capacity under contingency conditions on the distribution system is not presently a well-known and used analytical technique in the industry from a planning perspective.

During its research, however, NV Energy noted the CPUC's Resolution E-5260, which required the major California Investor-Owned Utilities ("IOUs") (*i.e.*, Southern California Edison, Pacific Gas & Electric, and San Diego Gas & Electric) to perform "OpFlex" pilots⁹ aimed at ensuring the continued safe operation of the electric distribution system during abnormal system operating conditions in response to increasing DER penetration. In stakeholder meetings held in the second quarter 2025 discussing its hosting capacity analysis, NV Energy noted its understanding that the California IOUs' OpFlex pilots relate to operational solutions rather than modeled analytical solutions, and that the "OpFlex" values associated with the California IOU's Integration Capacity Analysis (a.k.a., HCA) are not based on modeled contingencies on the distribution system.

The immediate benefit from the California IOUs' OpFlex pilots is the knowledge and experience gained in testing whether DER operational alternatives can serve as sufficient mitigation for operational constraints that may be encountered that could not have been modeled and analyzed in the determination of hosting capacity. Coordinated advanced inverter ride-through and protection settings can reduce mis-operations and prevent DERs from disconnecting when they should remain interconnected, without endangering the safety or operation of the distribution system and could in fact aid the system during these conditions.

Notably, NV Energy has calculated hosting capacity based on a reverse power flow criterion since it began performing its HCA, and those results are available within the downloadable HCA results files on the Companies' DRP web portal. NV Energy's proposed revised Rules No. 15 operationalize this and other hosting capacity data through screen E's relevant minimum load test, which directly evaluates whether aggregate generation on a line section could produce reverse power flow, and through the advanced inverter and limited generation profile requirements that manage DER output within available hosting capacity. These elements are designed to ensure that the distribution system can be operated safely as NEM penetration increases, including during abnormal operating conditions. NV Energy's current HCA evaluates normal operating conditions; however, the operational flexibility elements described in this section and in the proposed revised Rules No. 15 address the conditions beyond those assumptions contemplated by ordering paragraph 18.

NV Energy's 2025 DRP Update filing discussed the California IOUs' "OpFlex" pilots,¹⁰ and indicated the Companies' intent to report further on them in its next DRP filing. The settlement agreement for that filing obligated NV Energy to continue to monitor the progress of and report

⁹ These pilots were launched pursuant to CPUC Decision D.21-06-002. More detail regarding these pilots is provided in Appendix A.

¹⁰ Refer to Docket No. 25-08029, 2025 Distributed Resources Plan Update, at 47-49 (69-71 of 330).

on the pilots in its DRP filings going-forward and to consider conducting similar use case pilots with interested parties. More recently, the CPUC issued its Decision 26-02-025 in February 2026, establishing a standardized Flexible Service Connection framework that formalizes operational flexibility as a tool for managing the safe interconnection of load and generation under distribution capacity constraints, reflecting the progression from pilot to standardized implementation.

D. Operational Reliability – Disturbances Originating Outside the Distribution System

NV Energy recognizes the potential for increasing NEM penetration to affect distribution system operations, including the possibility of correlated NEM system inverter disconnection during disturbances that might originate outside the distribution system. The underlying mechanism in which voltage or frequency excursions propagate into the distribution system and cause inverter disconnections could produce observable distribution-level effects as aggregate NEM penetration grows on specific feeders and in specific areas.

The proposed Thresholds framework addresses this through the advanced inverter trip and ride-through settings requirements in the proposed revised Rules No. 15 that are aligned with the requirements of IEEE 1547-2018, directly reducing the susceptibility of new NEM installations to this type of event. The monitoring, post-disturbance assessment, and settings review procedures described in Section 5.A above will provide the operational tools to detect and respond to any such effects on the distribution system.

Section 6. Thresholds Framework Implementation

Implementation of the proposed Thresholds framework is tied to the Commission's disposition of NV Energy's proposed revised Rules No. 15, filed as Advice Letter Nos. 562 and 689-E in Docket Nos. 25-12031 and 25-12032, respectively. NV Energy proposed in those filings that the revised Rules No. 15 become effective 180 days following Commission approval. While the regulatory processes for those filings and this instant docket (NV Energy's 2026 Joint IRP filing) will occur concurrently, the Companies anticipate that the Commission's order in those filings will occur either concurrent with, but possibly following, the Commission's order in this instant docket. In either case, it is highly likely that the effective date the revised Rules No. 15 will be after the Commission's order in this instant docket.

Upon the effective date of the revised Rules No. 15, NV Energy will apply the Thresholds framework as part of routine NEM system application review through the technical screening sequence described in Section 2, using data published on the publicly-accessible DRP web portal. Outcomes will be recorded in the NEM application management system as described in Section 3.A.

NV Energy proposes to report on the outcomes of the Thresholds framework within each DRP or DRP Update filing, including the tracking and reporting data described in Section 3 and any updates to operational procedures described in Section 5.A. This reporting cadence should provide an annual updating of status and information and should ensure that the Commission and stakeholders have regular visibility into how the Thresholds are functioning in practice. Otherwise, NV Energy will comply with any additional or alternative reporting requirements as directed by the Commission in its order in this instant docket.

Appendix A – California’s “OpFlex” Pilots

California has been at the vanguard of bridging static interconnection screens and dynamic grid coordination through its “OpFlex” pilots under Rule No. 21. These pilots were launched pursuant to California Public Utilities Commission (“CPUC”) Decision D.21-06-002 and implemented via Advice Letters (*e.g.*, PG&E’s AL 6612-E) and utility pilot programs through Resolution E-5260, and they test whether DER operational alternatives can serve as sufficient mitigation for operational constraints.

California’s OpFlex design and objectives

- The pilot concept (Proposal F-1) prescribes that if a DER’s requested capacity exceeds the integration capacity analysis (“ICA”) limit *with operational flexibility constraints (ICA-OF)* but remains below the limit *without those constraints (ICA-SG)*, the utility should evaluate whether operational alternatives (*i.e.*, smart inverter commands, dynamic limits) could safely allow connection.
- Utilities were directed to build pilot programs that assess: (a) DER control communications (IEEE 2030.5, etc.), (b) dynamic limit calculation methods (day-ahead, real-time), (c) failsafe and fallback logic if communications are lost, and (d) integration into DERMS/Advanced Distribution Management Systems (“ADMS”) for dispatch and coordination.
- Early pilot results (*e.g.*, SDG&E’s MBESS pilot) demonstrated that DERs equipped with IEEE 2030.5 communications and converter/gateway architectures can participate in operational flexibility schemes, even with communication loss modes tested, while preserving safe operation.

How NV Energy’s proposed revisions to its Rules No. 15 echo, and improve on, California’s approach

The framework in NV Energy’s proposed revised Rules No. 15 deliberately aligns with the OpFlex philosophy but adapts it for its system conditions and timeline by:

1. **Default-enabled advanced inverter functionality as baseline**

California’s pilots assume DERs are capable of advanced control (*e.g.*, Volt-VAR, Volt-Watt, dynamic limits). NV Energy’s proposed revised Rules No. 15 ensure those capabilities are not optional, they must be enabled, certified, and verified at commissioning. Making advanced functions the starting point avoids needing to retrofit later.

2. **Limited export profiles as DER-side dynamic constraints**

Where hosting capacity may be limited, the proposed revised Rules No 15 allow limited generation profile/PCS settings to shape output in real time. This mirrors California's dynamic limit concept (flex-connect/DER limits) but is embedded in interconnection authorization rather than requiring full live control from day one.

3. **Hybrid pathway to utility-directed operations**

California's pilots lean sooner toward live signal-based control (*e.g.*, via DERMS or ADMS). The proposed revised Rules No. 15 framework takes a phased approach: first realize OpFlex via advanced inverter settings and limited export profiles, then layer in utility control via DERMS when the infrastructure is ready. This staggered approach mitigates risk while enabling more DERs today.

4. **Failsafe logic and communication loss modes**

California's pilot tests include scenarios where communications break (server to gateway, gateway to DER) and evaluate fallback behavior to ensure safe default operation.

5. **Dynamic triggers and dispatch via DERMS/ADMS integration**

In California, pilot implementations are already tying limit calculations into DERMS and advanced forecasting systems, creating day-ahead or real-time limit dispatch. The proposed revised Rules No. 15's infrastructure-ready design (*i.e.*, standardized inverter functions, verification, cross-references) is a necessary precursor to that same live orchestration capability.

By learning from California's OpFlex experience and embedding those lessons into NV Energy's proposed revised Rules No. 15, the framework enables more DERs on the grid *without negative impacts*. Advanced inverters do the heavy lifting at the grid edge. Limited export settings help support increased DER penetration within limited hosting capacity. Enabled through increased DERMS capabilities, utility-directed coordination will be layered in, not retrofitted. The result is more DER adoption, safer operations, and fewer forced upgrades, all while preserving technical rigor and regulatory traceability.

Appendix B – Integrated Grid Planning and Operating Criteria

The following table summarizes NV Energy’s established planning and operating criteria as documented in its DRP. These criteria provide the foundation against which incremental NEM interconnections are evaluated. The NEM Thresholds framework ensures consistency with NV Energy’s broader system planning practices and avoids duplication or conflict with other Commission-approved standards.

Category	Criterion	Reference or Standard	Notes
Thermal Capacity	Transformers and conductors limited to normal continuous thermal ratings	DRP	No element may exceed continuous ampacity
Voltage Range	Steady-state voltage must remain between 116 V – 126 V	DRP; ANSI C84.1 – Range A	Allowance for 2 V drop between the primary voltage side of the service transformer and the service entrance.
Voltage Variation	≤ 3.6 V variation (steady-state)	DRP; IEEE 1547-2018	Does not account for dynamic transients.
Reverse Power Flow	Amount of additional generation that would cause reverse power flow at the feeder headend	DRP	Reported in HCA results files but not used as a limiting criterion in establishing the available hosting capacity.

DRP-2

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Allen	ALN BK 1//2		60.6	63.8	62.2	51.6	53.2
NE	Allen	ALN BK 3		21.5	23.3	22.6	30.8	32.7
NE	Allen		ALN1201	311	335	332	322	328
NE	Allen		ALN1203	480	499	508	515	527
NE	Allen		ALN1204	301	291	216	198	176
NE	Allen		ALN1205	409	411	418	419	433
NE	Allen		ALN1206	519	534	523	474	472
NE	Allen		ALN1210	2	2	2	2	2
NE	Allen		ALN1212	461	473	541	463	476
NE	Allen		ALN1213	470	478	478	507	521
NE	Allen		ALN1214	442	468	441	536	546
NE	Allen		ALN1215	404	425	415	401	421
NE	Allen		ALN1217	205	211	205	213	220
NE	Alta	AL BK 3		25.9	27.1	27.0	24.6	25.8
NE	Alta	AL BK 4		12.6	12.2	12.2	11.8	11.7
NE	Alta	AL BK 5		26.4	28.8	29.1	28.8	30.1
NE	Alta	AL BK 6		4.4	4.9	5.1	5.5	4.4
NE	Alta		AL1202	467	489	472	495	508
NE	Alta		AL1203	455	472	456	427	448
NE	Alta		AL1205	340	344	343	293	287
NE	Alta		AL1208	173	135	133	132	94
NE	Alta		AL1209	439	462	461	473	482
NE	Alta		AL1210	339	335	345	356	369
NE	Alta		AL1212	325	372	383	369	383
NE	Alta		AL1213	323	339	341	343	339
NE	Alta		AL1214	297	314	310	317	325
NE	Alta		AL1217	40	40	39	44	42
NE	Alta		AL1218	175	197	207	221	179
NE	Andrews	AND BK 1//2		48.7	50.2	50.5	49.8	49.5
NE	Andrews		AND1204	318	331	355	375	355
NE	Andrews		AND1207	472	466	478	441	425
NE	Andrews		AND1209	302	329	339	506	498
NE	Andrews		AND1212	375	391	419	431	420
NE	Andrews		AND1213	174	193	194	199	197
NE	Andrews		AND1215	451	478	469	1	1
NE	Andrews		AND1217	278	309	203	475	491
NW	Angel Peak	AP BK 1		0.4	0.5	0.4	0.5	0.4
NW	Angel Peak	AP BK 2		0.0	0.0	0.0	0.0	0.0
NW	Angel Peak		AP3402	21	21	21	21	21
NW	Angel Peak		AP401	17	24	19	24	21
NW	Angel Peak		AP402	16	16	16	16	16
NW	Angel Peak		AP403	25	30	24	30	20
SE	Anthem	ANT BK 1//2		62.2	62.9	61.2	60.0	66.0
SE	Anthem	ANT BK 3		8.6	8.8	8.4	8.2	9.4
SE	Anthem		ANT1201	370	381	383	402	414
SE	Anthem		ANT1203	149	154	165	142	152

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Anthem		ANT1204	485	487	490	494	533
SE	Anthem		ANT1205	403	410	419	427	448
SE	Anthem		ANT1207	499	503	501	501	484
SE	Anthem		ANT1209	182	183	184	177	198
SE	Anthem		ANT1212	454	456	463	492	504
SE	Anthem		ANT1213	387	389	388	374	420
SE	Anthem		ANT1214	402	407	405	420	445
SW	Arden	AD BK 4//5		60.6	64.9	59.6	56.3	51.5
SW	Arden		AD1202	241	385	322	287	249
SW	Arden		AD1203	469	466	450	435	477
SW	Arden		AD1204	438	416	392	370	295
SW	Arden		AD1205	514	514	503	459	376
SW	Arden		AD1206	334	302	247	310	300
SW	Arden		AD1207	407	554	554	482	637
SW	Arden		AD1208	415	378	339	294	130
NE	Artesian	AR BK 2		32.3	29.8	28.2	28.0	31.6
NE	Artesian	AR BK 3//4		50.0	51.8	52.9	55.6	50.3
NE	Artesian		AR1202	221	219	228	231	236
NE	Artesian		AR1203	355	332	351	383	371
NE	Artesian		AR1204	508	459	339	275	455
NE	Artesian		AR1206	440	439	441	441	445
NE	Artesian		AR1208	349	370	366	360	374
NE	Artesian		AR1210	221	226	383	407	233
NE	Artesian		AR1211	423	433	413	433	439
NE	Artesian		AR1213	498	486	490	490	506
NE	Artesian		AR1214	439	444	465	436	440
NE	Artesian		AR1215	445	460	477	452	441
SW	Avera	AVR BK 1		50.5	49.7	49.2	46.7	44.2
SW	Avera	AVR BK 2		37.3	37.0	34.8	33.4	34.1
SW	Avera		AVR1205	499	505	501	479	509
SW	Avera		AVR1206	473	486	469	452	481
SW	Avera		AVR1208	479	493	504	465	500
SW	Avera		AVR1209	521	498	467	528	338
SW	Avera		AVR1210	446	417	361	311	323
SW	Avera		AVR1215	456	469	462	440	570
SW	Avera		AVR1216	422	421	404	412	377
SW	Avera		AVR1217	431	424	376	340	333
SW	Avera		AVR1221	457	470	384	403	387
SE	Balboa	BL BK 1		18.7	18.4	18.5	18.0	18.2
SE	Balboa	BL BK 2//3		33.5	33.2	32.1	32.4	36.0
SE	Balboa		BL1201	183	184	185	182	192
SE	Balboa		BL1203	486	472	470	447	453
SE	Balboa		BL1204	218	211	212	208	208
SE	Balboa		BL1207	349	352	352	372	338
SE	Balboa		BL1208	402	294	289	319	510

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Balboa		BL1209	179	178	190	184	201
SE	Balboa		BL1210	203	193	199	193	197
SE	Balboa		BL1211	452	541	479	438	429
NW	Beltway	BLT BK 3//4		49.2	48.6	46.3	36.2	32.3
NW	Beltway		BLT1213	232	248	238	224	233
NW	Beltway		BLT1214	135	137	135	128	140
NW	Beltway		BLT1216	250	233	233	254	184
NW	Beltway		BLT1217	426	380	294	127	47
NW	Beltway		BLT1218	404	415	384	288	229
NW	Beltway		BLT1219	466	493	490	429	444
NW	Beltway		BLT1223	372	394	399	260	278
NW	Beltway		BLT1224	45	45	45		
SE	Bicentennial	BCT BK 1//2		48.5	47.7	67.9	66.6	64.5
SE	Bicentennial	BCT BK 3		23.8	22.9	0.0		
SE	Bicentennial		BCT1201	271	272	296	245	169
SE	Bicentennial		BCT1203	375	385	394	415	422
SE	Bicentennial		BCT1204	381	385	384	404	404
SE	Bicentennial		BCT1205	470	470	471	518	521
SE	Bicentennial		BCT1210	432	434	438	236	237
SE	Bicentennial		BCT1211	257	257	252	271	274
SE	Bicentennial		BCT1213	146	45	19	17	22
SE	Bicentennial		BCT1214	436	430	346	310	312
SE	Bicentennial		BCT1215	285	265	201	213	212
SE	Bicentennial		BCT1217	436	421	399	502	497
SE	Big Bend	BGB BK 1		4.6	4.5	4.9	5.1	5.0
SE	Big Bend	BGB BK 2		10.7	10.6	11.1	10.9	11.4
SE	Big Bend		BGB2501	114	115	116	125	119
SE	Big Bend		BGB2507	254	256	258	266	270
NE	Blade Runner	BLD BK 1		0.0	0.4	0.5	0.5	
NE	Blade Runner		BLD1202	3	20	24	24	
SW	Blue Diamond	BD BK 2//3		0.0	0.0	0.0	0.0	0.0
SW	Blue Diamond		BD401	1	1	1	1	1
SW	Blue Diamond		BD402	1	1	1	1	1
SW	Blue Diamond		BD403	1	1	1	1	1
SW	Blue Diamond		BD404	1	1	1	1	1
SE	Boulder Beach	BB BK 1		2.0	2.0	2.0	1.9	2.0
SE	Boulder Beach		BB1201	93	93	91	89	92
SE	Burnham	BRN BK 1//2		51.5	51.5	50.9	50.3	51.5
SE	Burnham	BRN BK 3		22.3	23.1	23.7	23.3	24.4
SE	Burnham		BRN1201	358	357	361	336	357
SE	Burnham		BRN1202	427	430	411	401	428
SE	Burnham		BRN1204	416	434	443	401	438
SE	Burnham		BRN1205	355	351	380	358	350
SE	Burnham		BRN1206	299	291	294	280	266
SE	Burnham		BRN1209	417	431	408	427	403

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Burnham		BRN1210	226	229	228	227	234
SE	Burnham		BRN1211	298	319	338	327	360
SE	Burnham		BRN1212	412	428	433	407	446
SE	Burnham		BRN1214	333	349	374	385	355
SE	Cabana	CB BK 1//2		59.4	58.9	59.3	54.7	63.2
SE	Cabana	CB BK 3		22.9	22.5	23.1	22.8	23.7
SE	Cabana		CB1201	383	390	391	359	382
SE	Cabana		CB1202	302	313	316	240	399
SE	Cabana		CB1204	518	535	561	540	564
SE	Cabana		CB1205	451	451	450	442	475
SE	Cabana		CB1206	147	140	138	250	241
SE	Cabana		CB1209	498	529	527	532	541
SE	Cabana		CB1210	453	444	446	415	457
SE	Cabana		CB1211	404	412	411	409	426
SE	Cabana		CB1212	186	180	237	230	247
SE	Cabana		CB1214	478	469	486	492	515
SE	Cactus	CCT BK 1//2		43.6	41.1	39.6	38.4	40.4
SE	Cactus		CCT1201	1				
SE	Cactus		CCT1202	406	380	359	340	368
SE	Cactus		CCT1207	410	411	371	405	408
SE	Cactus		CCT1209	1				
SE	Cactus		CCT1211	492	491	463	466	481
SE	Cactus		CCT1212	457	431	407	355	358
SE	Cactus		CCT1214	294	298	279	256	275
SE	Cactus		CCT1216	1				
SW	Camero	CMO BK 2		17.5	17.6	17.5	18.1	17.3
SW	Camero		CMO1205	346	350	337	352	351
SW	Camero		CMO1206	367	376	396	393	373
SW	Camero		CMO1212	109	109	130	130	140
SW	Camero		CMO1213	2	2	1	1	1
NW	Canyon	CN BK 1		0.7	1.5	1.8	1.6	1.6
NW	Canyon		CN3401	12	25	30	28	27
NE	Carey	CA BK 5		9.3	8.6	8.2	8.2	7.9
NE	Carey	CA BK 6//7		31.2	32.8	31.1	30.5	30.2
NE	Carey	CA BK 8//9		16.8	16.5	16.6	16.2	16.8
NE	Carey		CA1201	120	140	142	145	139
NE	Carey		CA1203	320	311	239	243	236
NE	Carey		CA1207	431	413	373	340	332
NE	Carey		CA1208	214	226	233	246	238
NE	Carey		CA1209	209	212	198	187	198
NE	Carey		CA1211	356	375	390	402	410
NE	Carey		CA1212	303	294	313	290	283
NE	Carey		CA1213	292	305	303	286	304
NE	Carey		CA1215	341	350	351	353	363
NE	Carey		CA1220	181	178	179	142	144

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Carey		CA1221	4	4	4	4	3
NW	Charleston	CHR BK 1		13.0	13.0	13.8	12.2	12.8
NW	Charleston		CHR1201	320	317	329	328	344
NW	Charleston		CHR1202	310	318	343	255	275
NW	Cheyenne	CHN BK 1//2		50.0	51.7	52.1	52.9	56.6
NW	Cheyenne	CHN BK 3		18.7	19.6	19.9	19.6	19.5
NW	Cheyenne		CHN1202	501	536	508	493	430
NW	Cheyenne		CHN1204	386	408	420	428	447
NW	Cheyenne		CHN1205	395	394	363	396	411
NW	Cheyenne		CHN1207	411	430	450	484	585
NW	Cheyenne		CHN1208	446	443	486	471	561
NW	Cheyenne		CHN1210	232	246	245	264	282
NW	Cheyenne		CHN1211	416	443	431	428	407
NW	Cheyenne		CHN1212	420	442	443	426	471
NW	Cheyenne		CHN1214	78	79	78	117	119
STRIP	Claymont	CM BK 1		20.9	16.8	21.2	21.3	18.4
STRIP	Claymont	CM BK 2		21.3	17.6	23.5	23.7	24.4
STRIP	Claymont	CM BK 3		18.0	16.3	18.4	19.5	19.9
STRIP	Claymont	CM BK 4		19.6	15.4	19.9	19.1	17.9
STRIP	Claymont		CM1202	150	152	160	131	141
STRIP	Claymont		CM1204	422	446	464	479	406
STRIP	Claymont		CM1205	447	476	384	398	393
STRIP	Claymont		CM1209	398	430	446	463	468
STRIP	Claymont		CM1211	362	382	384	356	377
STRIP	Claymont		CM1212	304	300	318	299	305
STRIP	Claymont		CM1223	207	183	289	271	290
STRIP	Claymont		CM1224	333	346	346	367	387
STRIP	Claymont		CM1225	337	267	260	293	316
STRIP	Claymont		CM1228	337	366	358	366	382
STRIP	Claymont		CM1229	294	275	298	213	214
STRIP	Claymont		CM1230	106	107	133	96	68
STRIP	Claymont		CM1231	240	247	252	256	235
NW	Cold Creek	CC BK 2		5.0	4.8	4.9	5.1	5.0
NW	Cold Creek		CC1202	119	118	108	123	107
NW	Cold Creek		CC1206	117	114	121	126	132
STRIP	Commerce	COM BK 1		6.1	5.6	9.5	10.6	5.9
STRIP	Commerce	COM BK 2		21.4	23.1	18.9	23.2	15.9
STRIP	Commerce		COM1205	173	168	201	249	202
STRIP	Commerce		COM1207	281	260	258	266	272
STRIP	Commerce		COM1216	414	425	274	447	177
STRIP	Commerce		COM1218	251	272	260	141	124
STRIP	Commerce		COM1219	413	432	429	520	542
STRIP	Concourse	CON BK 1		17.5	18.1	19.4	20.7	21.5
STRIP	Concourse	CON BK 2//3		41.7	42.1	43.1	38.5	37.8
STRIP	Concourse		CON1201	220	236	336	363	366

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
STRIP	Concourse		CON1203	385	379	420	386	419
STRIP	Concourse		CON1204	253	274	262	259	256
STRIP	Concourse		CON1205	303	342	348	306	358
STRIP	Concourse		CON1206	421	397	399	394	408
STRIP	Concourse		CON1209	157	77	147	87	104
STRIP	Concourse		CON1211	359	363	369	358	361
STRIP	Concourse		CON1212	4	4	10	4	4
STRIP	Concourse		CON1213	208	206	206	228	220
STRIP	Concourse		CON1214	2	2	2	2	2
STRIP	Concourse		CON1215	183	166	169	171	124
STRIP	Concourse		CON1217	442	460	433	350	367
NE	Craig	CR BK 1/2		50.9	53.7	54.7	52.7	53.3
NE	Craig	CR BK 3		26.3	29.0	27.5	27.2	28.0
NE	Craig		CR1201	344	351	358	356	361
NE	Craig		CR1203	424	455	481	537	439
NE	Craig		CR1204	500	510	504	479	476
NE	Craig		CR1205	363	350	384	326	330
NE	Craig		CR1206	299	308	263	262	233
NE	Craig		CR1208	291	430	421	434	488
NE	Craig		CR1209	259	260	253	243	250
NE	Craig		CR1211	425	504	436	415	424
NE	Craig		CR1212	482	496	496	509	527
NE	Craig		CR1213	374	410	431	417	401
NE	DeBuono	DEB BK 1		14.3	15.0	15.0	15.1	17.6
NE	DeBuono	DEB BK 2/3		30.3	33.2	33.6	32.4	32.6
NE	DeBuono		DEB1203	341	354	359	351	478
NE	DeBuono		DEB1204	337	342	350	346	340
NE	DeBuono		DEB1210	294	298	308	291	297
NE	DeBuono		DEB1214	388	406	420	399	417
NE	DeBuono		DEB1215	393	417	429	404	423
NE	DeBuono		DEB1216	398	424	433	409	438
SW	Decatur	DE BK 3/7		34.3	34.3	33.7	32.6	31.8
SW	Decatur	DE BK 4/5		26.5	27.4	27.1	26.1	27.0
SW	Decatur		DE1201	271	280	276	277	295
SW	Decatur		DE1203	417	413	413	314	316
SW	Decatur		DE1204	441	456	437	451	404
SW	Decatur		DE1205	18	19	20	18	19
SW	Decatur		DE1206	272	284	279	291	309
SW	Decatur		DE1209	467	479	425	427	448
SW	Decatur		DE1212	484	498	536	506	538
SW	Decatur		DE1214	506	485	471	473	466
SW	Durango	DU BK 1		22.0	22.3	22.6	21.5	28.5
SW	Durango	DU BK 2/3		51.8	51.3	50.8	50.2	50.5
SW	Durango		DU1201	437	446	469	448	520
SW	Durango		DU1203	499	510	519	493	543

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SW	Durango		DU1204	350	339	369	376	366
SW	Durango		DU1205	100	108	69	66	54
SW	Durango		DU1208	495	512	517	498	592
SW	Durango		DU1209	510	519	558	541	558
SW	Durango		DU1210	489	496	478	503	545
SW	Durango		DU1211	409	413	413	401	442
SW	Durango		DU1212	484	423	421	423	525
SW	Durango		DU1215	5	5	5	5	5
NW	El Capitan	ELC BK 1		39.4	41.4	39.9	42.7	41.9
NW	El Capitan	ELC BK 2		45.9	47.0	42.7	43.6	43.7
NW	El Capitan		ELC1204	280	301	281	271	267
NW	El Capitan		ELC1205	359	375	364	340	321
NW	El Capitan		ELC1208	306	298	280	500	465
NW	El Capitan		ELC1209	454	482	472	433	463
NW	El Capitan		ELC1210	473	498	484	465	489
NW	El Capitan		ELC1215	532	540	479	469	482
NW	El Capitan		ELC1216	457	479	471	458	459
NW	El Capitan		ELC1217	543	552	529	525	517
NW	El Capitan		ELC1218	484	411	389	365	378
NW	El Capitan		ELC1221	258	267	259	259	259
STRIP	El Rancho	ER BK 1		8.9	9.9	11.2	10.7	10.9
STRIP	El Rancho	ER BK 2//3		17.8	18.5	19.3	19.1	18.2
STRIP	El Rancho		ER1201	143	151	236	230	235
STRIP	El Rancho		ER1203	313	330	288	274	279
STRIP	El Rancho		ER1205	273	278	259	271	221
STRIP	El Rancho		ER1207	69	74	72	77	86
STRIP	El Rancho		ER1209	198	214	216	215	188
STRIP	El Rancho		ER1211	152	155	161	153	156
STRIP	El Rancho		ER1212	175	182	222	215	199
NW	Elkhorn	ELK BK 1//2		64.4	67.7	65.2	64.9	66.7
NW	Elkhorn	ELK BK 3//4		41.2	43.8	29.0	23.7	23.0
NW	Elkhorn		ELK1201	235	208	202	200	209
NW	Elkhorn		ELK1202	467	491	487	521	520
NW	Elkhorn		ELK1206	357	380	369	356	358
NW	Elkhorn		ELK1208	554	556	557	521	547
NW	Elkhorn		ELK1209	490	492	473	436	443
NW	Elkhorn		ELK1211	512	539	559	511	511
NW	Elkhorn		ELK1212	525	533	530	512	547
NW	Elkhorn		ELK1213	378	348	345	322	342
NW	Elkhorn		ELK1214	418	434	402	390	370
NW	Elkhorn		ELK1216	489	559	532	408	363
NW	Elkhorn		ELK1218	1	1	1	1	
NW	Elkhorn		ELK1223	438	491	1	1	
NW	Elkhorn		ELK1224	298	269	147		
STRIP	Excalibur	EX BK 1//2		26.7	29.1	28.7	30.0	26.2

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
STRIP	Excalibur	EX BK 3//4		19.0	22.0	23.1	23.5	20.6
STRIP	Excalibur		EX1201	305	302	303	322	311
STRIP	Excalibur		EX1203	213	195	199	208	231
STRIP	Excalibur		EX1204	171	174	188	183	198
STRIP	Excalibur		EX1205	292	322	310	343	168
STRIP	Excalibur		EX1206	431	417	401	407	424
STRIP	Excalibur		EX1209	5	5	5	5	5
STRIP	Excalibur		EX1211	242	247	264	245	254
STRIP	Excalibur		EX1212	62	62	63	63	61
STRIP	Excalibur		EX1213	312	343	360	358	331
STRIP	Excalibur		EX1214	157	148	174	176	162
STRIP	Excalibur		EX1215	245	266	261	298	333
SE	Faulkner	FLK BK 3		37.4	37.1	37.0	34.2	35.3
SE	Faulkner	FLK BK 4		41.3	39.0	39.1	40.0	41.0
SE	Faulkner	FLK BK 5		25.6	24.2	22.2	23.0	24.4
SE	Faulkner		FLK1204	532	470	493	467	460
SE	Faulkner		FLK1205	379	374	381	418	432
SE	Faulkner		FLK1208	442	415	428	422	421
SE	Faulkner		FLK1209	306	305	311	375	390
SE	Faulkner		FLK1210	404	379	363	342	326
SE	Faulkner		FLK1215	572	565	547	432	472
SE	Faulkner		FLK1216	172	171	173	161	168
SE	Faulkner		FLK1217	159	158	159	152	166
SE	Faulkner		FLK1218	316	311	327	320	329
SE	Faulkner		FLK1220	181	175	164	170	173
SE	Faulkner		FLK1221	519	507	472	487	472
SE	Faulkner		FLK1223	0				
SE	Faulkner		FLK1224	234	214	196	186	208
SE	Faulkner		FLK1226	424	398	389	355	363
SE	Faulkner		FLK1227	586	559	448	545	573
STRIP	Flamingo	FL BK 1		11.3	12.2	12.2	5.5	6.0
STRIP	Flamingo	FL BK 2//3		17.1	17.9	21.7	25.5	25.8
STRIP	Flamingo		FL1202	412	402	415	150	154
STRIP	Flamingo		FL1203	164	179	182	123	154
STRIP	Flamingo		FL1206	138	144	146	133	147
STRIP	Flamingo		FL1207	0	0	1	160	147
STRIP	Flamingo		FL1208	182	159	180	199	192
STRIP	Flamingo		FL1209	129	123	116	101	106
STRIP	Flamingo		FL1211	114	136	287	314	332
STRIP	Flamingo		FL1212	297	309	325	337	363
SE	Ford	FRD BK 1		26.9	27.3	27.5	26.9	27.9
SE	Ford	FRD BK 2		39.5	40.8	40.5	39.6	42.6
SE	Ford		FRD1204	425	427	423	431	445
SE	Ford		FRD1208	396	409	406	410	429
SE	Ford		FRD1209	43	48	44	70	74

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Ford		FRD1210	391	395	402	376	412
SE	Ford		FRD1216	301	313	316	314	347
SE	Ford		FRD1217	301	308	307	301	332
SE	Ford		FRD1218	518	490	486	482	529
SE	Ford		FRD1220	371	371	376	366	401
SE	Ford		FRD1221	451	455	412	427	461
SW	Frias	FRS BK 1//2		44.8	39.9	40.7	32.5	32.7
SW	Frias	FRS BK 3		32.2	32.5	31.2	32.3	33.2
SW	Frias		FRS1204	245	1	1	1	
SW	Frias		FRS1206	528	527	507	447	451
SW	Frias		FRS1210	421	404	377	356	383
SW	Frias		FRS1211	503	523	470	490	524
SW	Frias		FRS1212	496	486	546	521	538
SW	Frias		FRS1214	502	514	496	468	498
SW	Frias		FRS1215	490	478	428	282	298
SW	Frias		FRS1217	514	523	534	496	496
STRIP	Garces	GA BK 2//3		26.2	26.1	25.9	28.2	27.8
STRIP	Garces	GA BK 4		6.3	6.4	6.6	7.0	12.2
STRIP	Garces		GA1201	346	362	368	426	441
STRIP	Garces		GA1202	177	171	177	199	200
STRIP	Garces		GA1204	118	120	124	118	124
STRIP	Garces		GA1205	212	176	179	214	204
STRIP	Garces		GA1206	441	447	413	419	418
STRIP	Garces		GA1209	126	124	128	153	127
STRIP	Garces		GA1210	202	203	191	190	482
NE	Gilmore	GLM BK 1//2		51.8	45.6	45.5	43.4	42.1
NE	Gilmore		GLM1201	534	141	1	1	
NE	Gilmore		GLM1203	186	161	134	64	23
NE	Gilmore		GLM1204	432	427	483	493	513
NE	Gilmore		GLM1205	406	426	582	594	613
NE	Gilmore		GLM1206	454	480	480	490	371
NE	Gilmore		GLM1211	512	570	566	504	514
SW	Goodsprings	GS BK 1		0.6	0.7	0.7	0.8	0.8
SW	Goodsprings		GS1201	17	19	20	18	19
SW	Goodsprings		GS1202	15	15	14	21	21
NE	Grand Teton	GTT BK 2//3		30.6	29.5	26.4	24.0	20.7
NE	Grand Teton		GTT1207	372	384	385	329	495
NE	Grand Teton		GTT1208	352	223	112	100	97
NE	Grand Teton		GTT1212	366	385	400	390	408
NE	Grand Teton		GTT1213	392	390	343	309	
NE	Grand Teton		GTT1214	15				
SE	Green Valley	GV BK 1		28.7	28.4	28.5	28.8	28.6
SE	Green Valley	GV BK 2//3		55.5	54.6	51.9	51.4	56.3
SE	Green Valley		GV1201	411	416	411	410	413
SE	Green Valley		GV1203	438	441	443	470	477

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Green Valley		GV1204	497	497	464	462	489
SE	Green Valley		GV1207	331	332	328	339	329
SE	Green Valley		GV1208	468	466	467	469	246
SE	Green Valley		GV1209	399	392	325	472	556
SE	Green Valley		GV1210	450	458	461	453	469
SE	Green Valley		GV1211	423	426	427	409	429
SE	Green Valley		GV1212	235	253	254	281	293
SE	Green Valley		GV1214	370	370	372	406	554
SE	Greenway	GNW BK 1/2		39.0	39.9	33.1	33.5	37.5
SE	Greenway		GNW1201	0				
SE	Greenway		GNW1203	317	319			
SE	Greenway		GNW1205	362	368	369	383	387
SE	Greenway		GNW1206	405	407	397	435	435
SE	Greenway		GNW1207	386	385	377	398	410
SE	Greenway		GNW1209	437	520	514	528	550
NE	Gypsum	GYP BK 1		0.9	0.0	0.0	0.0	0.0
NE	Gypsum	GYP BK 2//3		14.0	11.5	10.7	10.6	10.3
NE	Gypsum		GYP1203	44	53			
NE	Gypsum		GYP1208	308	293	310	291	267
NE	Gypsum		GYP1210	236	256	211	216	238
NE	Gypsum		GYP1211	69				
NE	Gypsum		GYP1212	68				
SE	Haven	HV BK 1		28.3	28.1	28.7	28.1	30.0
SE	Haven	HV BK 2//3		48.0	44.7	44.0	43.3	42.4
SE	Haven		HV1202	424	421	434	414	464
SE	Haven		HV1203	422	421	422	419	404
SE	Haven		HV1204	463	466	483	475	554
SE	Haven		HV1205	266	265	272	269	284
SE	Haven		HV1206	358	354	304	276	286
SE	Haven		HV1209	458	448	462	449	463
SE	Haven		HV1210	177	164	161	157	169
SE	Haven		HV1211	386	389	400	403	382
SE	Haven		HV1212	257	255	260	255	255
SE	Haven		HV1213	313	303	250	234	236
STRIP	Highland	HI BK 1/2		21.5	23.7	24.1	21.8	23.0
STRIP	Highland	HI BK 3		9.1	9.1	9.9	9.2	8.6
STRIP	Highland	HI BK 4//5		26.2	26.6	26.0	24.8	21.8
STRIP	Highland	HI BK 6		7.1	9.6	10.3	10.6	7.7
STRIP	Highland	HI BK 8		0.3	0.3	0.2	0.2	0.1
STRIP	Highland		HI1201	147	161	157	145	142
STRIP	Highland		HI1202	231	221	207	222	233
STRIP	Highland		HI1203	62	172	186	189	181
STRIP	Highland		HI1205	196	200	201	202	217
STRIP	Highland		HI1206	403	433	429	314	315
STRIP	Highland		HI1209	6	6	6	5	5

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
STRIP	Highland		HI1210	102	102	112	106	84
STRIP	Highland		HI1211	323	332	354	330	335
STRIP	Highland		HI1214	346	386	184	170	195
STRIP	Highland		HI1215	128	138	139	128	132
STRIP	Highland		HI1216	262	330	287	269	198
STRIP	Highland		HI1217	146	165	159	153	154
STRIP	Highland		HI1219	12	12	11	11	11
STRIP	Highland		HI1220	289	257	279	304	270
STRIP	Highland		HI1222	68	61	8	7	149
STRIP	Highland		HI1224	174	190	203	167	166
STRIP	Highland		HI1225	162	170	200	181	148
STRIP	Highland		HI1226	123	186	126	186	133
STRIP	Highland		HI1228	128	136	173	148	140
STRIP	Highland		HI1261	5	5	10	5	5
STRIP	Highland		HI1263	4	4	4	4	4
STRIP	Highland		HI1265	3	3	3	3	3
STRIP	Highland		HI1267	4	5	4	4	3
NW	Hualapai	HU BK 1 1/2		52.4	54.2	54.5	55.6	55.7
NW	Hualapai	HU BK 3		20.6	20.7	19.9	19.3	20.0
NW	Hualapai		HU1201	451	472	474	469	567
NW	Hualapai		HU1202	412	434	442	429	446
NW	Hualapai		HU1204	412	434	413	404	418
NW	Hualapai		HU1205	287	310	317	311	322
NW	Hualapai		HU1206	386	416	392	531	490
NW	Hualapai		HU1209	313	333	314	321	337
NW	Hualapai		HU1210	302	310	313	300	312
NW	Hualapai		HU1211	257	253	262	226	235
NW	Hualapai		HU1212	422	407	390	387	399
NW	Hualapai		HU1214	341	313	317	305	316
NW	Indian Springs	IS BK 1		2.5	2.3	2.3	2.1	2.0
NW	Indian Springs	IS BK 2		5.9	6.2	6.0	5.7	5.6
NW	Indian Springs		IS1204	275	288	292	272	260
NW	Indian Springs		IS401	3	3	3	3	3
NW	Indian Springs		IS402	75	74	235	55	47
NW	Indian Springs		IS403	270	250	88	230	232
NW	Iron Mountain	IMT BK 1 1/2		52.8	56.7	56.2	56.8	58.7
NW	Iron Mountain		IMT1201	426	443	436	497	533
NW	Iron Mountain		IMT1203	361	380	375	367	393
NW	Iron Mountain		IMT1204	253	267	267	248	266
NW	Iron Mountain		IMT1205	378	394	386	380	396
NW	Iron Mountain		IMT1206	180	192	210	179	166
NW	Iron Mountain		IMT1209	2	2	2	2	2
NW	Iron Mountain		IMT1211	487	505	520	518	536
NW	Iron Mountain		IMT1212	540	544	544	548	570
SW	Jean	JN BK 2		1.1	4.5	7.4	9.6	9.6

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SW	Jean		JN1207	47	48	160	194	213
SW	Jean		JN1208	11	237	250	267	254
SE	Keehn	KHN BK 1//2		47.3	41.4	43.4	43.6	41.1
SE	Keehn		KHN1201	379	367	339	260	228
SE	Keehn		KHN1203	39	15	7	6	1
SE	Keehn		KHN1204	60	59	108	78	104
SE	Keehn		KHN1205	42	41	42	39	1
SE	Keehn		KHN1206	346	369	377	303	280
SE	Keehn		KHN1210	386	385	494	502	526
SE	Keehn		KHN1211	378	335	319	367	462
SE	Keehn		KHN1212	233	243	247	379	374
SE	Keehn		KHN1213	126	100	99	87	62
SE	Keehn		KHN1214	170	180	177	173	181
SE	Keehn		KHN1215	113	130	143	151	205
SE	Keehn		KHN1217	109	92	92	114	127
SE	Kidwell	KI BK 1		1.0	1.1	1.0	1.0	1.0
SE	Kidwell		KI1201	2	2	2	2	1
SE	Kidwell		KI1202	45	48	44	43	43
NW	Kyle Canyon	KC BK 1		1.1	1.2	1.2	1.1	1.0
NW	Kyle Canyon		KC1201	51	54	55	50	48
SE	Lake Las Vegas	LLV BK 1//2		27.6	25.4	23.5	21.5	21.2
SE	Lake Las Vegas		LLV1201	273	265	271	290	276
SE	Lake Las Vegas		LLV1203	415	395	383	464	463
SE	Lake Las Vegas		LLV1205	263	254	248	189	196
SE	Lake Las Vegas		LLV1206	193	171	127	116	110
SE	Lake Las Vegas		LLV1209	175	113	63	74	
SE	Larson	LRS BK 1//2		12.3	11.3	2.2	0.0	0.0
SE	Larson		LRS1201	200	164			
SE	Larson		LRS1206	5	5			
SE	Larson		LRS1207	138	163			
SE	Larson		LRS1208	158	127	106		
SE	Larson		LRS1211	4	5			
SE	Larson		LRS1212	4	5			
SE	Larson		LRS1213	78	77			
NE	Leavitt	LVT BK 1		22.5	27.4	26.9	26.0	27.2
NE	Leavitt	LVT BK 2//3		46.9	52.0	57.5	53.8	55.5
NE	Leavitt		LVT1201	329	528	524	529	542
NE	Leavitt		LVT1203	252	294	268	252	249
NE	Leavitt		LVT1204	491	504	487	487	501
NE	Leavitt		LVT1205	362	530	530	536	575
NE	Leavitt		LVT1206	443	456	444	440	453
NE	Leavitt		LVT1209	257	268	288	290	306
NE	Leavitt		LVT1212	418	405	417	451	489
NE	Leavitt		LVT1213	348	360	375	375	364
NE	Leavitt		LVT1214	42	40	459	31	30

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Leavitt		LVT1215	419	472	504	552	447
STRIP	Lewis	LE BK 2		1.0	0.9	1.0	1.1	1.1
STRIP	Lewis		LE402	106	90	98	123	113
STRIP	Lewis		LE404	43	45	50	46	44
NE	Lincoln	LCN BK 1//2		49.5	49.6	51.1	50.4	47.3
NE	Lincoln		LCN1203	343	339	341	327	318
NE	Lincoln		LCN1204	368	357	359	432	406
NE	Lincoln		LCN1205	136	139	153	137	136
NE	Lincoln		LCN1206	288	287	290	295	297
NE	Lincoln		LCN1210	387	420	405	420	412
NE	Lincoln		LCN1212	13	13	13	12	12
NE	Lincoln		LCN1213	431	429	448	552	440
NE	Lincoln		LCN1214	410	424	443	284	294
SW	Lindell	LI BK 1//2		27.6	27.4	27.3	28.8	29.5
SW	Lindell	LI BK 3		14.6	14.9	14.7	14.6	13.4
SW	Lindell		LI1202	429	396	349	398	423
SW	Lindell		LI1204	360	376	357	390	400
SW	Lindell		LI1207	342	351	336	334	344
SW	Lindell		LI1208	110	40	30	33	33
SW	Lindell		LI1211	402	416	408	395	413
SW	Lindell		LI1212	94	109	110	110	3
SW	Lindell		LI1213	215	228	217	212	217
SW	Lindell		LI1220	210	234	194	227	239
SE	Lindquist	LDQ BK 1//2		41.7	41.2	37.7	36.9	38.3
SE	Lindquist	LDQ BK 3		6.7	6.5	6.3	6.0	6.4
SE	Lindquist		LDQ1203	433	375	373	373	368
SE	Lindquist		LDQ1204	391	326	276	252	260
SE	Lindquist		LDQ1205	432	420	421	387	429
SE	Lindquist		LDQ1208	326	289	281	270	292
SE	Lindquist		LDQ1210	274	272	289	281	250
SE	Lindquist		LDQ1215	311	302	290	278	297
NW	Lone Mountain	LMT BK 1//2		36.8	36.8	35.8	33.6	33.3
NW	Lone Mountain		LMT1203	505	532	526	500	529
NW	Lone Mountain		LMT1204	498	512	511	474	495
NW	Lone Mountain		LMT1213	376	312	233	169	165
NW	Lone Mountain		LMT1215	393	413	437	423	425
NW	Lorenzi	LO BK 1//2		65.7	66.0	66.9	64.5	66.8
NW	Lorenzi	LO BK 3		25.6	26.0	25.3	24.8	27.0
NW	Lorenzi		LO1201	311	336	476	461	480
NW	Lorenzi		LO1203	459	448	382	366	387
NW	Lorenzi		LO1204	434	458	437	424	442
NW	Lorenzi		LO1207	461	470	420	523	519
NW	Lorenzi		LO1208	451	474	461	465	477
NW	Lorenzi		LO1209	541	556	551	497	517
NW	Lorenzi		LO1210	435	456	460	335	354

All values in MVA for transformers

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NW	Lorenzi		LO1211	469	469	473	474	542
NW	Lorenzi		LO1212	322	326	296	302	311
NW	Lorenzi		LO1214	401	417	416	406	420
STRIP	Lynnwood	LY BK 1//2		23.9	26.2	27.0	31.1	32.2
STRIP	Lynnwood		LY1202	382	406	378	493	453
STRIP	Lynnwood		LY1204	327	336	334	329	342
STRIP	Lynnwood		LY1205	191	203	210	236	238
STRIP	Lynnwood		LY1208	215	227	236	335	332
STRIP	Lynnwood		LY1209	155	160	156	144	133
SE	Magic Way	MAG BK 1		19.6	20.4	19.7	19.6	19.9
SE	Magic Way		MAG1209	528	545	541	526	535
SE	Magic Way		MAG1210	385	400	400	391	406
STRIP	Mayfair	MA BK 1		2.6	2.6	2.6	2.7	2.6
STRIP	Mayfair	MA BK 2		13.4	13.4	14.3	13.2	13.2
STRIP	Mayfair	MA BK 3//4		29.3	29.2	30.4	30.8	32.4
STRIP	Mayfair		MA1211	279	296	336	292	300
STRIP	Mayfair		MA1212	377	352	332	324	325
STRIP	Mayfair		MA1213	452	453	461	440	429
STRIP	Mayfair		MA1215	356	368	361	355	371
STRIP	Mayfair		MA1216	262	261	346	341	375
STRIP	Mayfair		MA1218	316	300	304	302	334
STRIP	Mayfair		MA401	190	199	183	219	197
STRIP	Mayfair		MA402	285	295	293	287	285
SW	McDonald	MCD BK 3		27.9	26.9	27.3	29.4	29.4
SW	McDonald	MCD BK 4		40.6	40.5	41.3	37.8	38.1
SW	McDonald		MCD1205	168	178	194	189	193
SW	McDonald		MCD1207	345	358	331	315	335
SW	McDonald		MCD1208	331	283	284	381	374
SW	McDonald		MCD1210	510	516	525	516	546
SW	McDonald		MCD1216	433	405	409	410	433
SW	McDonald		MCD1217	387	421	448	415	435
SW	McDonald		MCD1218	386	393	417	290	314
SW	McDonald		MCD1219	365	378	434	291	268
SW	McDonald		MCD1220	418	421	416	409	432
STRIP	MGM	MGM BK 4		7.5	6.8	5.8	9.1	8.3
STRIP	MGM		MGM1217	131	74	1	155	135
STRIP	MGM		MGM1218	264	264	282	292	266
NW	Michael Way	MW BK 1//2		36.6	37.9	37.0	38.6	38.6
NW	Michael Way	MW BK 3		14.7	15.9	14.2	17.3	18.1
NW	Michael Way		MW1201	242	264	257	263	263
NW	Michael Way		MW1202	309	335	309	423	392
NW	Michael Way		MW1204	465	473	469	459	459
NW	Michael Way		MW1207	500	498	478	469	468
NW	Michael Way		MW1209	261	254	258	240	239
NW	Michael Way		MW1211	373	389	362	518	518

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NW	Michael Way		MW1213	362	363	299	318	326
NE	Miller	MI BK 3//4		30.8	31.0	34.2	29.6	29.3
NE	Miller		MI1202	269	241	262	276	291
NE	Miller		MI1203	281	287	302	297	291
NE	Miller		MI1206	340	374	349	334	291
NE	Miller		MI1207	427	436	449	370	383
NE	Miller		MI1208	185	178	386	172	159
SE	Mission	MS BK 1//4		27.5	26.0	25.5	24.9	24.3
SE	Mission	MS BK 2//3		31.2	30.6	36.9	36.9	37.0
SE	Mission		MS1201	110	106	101	107	95
SE	Mission		MS1203	455	461	457	419	427
SE	Mission		MS1204	314	321	316	322	311
SE	Mission		MS1205	423	425	429	422	438
SE	Mission		MS1206	297	275	257	269	243
SE	Mission		MS1209	80	64	390	401	423
SE	Mission		MS1210	419	429	423	427	439
SE	Mission		MS1212	296	273	250	232	232
SE	Mission		MS1213	201	198	200	204	214
SE	Mission		MS1214	374	302	277	270	203
SW	Mountains Edge	MTE BK 1//2		21.0	32.9	34.1	34.0	35.1
SW	Mountains Edge	MTE BK 3		28.7	35.9	34.9	34.2	35.9
SW	Mountains Edge		MTE1206	457	346	349	329	351
SW	Mountains Edge		MTE1211	505	514	511	507	523
SW	Mountains Edge		MTE1212	522	534	513	466	480
SW	Mountains Edge		MTE1213	474	480	479	465	490
SW	Mountains Edge		MTE1214	370	385	406	371	389
SW	Mountains Edge		MTE1215	519	517	519	516	535
SW	Mountains Edge		MTE1217	450	462	477	541	577
SW	MYS	MYS BK 1//2		32.5	29.4	29.0	26.7	26.4
SW	MYS	MYS BK 3		31.7	28.4	27.9	26.0	26.4
SW	MYS		MYS1201	1	2	1	1	1
SW	MYS		MYS1202	253	243			
SW	MYS		MYS1203	216	260			
SW	MYS		MYS1205	301	261	225	168	149
SW	MYS		MYS1206	227	230	287	303	294
SW	MYS		MYS1207	247	236	229	268	282
SW	MYS		MYS1208	244	242	230	253	240
SW	MYS		MYS1209	192	149	532	372	292
SW	MYS		MYS1211	238	86			
SW	MYS		MYS1212	226	173	200	195	177
SW	MYS		MYS1214	232	208	224	262	249
SW	MYS		MYS1215	2	1	1	1	1
SW	MYS		MYS1216	237	256	232	209	252
SW	MYS		MYS1218	510	523	513	508	535
SE	National Park Service	NPS BK 1		0.1	0.1	0.1	0.1	0.1

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	National Park Service		NPS401	15	15	15	17	19
NE	Nellis	NS BK 1//2		13.1	15.9	17.5	22.7	22.3
NE	Nellis	NS BK 3		7.2	7.3	6.6	6.9	6.1
NE	Nellis		NS1203	168	171	178	187	195
NE	Nellis		NS1204	6	64	60	226	232
NE	Nellis		NS1205	238	245	359	378	367
NE	Nellis		NS1206	221	293	350	378	294
NE	Nellis		NS1210	71	66			
NE	Nellis		NS1211	307	287	309	317	295
SE	Nelson	NL BK 1		0.2	0.2	0.2	0.0	0.0
SE	Nelson		NL1201	9	9	8	3	3
NE	North Las Vegas	NLV BK 1		18.1	19.5	18.4	18.2	18.6
NE	North Las Vegas	NLV BK 3//4		28.4	29.1	28.8	28.9	29.3
NE	North Las Vegas		NLV1202	463	477	453	452	448
NE	North Las Vegas		NLV1203	420	435	421	419	436
NE	North Las Vegas		NLV1204	191	182	188	194	205
NE	North Las Vegas		NLV1209	337	322	314	313	320
NE	North Las Vegas		NLV1210	426	446	454	461	462
NE	North Las Vegas		NLV1211	407	386	397	398	392
NE	North Las Vegas		NLV1212	24	23	23	23	38
NW	Northwest	NW BK 4		37.5	35.6	41.7	37.1	38.0
NW	Northwest	NW BK 5		43.9	42.9	41.4	37.5	37.1
NW	Northwest		NW1204	253	343	412	439	405
NW	Northwest		NW1205	305	205	571	505	588
NW	Northwest		NW1206	468	443	379	337	321
NW	Northwest		NW1208	467	480	483	466	498
NW	Northwest		NW1209	304	246	176		
NW	Northwest		NW1215	434	415	404	350	224
NW	Northwest		NW1216	502	506	494	484	491
NW	Northwest		NW1217	489	478	476	419	452
NW	Northwest		NW1220	361	348	368	357	390
NW	Northwest		NW1221	275	257	218	173	189
SW	Oasis	OA BK 1		7.2	7.1	5.1	5.3	5.5
SW	Oasis	OA BK 2//3		1.6	1.6	3.2	2.2	4.2
SW	Oasis		OA1203	177	166	77	75	72
SW	Oasis		OA1204	171	182	180	180	193
SW	Oasis		OA1205	6	7	7	17	148
SW	Oasis		OA1206	155	148	296	238	264
NE	Olive	OL BK 1		16.2	16.7	17.8	16.8	18.3
NE	Olive		OL1202	256	296	342	317	327
NE	Olive		OL1203	493	477	481	462	522
STRIP	Oquendo	OQ BK 1		13.9	15.5	18.2	16.2	16.3
STRIP	Oquendo	OQ BK 2//3		23.0	24.6	26.5	26.1	25.8
STRIP	Oquendo		OQ1203	281	358	336	257	277
STRIP	Oquendo		OQ1204	142	149	247	242	261

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
STRIP	Oquendo		OQ1206	250	257	298	295	266
STRIP	Oquendo		OQ1209	305	330	361	368	379
STRIP	Oquendo		OQ1210	137	142	150	160	153
STRIP	Oquendo		OQ1211	44	62	118	79	82
STRIP	Oquendo		OQ1213	269	284	291	284	268
STRIP	Oquendo		OQ1214	337	341	370	374	392
NE	Pabco	PBC BK 2		9.5	10.0	10.7	11.7	9.8
NE	Pabco		PBC1206	367	391	398	399	396
NE	Pabco		PBC1208	72	95	120	164	92
STRIP	Pawnee	PA BK 1/2		26.9	28.3	30.3	30.8	32.7
STRIP	Pawnee		PA1202	496	469	510	378	406
STRIP	Pawnee		PA1203	1	1	1	39	1
STRIP	Pawnee		PA1204	309	310	342	334	337
STRIP	Pawnee		PA1206	244	265	255	278	294
STRIP	Pawnee		PA1207	151	116	168	250	324
STRIP	Pawnee		PA1208	205	218	201	221	218
SW	Peace	PCE BK 1/2		38.5	37.7	36.8	36.3	36.9
SW	Peace	PCE BK 3		25.3	25.8	25.3	25.5	25.1
SW	Peace		PCE1204	254	188	190	244	258
SW	Peace		PCE1206	390	399	389	392	405
SW	Peace		PCE1209	441	455	478	446	478
SW	Peace		PCE1211	430	435	427	361	369
SW	Peace		PCE1213	269	277	287	278	242
SW	Peace		PCE1214	452	467	458	462	457
SW	Peace		PCE1215	395	405	403	388	407
SW	Peace		PCE1217	354	365	329	343	311
SE	Pearl	PL BK 1		17.3	17.3	17.2	19.2	19.5
SE	Pearl	PL BK 2/3		36.5	35.8	35.0	35.4	37.2
SE	Pearl		PL1201	402	392	396	310	320
SE	Pearl		PL1202	435	431	419	438	469
SE	Pearl		PL1206	449	437	433	412	423
SE	Pearl		PL1209	351	345	342	368	387
SE	Pearl		PL1211	143	133	134	246	251
SE	Pearl		PL1213	410	410	412	425	416
SE	Pearl		PL1214	441	414	416	290	314
SE	Pebble	PB BK 1/2		52.1	53.6	51.3	50.3	53.5
SE	Pebble	PB BK 3		29.1	29.7	30.5	29.1	33.1
SE	Pebble		PB1201	490	506	506	492	529
SE	Pebble		PB1203	353	352	356	355	369
SE	Pebble		PB1204	279	283	212	202	218
SE	Pebble		PB1205	508	546	556	515	542
SE	Pebble		PB1209	399	420	411	412	430
SE	Pebble		PB1210	401	416	415	434	458
SE	Pebble		PB1211	361	381	395	403	418
SE	Pebble		PB1212	477	487	520	506	546

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Pebble		PB1213	519	517	531	528	592
NE	Pecos	PE BK 6//7		48.5	49.6	42.4	38.9	44.1
NE	Pecos		PE1201	203	183	176	168	168
NE	Pecos		PE1202	138	144	50	62	71
NE	Pecos		PE1207	422	422	534	550	571
NE	Pecos		PE1208	457	474	345	341	571
NE	Pecos		PE1209	463	489	479	484	498
NE	Pecos		PE1211	255	240	110	63	
NE	Pecos		PE1212	421	421	370	294	234
STRIP	Polaris	POL BK 1//2		31.7	35.4	33.1	32.6	33.3
STRIP	Polaris	POL BK 3		15.1	19.2	20.2	22.0	21.7
STRIP	Polaris		POL1201	298	275	164	169	182
STRIP	Polaris		POL1203	334	400	396	408	379
STRIP	Polaris		POL1204	270	339	316	254	264
STRIP	Polaris		POL1205	107	122	125	108	123
STRIP	Polaris		POL1209	2	2	2	2	1
STRIP	Polaris		POL1210	95	93	95	98	84
STRIP	Polaris		POL1211	379	360	244	268	272
STRIP	Polaris		POL1212	176	216	272	282	301
STRIP	Polaris		POL1213	375	423	425	480	483
STRIP	Polaris		POL1215	228	436	474	446	453
STRIP	Polaris		POL1216	137	147	143	152	140
NE	Prince	PR BK 1//2		33.0	36.5	34.8	32.9	35.6
NE	Prince		PR1202	370	508	416	418	420
NE	Prince		PR1203	101	99	101	101	99
NE	Prince		PR1206	474	494	496	486	502
NE	Prince		PR1207	262	253	255	243	258
NE	Prince		PR1208	404	426	423	404	423
STRIP	Procyon	PRO BK 2		12.9	11.0	9.3	17.6	15.1
STRIP	Procyon	PRO BK 3		6.2	6.4	6.1	6.0	5.9
STRIP	Procyon		PRO1202	340	285	334	355	368
STRIP	Procyon		PRO1206	4	7	4	4	4
STRIP	Procyon		PRO1207	126	182	5	117	118
STRIP	Procyon		PRO1209	135	132	127	151	130
STRIP	Procyon		PRO1211	3	3	3	3	3
STRIP	Procyon		PRO1212	189	166	26	229	208
STRIP	Procyon		PRO1213	7	7	7	7	7
STRIP	Procyon		PRO1214	158	185	170	148	156
STRIP	Procyon		PRO1216	139	153	133	135	133
NE	Prospector	PRS BK 1		2.3	1.6			
NE	Prospector	PRS BK 2//3		5.2	3.9			
NE	Prospector		PRS1203	111	76			
NE	Prospector		PRS1206	62				
NE	Prospector		PRS1210	13				
NE	Prospector		PRS1213	133	126			

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Prospector		PRS1214	1	1			
NE	Prospector		PRS1215	1	1			
NE	Prospector		PRS1217	43	61			
SW	Quail	QUL BK 1		20.0	18.7	20.3	24.3	26.3
SW	Quail	QUL BK 2//3		52.4	52.0	52.4	47.2	46.3
SW	Quail		QUL1201	369	382	377	365	393
SW	Quail		QUL1203	251	206	247	333	307
SW	Quail		QUL1204	354	326	355	438	555
SW	Quail		QUL1205	508	500	538	467	480
SW	Quail		QUL1208	461	473	495	483	463
SW	Quail		QUL1209	240	248	193	126	131
SW	Quail		QUL1210	520	524	513	491	504
SW	Quail		QUL1211	313	329	315	289	309
SW	Quail		QUL1212	296	293	291	252	240
SW	Quail		QUL1213	198	172	148	137	121
NW	Radar	RA BK 1		0.1	0.1	0.2	0.1	0.1
NW	Radar		RA1201	7	6	8	6	7
SW	Railroad	RLR BK 1		15.7	15.3	29.8	22.8	20.9
SW	Railroad	RLR BK 2//3		58.3	51.7	38.1	38.3	36.9
SW	Railroad		RLR1201	82	59	64	21	14
SW	Railroad		RLR1203	193	215	229	235	217
SW	Railroad		RLR1204	89	90	89	90	82
SW	Railroad		RLR1205	196	158	195	220	219
SW	Railroad		RLR1206	424	455	476	213	180
SW	Railroad		RLR1210	352	303	318	326	296
SW	Railroad		RLR1211	440	433	231	102	43
SW	Railroad		RLR1212	559	578	573	530	544
SW	Railroad		RLR1213	283	1			
SW	Railroad		RLR1214	235	198	230	250	223
SW	Railroad		RLR1215	237	216	264	265	285
SW	Railroad		RLR1217	215	231	205	221	250
SW	Railroad		RLR1218	191	175	190	178	177
SW	Railroad		RLR1219	209	194	229	254	255
NW	Rainbow	RB BK 1//2		33.8	35.0	36.5	34.2	35.9
NW	Rainbow	RB BK 3		18.0	19.5	18.9	18.8	19.6
NW	Rainbow		RB1202	287	302	329	300	311
NW	Rainbow		RB1203	330	339	437	426	440
NW	Rainbow		RB1204	314	334	334	339	350
NW	Rainbow		RB1207	365	365	358	249	257
NW	Rainbow		RB1208	301	300	280	295	314
NW	Rainbow		RB1214	104	111	110	106	111
NW	Rainbow		RB1215	460	474	456	451	474
NW	Rainbow		RB1219	281	339	344	346	341
SE	Ranger	RN BK 1		0.9	0.9	0.9	1.1	0.9
SE	Ranger		RN1201	10	10	10	14	8

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Ranger		RN1202	30	30	30	39	35
SW	Red Rock	RRK BK 1//2		44.0	45.0	44.6	44.2	49.7
SW	Red Rock		RRK1201	404	415	406	409	446
SW	Red Rock		RRK1203	300	300	329	346	335
SW	Red Rock		RRK1204	140	145	137	131	346
SW	Red Rock		RRK1211	478	497	498	496	526
SW	Red Rock		RRK1212	341	354	351	374	398
SW	Red Rock		RRK1213	414	414	391	362	372
NW	Regena	RGN BK 2		30.6	31.4	31.6	30.2	31.5
NW	Regena		RGN1204	415	434	445	438	461
NW	Regena		RGN1206	102	108	118	87	87
NW	Regena		RGN1210	395	416	431	415	432
NW	Regena		RGN1211	405	397	386	372	395
NW	Regena		RGN1212	121	133	131	121	128
SW	Riley	RLY BK 2//3		61.1	61.7	40.8	35.3	36.0
SW	Riley		RLY1205	508	516	518	467	484
SW	Riley		RLY1206	442	449	462	447	559
SW	Riley		RLY1210	425	403	448	290	152
SW	Riley		RLY1211	468	480	475	440	473
SW	Riley		RLY1214	112	104			
SW	Riley		RLY1215	440	452			
SW	Riley		RLY1217	465	465			
SE	River Road	RI BK 1		13.2	13.0	13.0	13.6	14.2
SE	River Road	RI BK 2		4.3	4.3	4.5	4.4	4.4
SE	River Road		RI2501	305	302	300	314	329
SE	River Road		RI2508	103	102	103	108	102
SE	River Road		RI2509	4	4	4	2	2
SW	Robindale	ROB BK 1		22.2	22.0	20.9	20.2	18.9
SW	Robindale	ROB BK 2//3		64.7	64.4	68.0	65.7	68.3
SW	Robindale		ROB1201	494	518	562	526	552
SW	Robindale		ROB1203	312	336	172	172	154
SW	Robindale		ROB1204	324	308	280	288	267
SW	Robindale		ROB1206	408	381	389	359	369
SW	Robindale		ROB1210	523	536	534	524	548
SW	Robindale		ROB1212	463	457	425	366	374
SW	Robindale		ROB1213	430	448	436	419	447
SW	Robindale		ROB1214	249	234	425	390	418
SW	Robindale		ROB1215	534	549	595	547	614
SW	Robindale		ROB1217	447	453	575	481	453
SW	Rosanna	RO BK 1//2		34.7	34.5	34.5	35.3	33.4
SW	Rosanna	RO BK 3		17.0	17.6	14.2	14.7	15.4
SW	Rosanna		RO1201	142	143	142	172	176
SW	Rosanna		RO1203	401	422	341	335	348
SW	Rosanna		RO1204	356	359	359	352	284
SW	Rosanna		RO1207	366	380	347	381	400

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SW	Rosanna		RO1208	421	430	412	468	404
SW	Rosanna		RO1210	349	370	354	354	367
SW	Rosanna		RO1212	459	479	338	331	349
SE	Russell	RS BK 1/2		51.8	50.6	50.7	49.9	50.9
SE	Russell	RS BK 3		23.4	23.1	22.8	22.4	24.4
SE	Russell		RS1201	224	235	239	244	246
SE	Russell		RS1202	114	139	144	157	160
SE	Russell		RS1204	379	401	412	450	460
SE	Russell		RS1205	524	513	517	387	392
SE	Russell		RS1206	378	379	381	417	423
SE	Russell		RS1209	466	461	457	445	461
SE	Russell		RS1210	317	426	429	419	452
SE	Russell		RS1211	517	513	464	459	445
SE	Russell		RS1212	502	471	471	428	518
SE	Russell		RS1214	187	193	194	196	192
SE	Sahara	SA BK 1/4		29.8	29.9	28.6	29.0	29.3
SE	Sahara	SA BK 2/3		34.8	33.2	33.6	33.4	33.8
SE	Sahara		SA1201	433	429	398	402	426
SE	Sahara		SA1203	497	491	490	498	499
SE	Sahara		SA1205	393	385	383	375	401
SE	Sahara		SA1206	447	443	408	406	427
SE	Sahara		SA1209	365	364	340	334	356
SE	Sahara		SA1212	458	417	436	435	449
SE	Sahara		SA1216	405	403	402	402	390
SE	Sahara		SA1217	74	74	76	70	66
STRIP	San Francisco	SF BK 1/2		24.5	24.7	25.4	27.0	25.4
STRIP	San Francisco	SF BK 3/4		26.2	27.6	27.5	27.0	25.9
STRIP	San Francisco		SF1203	196	197	200	275	200
STRIP	San Francisco		SF1204	219	224	229	239	208
STRIP	San Francisco		SF1206	344	367	342	354	332
STRIP	San Francisco		SF1207	436	422	420	447	460
STRIP	San Francisco		SF1213	301	364	372	333	366
STRIP	San Francisco		SF1215	156	159	162	172	177
STRIP	San Francisco		SF1216	316	310	288	271	163
STRIP	San Francisco		SF1217	252	274	256	262	259
STRIP	San Francisco		SF1218	235	245	252	279	247
SE	Searchlight	SE BK 1		2.9	2.9	2.9	2.9	2.9
SE	Searchlight		SE1201	121	126	121	120	129
SE	Searchlight		SE1202	11	11	11	11	7
NE	Shadow	SH BK 3		2.8	2.9	3.0	2.6	2.3
NE	Shadow	SH BK 4/5		27.8	30.0	28.5	29.5	30.2
NE	Shadow		SH1206	238	251	279	260	243
NE	Shadow		SH1207	213	220	221	223	238
NE	Shadow		SH1209	373	384	384	397	403
NE	Shadow		SH1211	201	255	240	225	226

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Shadow		SH1212	330	354	344	332	345
NE	Shadow		SH401	109	105	112	99	82
NE	Shadow		SH404	281	302	299	262	241
NW	Silver Flag	SLV BK 1		0.2	0.3	0.1	0.0	0.0
NW	Silver Flag		SLV1201	7	14	6	4	3
STRIP	Sinatra	SNT BK 1		6.9	6.7	6.7	7.1	7.6
STRIP	Sinatra	SNT BK 2		14.6	15.8	18.0	11.5	11.3
STRIP	Sinatra		SNT1206	177	172	169	174	168
STRIP	Sinatra		SNT1207	4	3	4	4	3
STRIP	Sinatra		SNT1208	154	148	156	166	186
STRIP	Sinatra		SNT1215	179	179	156	143	136
STRIP	Sinatra		SNT1216	178	240	316	185	168
STRIP	Sinatra		SNT1218	327	320	346	209	197
STRIP	Sinatra		SNT1219	14	14	14	14	14
STRIP	Sinatra		SNT1220	14	14	14	14	14
NW	Skelton	SKL BK 1		42.8	44.8	47.5	44.6	46.3
NW	Skelton	SKL BK 2		42.4	43.5	37.7	34.0	34.0
NW	Skelton		SKL1205	395	417	429	418	446
NW	Skelton		SKL1206	420	446	424	406	429
NW	Skelton		SKL1208	379	397	487	479	518
NW	Skelton		SKL1209	419	441	465	460	466
NW	Skelton		SKL1210	435	454	469	380	401
NW	Skelton		SKL1215	535	566	540	375	369
NW	Skelton		SKL1217	261	247	239	232	235
NW	Skelton		SKL1218	406	417	400	395	411
NW	Skelton		SKL1220	390	407	217	216	219
NW	Skelton		SKL1221	414	438	426	414	428
NW	Snow Mountain	SN BK 1		2.0	2.0	2.0	2.0	2.0
NW	Snow Mountain		SN1201	92	92	92	91	91
SE	Southpoint	SO BK 1		5.7	6.0	6.1	6.2	6.2
SE	Southpoint	SO BK 2		5.9	6.4	6.4	6.1	5.8
SE	Southpoint		SO2502	132	138	142	143	143
SE	Southpoint		SO2507	121	131	113	122	124
SE	Southpoint		SO2508	14	16	16	19	12
SW	Sparta	SPA BK 2//3		54.9	54.4	54.0	50.3	50.4
SW	Sparta		SPA1205	553	559	568	508	417
SW	Sparta		SPA1206	473	483	508	490	520
SW	Sparta		SPA1210	451	456	417	396	428
SW	Sparta		SPA1213	291	262	252	202	202
SW	Sparta		SPA1214	267	271	271	281	298
SW	Sparta		SPA1215	316	296	277	254	233
SW	Sparta		SPA1217	237	242	238	268	338
NE	Speedway	SPD BK 1//2		33.6	32.2	32.1	30.8	26.5
NE	Speedway	SPD BK 3		6.3	2.8			
NE	Speedway		SPD1201	257	269	243	250	191

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Speedway		SPD1203	284	287	299	282	246
NE	Speedway		SPD1204	210	190	192	198	205
NE	Speedway		SPD1206	218	204	222	172	108
NE	Speedway		SPD1211	324	290	250	183	177
NE	Speedway		SPD1213	348	347	355	405	391
NE	Speedway		SPD1214	58	28			
NE	Speedway		SPD1215	199	72			
NE	Speedway		SPD1217	30	17			
STRIP	Spencer	SP BK 3//4		26.1	27.6	26.2	29.7	29.0
STRIP	Spencer	SP BK 5		15.8	16.8	15.5	16.0	16.7
STRIP	Spencer		SP1203	231	236	243	292	369
STRIP	Spencer		SP1206	357	376	389	393	377
STRIP	Spencer		SP1207	337	431	379	416	403
STRIP	Spencer		SP1210	349	312	272	299	317
STRIP	Spencer		SP1211	321	345	305	324	350
STRIP	Spencer		SP1213	300	316	314	342	363
STRIP	Spencer		SP1214	158	164	166	175	181
SW	Spring Mountain	SM BK 1		4.4	4.1	3.9	4.8	4.6
SW	Spring Mountain		SM1201	26	28	19	41	39
SW	Spring Mountain		SM1202	179	164	161	180	176
SW	Spring Valley	SV BK 1//4		22.0	21.8	22.0	22.0	22.7
SW	Spring Valley	SV BK 2//3		31.8	34.5	38.2	39.3	42.0
SW	Spring Valley		SV1201	390	388	403	405	395
SW	Spring Valley		SV1202	294	291	299	299	320
SW	Spring Valley		SV1207	227	255	248	266	253
SW	Spring Valley		SV1209	377	464	429	466	540
SW	Spring Valley		SV1211	383	403	463	457	492
SW	Spring Valley		SV1213	288	287	309	277	277
SW	Spring Valley		SV1214	259	271	449	446	486
SW	Spring Valley		SV1216	378	381	372	370	378
STRIP	Strip	STR BK 1		19.2	21.5	23.5	24.1	21.8
STRIP	Strip	STR BK 2		14.7	15.0	15.3	16.2	13.4
STRIP	Strip		STR1203	427	444	459	467	489
STRIP	Strip		STR1204	306	314	320	298	283
STRIP	Strip		STR1205	163	142	122	142	105
STRIP	Strip		STR1206	147	153	148	153	157
STRIP	Strip		STR1207	39	67	91	110	121
STRIP	Strip		STR1208	3	3	6	3	4
STRIP	Strip		STR1215	282	276	281	274	275
STRIP	Strip		STR1216	160	163	174	118	125
STRIP	Strip		STR1217	120	109	103	147	92
STRIP	Strip		STR1218	122	158	120	141	116
STRIP	Strip		STR1219	93	163	120	105	103
STRIP	Strip		STR1220	1	20	1	1	
NW	Summerlin	SMR BK 1		38.7	40.3	39.1	39.0	40.5

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NW	Summerlin	SMR BK 2		35.1	36.6	36.4	36.4	37.3
NW	Summerlin		SMR1205	318	334	266	265	275
NW	Summerlin		SMR1207	323	330	398	389	414
NW	Summerlin		SMR1208	463	473	474	469	477
NW	Summerlin		SMR1209	399	412	411	412	436
NW	Summerlin		SMR1210	321	330	319	322	335
NW	Summerlin		SMR1217	396	409	417	415	422
NW	Summerlin		SMR1218	403	423	439	415	434
NW	Summerlin		SMR1219	427	444	429	440	446
NW	Summerlin		SMR1220	415	434	428	427	429
SE	Sunset	SUS BK 1/2		26.5	34.3	31.0	28.7	24.9
SE	Sunset	SUS BK 3		14.1				
SE	Sunset		SUS1201	449	442	389	354	309
SE	Sunset		SUS1203	188	149	107	65	
SE	Sunset		SUS1205	350	279	507	457	470
SE	Sunset		SUS1206	354	381	403	394	416
SE	Sunset		SUS1212	148	143	142	92	
SE	Sunset		SUS1215	333	346			
SE	Sunset		SUS1218	143				
SE	Sunset		SUS1220	49	6			
STRIP	Suzanne	SZ BK 1/2		41.5	42.9	40.4	44.0	38.6
STRIP	Suzanne	SZ BK 3		15.5	15.7	16.7	15.2	14.5
STRIP	Suzanne		SZ1201	322	335	313	311	221
STRIP	Suzanne		SZ1202	410	406	413	417	433
STRIP	Suzanne		SZ1203	352	313	346	358	333
STRIP	Suzanne		SZ1205	248	268	283	309	365
STRIP	Suzanne		SZ1206	325	234	264	254	262
STRIP	Suzanne		SZ1208	233	252	159	176	146
STRIP	Suzanne		SZ1209	387	436	451	319	265
STRIP	Suzanne		SZ1211	297	290	317	304	327
STRIP	Suzanne		SZ1213	162	169	221	66	43
STRIP	Suzanne		SZ1214	329	359	362	370	357
STRIP	Swenson	SWN BK 1/2		27.8	26.4	24.0	20.2	15.8
STRIP	Swenson	SWN BK 3		19.4	20.0	16.0	13.9	7.4
STRIP	Swenson		SWN1201	257	284	241	258	248
STRIP	Swenson		SWN1206	433	370	220	8	
STRIP	Swenson		SWN1207	3	3	3	3	3
STRIP	Swenson		SWN1208	247	248	258	255	262
STRIP	Swenson		SWN1209	266	266	270	251	254
STRIP	Swenson		SWN1211	238	235	301	194	1
STRIP	Swenson		SWN1213	475	478	287	248	105
STRIP	Swenson		SWN1214	241	241	143	8	
STRIP	Swenson		SWN1216	68	67	190	130	127
STRIP	Swenson		SWN1219	266	300	297	289	278
SW	Tam	TA BK 1		14.5	14.7	15.1	16.9	17.6

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SW	Tam	TA BK 2//3		32.4	33.2	32.4	32.7	33.6
SW	Tam		TA1201	294	307	334	405	432
SW	Tam		TA1202	121	127	130	136	123
SW	Tam		TA1204	263	271	260	256	261
SW	Tam		TA1205	361	376	385	385	377
SW	Tam		TA1209	466	475	462	462	488
SW	Tam		TA1210	375	389	369	396	406
SW	Tam		TA1212	371	383	365	354	370
NW	Tenaya	TE BK 1		18.1	19.5	19.0	18.8	19.2
NW	Tenaya	TE BK 2//3		53.9	54.9	56.3	54.8	57.8
NW	Tenaya		TE1201	410	442	441	444	458
NW	Tenaya		TE1203	202	195	189	189	188
NW	Tenaya		TE1204	276	291	273	268	275
NW	Tenaya		TE1205	266	266	284	284	270
NW	Tenaya		TE1206	464	484	462	485	513
NW	Tenaya		TE1208	124	130	140	152	190
NW	Tenaya		TE1209	531	530	511	528	554
NW	Tenaya		TE1211	486	507	511	418	442
NW	Tenaya		TE1212	317	320	427	413	441
NW	Tenaya		TE1213	389	394	389	386	403
SE	Tolson	TOL BK 3		47.7	45.3	45.1	45.1	46.0
SE	Tolson	TOL BK 4		48.9	48.6	47.8	46.1	49.7
SE	Tolson		TOL1204	527	525	508	487	526
SE	Tolson		TOL1205	519	519	519	510	523
SE	Tolson		TOL1206	463	461	451	442	528
SE	Tolson		TOL1208	517	501	508	482	526
SE	Tolson		TOL1209	322	324	313	318	337
SE	Tolson		TOL1215	459	462	452	470	486
SE	Tolson		TOL1216	516	482	463	448	457
SE	Tolson		TOL1218	285	179	178	157	124
SE	Tolson		TOL1220	511	511	525	500	552
SE	Tolson		TOL1221	509	512	524	523	545
SW	Tomsik	TOM BK 1//2		42.2	40.4	36.5	33.6	34.4
SW	Tomsik	TOM BK 3		25.8	25.5	36.4	33.5	34.0
SW	Tomsik		TOM1201	236	164	161	150	135
SW	Tomsik		TOM1203	0				
SW	Tomsik		TOM1204	456	446	456	422	419
SW	Tomsik		TOM1210	295	273	355	129	126
SW	Tomsik		TOM1211	79	65	497	493	501
SW	Tomsik		TOM1212	453	463	464	449	477
SW	Tomsik		TOM1213	488	496	505	516	534
SW	Tomsik		TOM1214	508	518	513	502	534
SW	Tomsik		TOM1215	213	209	126		
SW	Tomsik		TOM1217	517	503	500	475	503
NE	Tonopah	TO BK 1//2		35.8	37.0	29.1	38.5	38.7

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Tonopah	TO BK 3		12.3	12.5	12.5	13.1	13.0
NE	Tonopah		TO1201	413	437	451	435	444
NE	Tonopah		TO1203	440	439	55	477	465
NE	Tonopah		TO1204	405	424	431	408	376
NE	Tonopah		TO1206	481	499	499	510	524
NE	Tonopah		TO1207	1	1	0	55	56
NE	Tonopah		TO1209	308	308	276	330	325
NE	Tonopah		TO1211	293	303	310	303	302
NE	Tropical	TRO BK 1//2		55.7	55.8	57.7	57.4	53.9
NE	Tropical	TRO BK 3		28.7	31.6	31.8	29.9	29.9
NE	Tropical		TRO1201	500	488	498	511	531
NE	Tropical		TRO1203	362	351	312	270	269
NE	Tropical		TRO1204	425	433	399	370	374
NE	Tropical		TRO1205	527	515	497	570	558
NE	Tropical		TRO1206	265	287	499	469	293
NE	Tropical		TRO1211	416	398	395	382	392
NE	Tropical		TRO1212	223	211	207	194	192
NE	Tropical		TRO1214	499	519	523	460	484
NE	Tropical		TRO1215	454	471	474	466	478
NE	Tropical		TRO1217	447	487	509	482	446
STRIP	Truman	TR BK 1//2		10.9	10.3	11.3	12.2	11.5
STRIP	Truman		TR1202	210	303	191	308	314
STRIP	Truman		TR1209	1	1	1	15	1
STRIP	Truman		TR1210	309	198	357	252	233
STRIP	Valley View	VV BK 1		9.9	10.0	10.3	15.4	13.9
STRIP	Valley View	VV BK 2//3		27.6	26.8	27.7	28.5	31.6
STRIP	Valley View		VV1201	327	318	320	302	212
STRIP	Valley View		VV1203	135	148	168	167	171
STRIP	Valley View		VV1204	9	66	60	273	292
STRIP	Valley View		VV1206	377	440	460	399	372
STRIP	Valley View		VV1207	337	275	373	371	407
STRIP	Valley View		VV1209	216	213	212	227	239
STRIP	Valley View		VV1210	357	359	374	385	535
STRIP	Valley View		VV1212	6	4	4	5	1
NW	Vegas	VGS BK 1//2		55.5	57.5	51.8	51.8	53.8
NW	Vegas	VGS BK 3		22.4	23.4	24.3	23.7	24.8
NW	Vegas		VGS1201	413	406	399	382	397
NW	Vegas		VGS1203	427	437	432	434	456
NW	Vegas		VGS1204	218	222	224	224	225
NW	Vegas		VGS1205	382	396	395	384	410
NW	Vegas		VGS1206	379	382	380	394	412
NW	Vegas		VGS1207	370	383	395	405	442
NW	Vegas		VGS1208	448	468	249	261	290
NW	Vegas		VGS1211	332	345	358	362	379
NW	Vegas		VGS1212	347	374	390	339	371

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NW	Vegas		VGS1213	396	416	406	409	412
NW	Village	VLG BK 1		30.3	31.8	32.2	34.4	26.3
NW	Village		VLG1201	264	276	267	423	457
NW	Village		VLG1203	109	124	134	253	240
NW	Village		VLG1205	1	1	1	1	1
NW	Village		VLG1206	140	154	144		
NW	Village		VLG1210	203	205	226	248	
NW	Village		VLG1212	80	82	120	100	119
NW	Village		VLG1213	202	214	214	218	206
NW	Village		VLG1215	87	102	93	87	86
NW	Village		VLG1217	404	415	413	385	415
SE	Warm Springs	WSP BK 1/2		49.0	48.5	49.1	47.8	47.3
SE	Warm Springs	WSP BK 3		29.1	28.8	27.3	26.5	24.2
SE	Warm Springs		WSP1201	420	421	418	416	453
SE	Warm Springs		WSP1203	307	309	327	333	326
SE	Warm Springs		WSP1204	380	393	398	379	393
SE	Warm Springs		WSP1205	76	76	77	149	167
SE	Warm Springs		WSP1208	212	212	209	168	176
SE	Warm Springs		WSP1209	487	488	468	452	486
SE	Warm Springs		WSP1210	399	429	441	421	442
SE	Warm Springs		WSP1211	393	408	417	385	502
SE	Warm Springs		WSP1212	477	465	451	394	430
SE	Warm Springs		WSP1213	531	517	466	457	475
NE	Washburn	WSH BK 1		28.2	28.5	26.7	26.6	27.0
NE	Washburn	WSH BK 2/3		63.2	64.4	66.2	63.9	67.4
NE	Washburn		WSH1201	368	209	207	202	216
NE	Washburn		WSH1203	471	574	538	529	539
NE	Washburn		WSH1204	538	541	522	517	539
NE	Washburn		WSH1205	490	507	498	494	517
NE	Washburn		WSH1208	381	371	352	357	371
NE	Washburn		WSH1209	368	406	405	396	401
NE	Washburn		WSH1210	450	475	497	510	543
NE	Washburn		WSH1211	409	424	427	440	451
NE	Washburn		WSH1212	533	496	479	475	490
NE	Washburn		WSH1213	448	459	465	452	472
NE	Washington	WN BK 1/2		33.9	35.0	35.1	35.6	35.7
NE	Washington	WN BK 3/4		33.8	35.1	35.4	33.2	36.4
NE	Washington		WN1201	296	308	305	316	316
NE	Washington		WN1203	437	420	435	445	457
NE	Washington		WN1204	448	460	479	485	508
NE	Washington		WN1206	206	217	223	201	221
NE	Washington		WN1208	250	238	253	253	259
NE	Washington		WN1209	377	373	375	374	375
NE	Washington		WN1210	361	372	350	357	371
NE	Washington		WN1211	467	482	476	475	469

All values in MVA for transformers

All values in amps for feeders

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NEVADA POWER COMPANY 2021-2025**SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS**

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
NE	Washington		WN1213	429	449	460	367	500
SE	Water Street	WA BK 1//2		35.5	33.6	30.9	30.1	34.3
SE	Water Street	WA BK 3		9.6	8.6	8.5	8.5	0.6
SE	Water Street		WA1201	419	382	327	275	240
SE	Water Street		WA1203	3	3	1	1	1
SE	Water Street		WA1204	286	291	296	290	469
SE	Water Street		WA1206	496	480	444	452	469
SE	Water Street		WA1208	446	440	416	402	409
SE	Water Street		WA1209	227	200	193	205	28
SE	Water Street		WA1210	231	229	227	219	
NW	Westside	WE BK 3		10.4	10.7	11.3	10.3	10.3
NW	Westside	WE BK 5		18.1	19.1	18.8	19.3	21.8
NW	Westside	WE BK 6//7		55.5	56.5	56.1	56.3	56.9
NW	Westside		WE1201	438	460	446	454	476
NW	Westside		WE1204	412	429	447	450	542
NW	Westside		WE1207	466	491	483	482	506
NW	Westside		WE1208	398	367	366	382	360
NW	Westside		WE1209	377	394	387	379	409
NW	Westside		WE1210	417	430	432	448	452
NW	Westside		WE1211	72	81	82	81	82
NW	Westside		WE1212	409	434	434	454	425
NW	Westside		WE1214	445	466	461	487	512
NW	Westside		WE1219	170	156	184	150	138
NW	Westside		WE1220	330	351	358	360	352
SE	Whitney	WH BK 1//2		29.9	28.5	27.7	30.9	32.7
SE	Whitney	WH BK 3//4		28.0	27.3	28.1	28.2	33.7
SE	Whitney		WH1201	348	301	269	285	314
SE	Whitney		WH1202	331	338	336	433	380
SE	Whitney		WH1203	3	6	6	9	8
SE	Whitney		WH1204	353	349	339	324	404
SE	Whitney		WH1206	441	455	456	458	481
SE	Whitney		WH1209	310	306	295	316	334
SE	Whitney		WH1211	186	171	170	369	408
SE	Whitney		WH1213	497	531	527	516	544
SE	Whitney		WH1214	334	339	563	363	360
SE	Wigwam	WI BK 1//2		57.6	57.2	56.5	56.6	58.7
SE	Wigwam	WI BK 3		27.4	28.1	27.0	24.9	25.2
SE	Wigwam		WI1201	280	279	288	299	316
SE	Wigwam		WI1203	476	476	471	472	504
SE	Wigwam		WI1204	454	453	461	488	501
SE	Wigwam		WI1205	493	497	508	497	529
SE	Wigwam		WI1206	386	387	391	380	395
SE	Wigwam		WI1208	187	187	200	189	191
SE	Wigwam		WI1209	412	419	418	433	425
SE	Wigwam		WI1211	320	330	330	315	328

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NEVADA POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
SE	Wigwam		WI1212	466	474	481	411	390
SE	Wigwam		WI1213	521	500	462	431	454
SE	Wilson	WIL BK 1		37.3	37.5	36.7	37.4	41.1
SE	Wilson	WIL BK 2		43.0	43.7	42.7	41.3	44.1
SE	Wilson		WIL1204	55	56	54	62	59
SE	Wilson		WIL1205	123	78	48	169	192
SE	Wilson		WIL1206	350	371	371	376	379
SE	Wilson		WIL1208	438	440	443	527	541
SE	Wilson		WIL1209	450	448	453	447	488
SE	Wilson		WIL1210	426	425	422	456	478
SE	Wilson		WIL1216	453	438	430	396	399
SE	Wilson		WIL1217	303	328	331	317	352
SE	Wilson		WIL1218	454	467	467	478	507
SE	Wilson		WIL1220	464	493	488	479	495
SE	Wilson		WIL1221	319	341	334	351	362
SE	Winterwood	WW BK 1//2		37.2	36.6	36.6	36.6	39.1
SE	Winterwood	WW BK 3		13.0	12.8	12.1	12.6	12.9
SE	Winterwood	WW BK 7//8		39.1	40.5	40.1	41.7	37.1
SE	Winterwood		WW1203	445	468	453	465	486
SE	Winterwood		WW1204	436	438	426	431	472
SE	Winterwood		WW1205	172	158	145	157	142
SE	Winterwood		WW1207	516	517	516	507	525
SE	Winterwood		WW1210	169	182	184	179	188
SE	Winterwood		WW1211	360	375	374	364	373
SE	Winterwood		WW1214	269	256	213	272	274
SE	Winterwood		WW1216	370	378	387	379	269
SE	Winterwood		WW1217	416	442	448	437	458
SE	Winterwood		WW1219	426	435	431	555	410
SE	Winterwood		WW1220	378	377	372	382	391
SE	Winterwood		WW1224	270	270	275	269	277
SE	Winterwood		WW1225	102	103	100	97	100

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
EAST	Adobe	ADB BK 1		14.3	14.4	13.2	14.6	14.4
EAST	Adobe	ADB BK 2		11.8	11.8	11.8	12.2	11.7
EAST	Adobe		ADB201	53	53	48	55	53
EAST	Adobe		ADB202	275	277	250	271	274
EAST	Adobe		ADB203	70	70	69	70	68
EAST	Adobe		ADB208	240	242	225	227	239
TM	Airport	AIR BK 2		2.8	2.8	2.7	3.0	3.0
TM	Airport	AIR BK 3		31.8	31.3	30.9	33.3	32.7
TM	Airport	AIR BK 4		33.3	33.7	33.0	32.1	32.1
TM	Airport		AIR2006	66	66	59	63	68
TM	Airport		AIR242	158	121	126	117	123
TM	Airport		AIR265	189	176	181	183	196
TM	Airport		AIR266	283	266	233	175	187
TM	Airport		AIR267	380	391	388	411	416
TM	Airport		AIR269	172	180	163	217	219
TM	Airport		AIR282	242	258	262	281	266
TM	Airport		AIR283	96	96	97	93	92
TM	Airport		AIR3	199	192	183	186	192
TM	Airport		AIR4	196	224	198	205	216
EAST	Antelope Valley	ANV BK 1		7.3	6.9	6.2	6.1	6.7
EAST	Antelope Valley	ANV BK 2		5.4	5.3	5.7	5.6	5.3
EAST	Antelope Valley		ANV210	168	160	147	142	154
EAST	Antelope Valley		ANV211	124	123	131	131	122
FF	Austin	AST BK 1		4.2	4.2	4.3	4.4	4.2
FF	Austin		AST201	78	78	76	79	79
FF	Austin		AST202	21	21	26	25	25
EAST	Battle Mountain	BMT BK 2		5.2	5.2	5.2	5.3	5.4
EAST	Battle Mountain	BMT BK 3		3.4	3.0	1.6	1.8	1.8
EAST	Battle Mountain		BMT1401	202	181	184	193	191
EAST	Battle Mountain		BMT1402	8	26	27	20	26
EAST	Battle Mountain		BMT2401	79	78	37	43	43
TM	Bella Vista	BLV BK 1		22.1	21.4	20.4	21.0	21.8
TM	Bella Vista	BLV BK 2		39.6	38.9	38.8	39.7	38.1
TM	Bella Vista		BLV271	439	440	420	404	408
TM	Bella Vista		BLV282	269	263	262	189	201
TM	Bella Vista		BLV283	83	86	92	100	102
TM	Bella Vista		BLV284	678	652	639	730	700
FF	Brady's	BDY BK 1		1.6	1.6	1.6	1.6	0.7
FF	Brady's		BDY201	37	37	37	37	17
CAR	Brunswick	BWK BK 3		8.5	8.5	8.1	8.2	8.0
CAR	Brunswick	BWK BK 4		21.2	20.8	20.1	19.0	18.8
CAR	Brunswick		BWK1220	256	230	211	233	222
CAR	Brunswick		BWK1223	321	332	316	193	193
CAR	Brunswick		BWK1224	448	448	442	463	463
CAR	Brunswick		BWK2508	198	198	188	189	186
CAR	Buckeye	BUC BK 2		21.2	20.8	20.5	22.7	21.6

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
CAR	Buckeye		BUC1275	140	168	122	129	121
CAR	Buckeye		BUC1276	509	527	489	499	416
CAR	Buckeye		BUC1277	131	127	130	130	126
CAR	Buckeye		BUC1278	243	282	245	340	340
EAST	Buena Vista	BVV BK 1		1.6	1.6	1.6	1.8	1.9
EAST	Buena Vista		BVV201	38	38	37	42	43
TM	California	CAL BK 1		20.2	16.6	15.6	17.1	14.4
TM	California		CAL2501	475	398	367	397	336
CAR	Carson	CAR BK 1		16.9	16.6	16.4	17.8	17.8
CAR	Carson	CAR BK 2		15.0	15.4	16.0	19.8	19.7
CAR	Carson		CAR1230	140	137	127	134	134
CAR	Carson		CAR1231	425	433	411	402	403
CAR	Carson		CAR1232	257	275	291	287	288
CAR	Carson		CAR1240	164	168	169	179	180
CAR	Carson		CAR1241	166	156	160	171	171
CAR	Carson		CAR1242	97	103	100	270	270
CAR	Carson		CAR1243	283	297	315	317	308
TM	Chukar	CHK BK 1		13.0	8.8	7.5	4.7	15.7
TM	Chukar	CHK BK 2		0.0	0.0	0.0		
TM	Chukar		CHK2502	62				
TM	Chukar		CHK2505	2	4	1	241	228
TM	Chukar		CHK2506	248	201	178	110	140
EAST	Coal Canyon	CCN BK 1		2.1	2.1	1.9	1.7	2.0
EAST	Coal Canyon		CCN1201	62	62	59	62	72
EAST	Coal Canyon		CCN1202	35	35	32	19	22
CAR	Coaldale	CLD BK 1		0.1	0.1	0.1	0.1	0.1
CAR	Coaldale		CLD1201	6	6	6	6	6
TM	Comstock Meadows	CMM BK 3		0.0	0.0	0.0		
TM	Comstock Meadows	CMM BK 4		3.2	0.0	0.0		
TM	Comstock Meadows		CMM2511	75				
EAST	Crescent Valley	CVL BK 1		1.2	1.2	1.1	1.1	1.4
EAST	Crescent Valley		CVL220	28	28	26	26	32
CAR	Curry Street	CUR BK 1		10.2	10.3	10.1	9.9	10.0
CAR	Curry Street	CUR BK 2		9.0	9.0	6.8	9.2	9.2
CAR	Curry Street		CUR1280	417	418	326	428	429
CAR	Curry Street		CUR1281	291	293	296	323	324
CAR	Curry Street		CUR1282	184	184	172	172	173
CAR	Dayton	DTN BK 1		8.7	9.1	8.8	9.9	9.9
CAR	Dayton		DTN219	203	210	206	228	229
CAR	Downs	DWN BK 1		10.9	11.6	11.4	11.8	11.8
CAR	Downs		DWN1285	319	327	327	328	329
CAR	Downs		DWN1286	217	217	203	221	221
EAST	Dutch Flat	DHF BK 1		12.5	11.4	11.4	13.1	12.4
EAST	Dutch Flat	DHF BK 2		6.0	6.1	6.0	6.0	6.1
EAST	Dutch Flat		DHF208	288	265	263	304	287

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
EAST	Dutch Flat		DHF209	92	92	93	94	101
EAST	Dutch Flat		DHF210	46	49	47	45	41
FF	Eagle	EGL BK 2		6.4	6.1	5.6	5.5	5.6
FF	Eagle	EGL BK 3		17.9	18.0	19.6	20.1	19.2
FF	Eagle		EGL1218	298	286	260	255	261
FF	Eagle		EGL201	113	116	112	118	112
FF	Eagle		EGL202	327	328	340	349	342
EAST	Elko	EKO BK 2		0.9	0.9	0.9	0.9	1.3
EAST	Elko		EKO24	126	125	127	127	146
EAST	Elko		EKO27	87	87	88	88	158
CAR	Emerson	EMN BK 1		19.5	19.5	20.9	23.5	23.6
CAR	Emerson		EMN1221	122	128	136	277	278
CAR	Emerson		EMN1222	248	241	251	248	249
CAR	Emerson		EMN1223	340	339	340	356	354
CAR	Emerson		EMN1224	243	241	247	248	233
FF	Empire	EMP BK 1		0.6	0.6	0.6	0.5	0.5
FF	Empire		EMP7001	78	78	77	72	71
CAR	Fairview	FVW BK 1		21.1	21.5	21.7	15.4	15.4
CAR	Fairview		FVW1210	331	328	325	327	346
CAR	Fairview		FVW1211	316	295	253	126	127
CAR	Fairview		FVW1212	418	453	480	276	273
FF	Fallon	FLN BK 1		4.2	4.0	4.1	4.2	4.3
FF	Fallon	FLN BK 2		0.1	0.1	0.1	0.1	0.1
FF	Fallon	FLN BK 3		8.8	8.7	8.6	9.9	10.5
FF	Fallon		FLN1201	240	238	237	235	249
FF	Fallon		FLN1202	193	186	188	195	197
FF	Fallon		FLN1203	169	167	162	223	241
FF	Fallon		FLN310	1	1	1	1	1
FF	Fernley	FLY BK 1		18.1	17.5	16.2	17.5	16.3
FF	Fernley		FLY1214	158	156	139	146	138
FF	Fernley		FLY1215	261	246	244	264	245
FF	Fernley		FLY1216	86	85	76	87	77
FF	Fernley		FLY1217	335	322	311	317	317
CAR	Fort Churchill	FTC BK 1		2.9	3.0	3.0	3.6	3.6
CAR	Fort Churchill		FTC210	68	70	71	85	84
TM	Fort Sage	FTS BK 2		2.5	2.5	2.5		
TM	Fort Sage		FTS299	60	60	59	59	60
CAR	Gabbs	GBS BK 1		3.5	3.5	3.5	3.8	3.8
CAR	Gabbs		GBS47	136	146	146	144	144
CAR	Gabbs		GBS48	809	777	807	856	859
STAH	Glenbrook	GLN BK 1		4.2	4.2	4.4	3.7	3.3
STAH	Glenbrook		GLN2302	114	123	124	124	111
STAH	Glenbrook		GLN2505	25	24	22	18	18
STAH	Glenbrook		GLN2600	34	33	34	23	20
TM	Glendale	GLD BK 1		30.4	30.6	29.7	30.3	29.8

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
TM	Glendale	GLD BK 2		34.4	35.1	36.5	35.6	34.4
TM	Glendale		GLD211	450	434	433	379	378
TM	Glendale		GLD237	100	97	101	99	102
TM	Glendale		GLD238	78	85	85	84	85
TM	Glendale		GLD245	121	126	135	135	142
TM	Glendale		GLD265	137	149	138	135	141
TM	Glendale		GLD271	231	229	272	241	243
TM	Glendale		GLD274	466	471	471	479	451
EAST	Golconda	GOL BK 1		3.0	2.8	2.9	3.0	3.0
EAST	Golconda		GOL1201	48	46	46	51	47
EAST	Golconda		GOL1202	81	74	79	78	82
EAST	Golconda		GOL1203	4	4	3	3	3
CAR	Goldfield	GFD BK 1		0.7	0.9	1.0	1.0	0.9
CAR	Goldfield		GFD1264	32	40	45	46	42
EAST	Grass Valley	GRS BK 1		17.8	18.1	16.5	17.9	18.3
EAST	Grass Valley		GRS2517	240	249	222	241	227
EAST	Grass Valley		GRS2518	198	181	173	194	192
TM	Greg Street	GRG BK 1		21.1	21.9	24.6	27.3	26.5
TM	Greg Street	GRG BK 2		36.8	35.4	35.6	36.3	36.7
TM	Greg Street	GRG BK 3		32.1	31.7	33.5	35.7	35.4
TM	Greg Street		GRG227	139	144	144	148	140
TM	Greg Street		GRG228	350	395	363	382	377
TM	Greg Street		GRG229	315	335	334	356	317
TM	Greg Street		GRG231	240	243	223	226	200
TM	Greg Street		GRG232	251	244	251	229	221
TM	Greg Street		GRG233	380	376	393	399	438
TM	Greg Street		GRG286	202	222	227	276	262
TM	Greg Street		GRG287	118	143	141	152	153
TM	Greg Street		GRG288	212	217	246	251	248
CAR	Hawthorne	HAW BK 1		5.7	5.3	5.7	5.7	5.6
CAR	Hawthorne		HAW1201	126	121	126	121	124
CAR	Hawthorne		HAW1202	146	152	145	145	145
FF	Hazen	HAZ BK 1		0.3	0.3	0.3	0.3	0.3
FF	Hazen		HAZ1210	14	14	14	13	13
CAR	Heybourne	HEY BK 1		11.6	11.5	11.3	11.9	11.9
CAR	Heybourne		HEY1287	248	283	256	273	273
CAR	Heybourne		HEY1288	250	254	234	242	242
CAR	Heybourne		HEY1290	74	63	70	73	73
TM	Highland^	HLD BK 1		1.2	1.1	1.3	1.8	1.9
TM	Highland^	HLD BK 2		0.9	1.1	1.0	1.0	1.1
TM	Highland^		HLD1	169	151	135	152	153
TM	Highland^		HLD3	44	71	64	67	74
TM	Highland^		HLD4	79	84	77	76	78
TM	Holcomb	HOL BK 1		2.0	2.0	2.0	2.0	2.2
TM	Holcomb	HOL BK 2		1.5	1.4	1.4	1.0	1.4

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
TM	Holcomb	HOL BK 3		2.8	2.8	3.0	2.8	2.8
TM	Holcomb		HOL1	72	84	71	72	74
TM	Holcomb		HOL2	200	199	200	200	232
TM	Holcomb		HOL4	214	194	196	137	200
TM	Holcomb		HOL5	196	196	204	228	192
TM	Holcomb		HOL6	188	199	214	159	201
EAST	Humboldt House	HBH BK 1		0.1	0.1	0.1	0.1	0.1
EAST	Humboldt House		HBH701	11	11	11	11	11
TM	Hunter Lake	HLS BK 1		2.4	2.4	2.4	2.5	2.4
TM	Hunter Lake	HLS BK 2		1.9	2.0	1.9	2.1	2.0
TM	Hunter Lake		HLS1	223	221	195	195	194
TM	Hunter Lake		HLS2	177	174	186	148	143
TM	Hunter Lake		HLS3	271	288	272	288	284
EAST	Imlay	ILY BK 1		2.0	2.0	2.3	2.3	2.5
EAST	Imlay		ILY1201	90	91	106	107	117
NTAH	Incline	INC BK 1		26.0	24.9	28.5	29.7	29.2
NTAH	Incline		INC4100	397	368	490	499	480
NTAH	Incline		INC4200	433	451	465	478	474
NTAH	Incline		INC4300	301	301	303	304	304
STAH	Kingsbury	KNG BK 1		9.0	9.2	9.3	9.6	9.6
STAH	Kingsbury		KNG2800	361	370	377	388	388
EAST	Kramer Hill	KRH BK 1		4.1	3.9	3.2	3.5	3.7
EAST	Kramer Hill		KRH1204	181	170	140	153	163
EAST	Last Chance	LCH BK 1		43.3	43.5	39.9	43.0	43.2
EAST	Last Chance		LCH211	419	404	373	410	398
EAST	Last Chance		LCH212	185	183	187	198	176
EAST	Last Chance		LCH218	246	247	226	246	252
EAST	Last Chance		LCH221	195	208	182	202	195
EAST	Limerick	LIM BK 1		0.5	0.7	0.6	0.7	0.8
EAST	Limerick		LIM1201	21	28	28	30	35
EAST	Lone Mountain^	LNK BK 1		0.9	0.9	1.0	0.9	1.0
EAST	Lone Mountain^		LNK1201	42	42	48	44	44
FF	Lonely	LNK BK 1		24.8	23.7	23.2	23.6	24.0
FF	Lonely		LNK1230	478	461	458	467	464
FF	Lonely		LNK1231	218	251	247	250	254
FF	Lonely		LNK1232	256	195	195	201	206
FF	Lonely		LNK1233	201	198	177	175	187
EAST	Lovelock	LOV BK 1		1.8	1.8	1.8	2.3	2.3
EAST	Lovelock	LOV BK 2		1.9	1.9	2.0	2.0	2.0
EAST	Lovelock	LOV BK 3		0.8	0.8	0.8	0.8	0.8
EAST	Lovelock		LOV1203	39	39	35	35	38
EAST	Lovelock		LOV701	142	143	146	180	181
EAST	Lovelock		LOV702	35	37	42	44	41
EAST	Lovelock		LOV703	114	115	117	118	116
CAR	Lower Smoky Valley	LSV BK 1		0.8	0.8	0.8	0.8	0.8

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
CAR	Lower Smoky Valley		LSV1260	36	36	36	36	36
CAR	Luning	LUN BK 1		0.0	0.0	0.0	0.0	0.0
CAR	Luning		LUN7005	4	8	13	13	7
CAR	Manhattan	MAN BK 1		0.8	0.8	0.8	0.7	0.7
CAR	Manhattan		MAN1201	36	35	35	34	34
CAR	Mark Twain	MTW BK 1		27.6	26.9	26.0	24.9	25.0
CAR	Mark Twain		MTW218	296	314	280	285	274
CAR	Mark Twain		MTW220	360	367	326	295	304
CAR	Mason Valley	MNV BK 1		19.4	18.4	13.8	14.6	14.3
CAR	Mason Valley	MNV BK 2		10.7	10.3	11.7	11.8	11.8
CAR	Mason Valley		MNV2501	394	403	284	310	286
CAR	Mason Valley		MNV2506	79	78	87	97	97
CAR	Mason Valley		MNV2507	249	238	272	273	273
CAR	Mason Valley		MNV2508	1	1	1	1	1
TM	McCarran	MCN BK 1		3.4	3.8	3.8	4.3	4.5
TM	McCarran		MCN1	321	355	357	400	443
TM	McCarran		MCN2	159	186	176	194	187
EAST	McCoy Mine	MCY BK 1		1.2	1.1	1.2	1.2	1.2
EAST	McCoy Mine		MCY201	27	27	27	28	27
TM	Mill Street	MIL BK 1		2.6	2.6	2.6	2.6	2.6
TM	Mill Street	MIL BK 2		2.0	2.0	2.0	2.2	1.9
TM	Mill Street		MIL1	334	327	332	334	335
TM	Mill Street		MIL2	31	31	30	31	31
TM	Mill Street		MIL3	283	285	283	301	260
CAR	Millers^	MLR BK 2		0.1	0.1	0.1	0.1	0.0
CAR	Millers^		MLR41	22	22	22	22	
CAR	Mina	MNA BK 1		0.4	0.4	0.4	0.4	0.4
CAR	Mina		MNA1202	9	9	9	9	9
CAR	Mina		MNA1203	8	8	8	8	7
CAR	Mina		MNA1204	8	3	3	2	2
CAR	Minden	MIN BK 1		4.1	5.6	5.5	5.4	5.4
CAR	Minden		MIN1272	97	123	124	128	128
CAR	Minden		MIN1273	94	140	133	123	122
TM	Mira Loma	MIR BK 3		49.0	43.2	45.9	47.7	46.8
TM	Mira Loma		MIR2502	428	442	409	419	399
TM	Mira Loma		MIR2503	264	256	253	246	264
TM	Mira Loma		MIR2504	511	488	460	474	485
TM	Moana	MOA BK 1		0.1	0.1	0.1	0.1	0.1
TM	Moana	MOA BK 2		1.9	1.9	1.9	1.8	1.9
TM	Moana		MOA2	11	11	9	10	18
TM	Moana		MOA3	262	261	265	256	260
TM	Mount Rose	MTR BK 1		35.0	34.4	33.1	34.3	35.5
TM	Mount Rose	MTR BK 2		14.9	15.7	20.2	15.7	18.1
TM	Mount Rose		MTR203	214	217	209	219	230
TM	Mount Rose		MTR210	194	204	230	204	215

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
TM	Mount Rose		MTR242	262	270	246	258	255
TM	Mount Rose		MTR243	255	257	239	246	259
TM	Mount Rose		MTR282	357	349	345	340	365
CAR	Muller	MUR BK 1		20.7	20.6	18.9	19.9	20.0
CAR	Muller		MUR1295	327	325	334	342	336
CAR	Muller		MUR1296	691	688	719	587	589
CAR	No Name Hill	NNH BK 1		0.0	0.0	0.0	0.0	0.0
CAR	No Name Hill		NNH1201	2	2			
TM	North Red Rock	NRR BK 1		29.2	31.5	28.6	30.1	29.6
TM	North Red Rock		NRR2503	387	433	397	409	393
TM	North Red Rock		NRR2504	293	306	271	288	301
EAST	North Valmy	NVY BK 2		2.8	3.1	1.7	2.6	3.1
EAST	North Valmy		NVY2401	8	1	5	1	6
EAST	North Valmy		NVY2402	29	39	3	30	41
EAST	North Valmy		NVY2403	32	33	34	34	36
TM	Northwest^	NOW BK 1		33.3	33.4	29.8	32.6	32.4
TM	Northwest^	NOW BK 2		39.7	44.6	43.1	41.7	45.0
TM	Northwest^		NOW206	171	168	158	170	161
TM	Northwest^		NOW207	265	337	311	309	291
TM	Northwest^		NOW208	287	356	345	337	350
TM	Northwest^		NOW216	429	433	395	428	451
TM	Northwest^		NOW218	176	183	171	161	141
TM	Northwest^		NOW244	372	346	434	434	402
EAST	Osgood Valley	OSG BK 1		2.3	2.3	2.2	2.2	4.2
EAST	Osgood Valley		OSG201	14	11	12	22	55
EAST	Osgood Valley		OSG202	43	43	42	41	42
CAR	Overland	OVL BK 1		16.1	17.4	17.1	17.7	16.5
CAR	Overland		OVL1250	79	80	80	73	70
CAR	Overland		OVL1260	120	129	132	124	96
CAR	Overland		OVL1265	452	467	435	471	442
CAR	Overland		OVL1270	146	154	153	154	154
EAST	Parran	PAR BK 1		0.0	0.0	0.0	0.0	0.0
EAST	Parran		PAR724	3	3	3	3	3
TM	Patrick	PAT BK 1		28.6	32.5	26.1	24.8	25.9
TM	Patrick		PAT224	101	99	89	79	82
TM	Patrick		PAT225	373	395	270	198	272
TM	Patrick		PAT226	245	266	252	291	245
CAR	Pinenut	PNT BK 1		25.5	25.0	26.3	26.6	26.7
CAR	Pinenut		PNT1251	373	383	377	409	410
CAR	Pinenut		PNT1252	214	1	1	1	1
CAR	Pinenut		PNT1253	187	401	479	444	446
CAR	Pinenut		PNT1254	406	391	364	385	386
TM	Pyramid	PYD BK 1		2.3	2.7	2.5	2.5	2.6
TM	Pyramid	PYD BK 2		0.5	0.6	0.6	0.6	0.6
TM	Pyramid		PYD1	195	238	215	220	230

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
TM	Pyramid		PYD2	126	142	135	134	137
TM	Pyramid		PYD3	69	84	71	72	77
TM	Pyramid		PYD4	7	9	15	15	10
FF	Ray Couch	RYC BK 1		6.7	6.8	6.7	6.6	6.7
FF	Ray Couch	RYC BK 2		8.6	8.1	7.8	6.9	7.1
FF	Ray Couch		RYC1206	141	146	141	136	139
FF	Ray Couch		RYC1207	398	373	363	319	327
FF	Ray Couch		RYC1208	173	173	167	171	173
EAST	Red House	RED BK 1		0.1	0.1	0.1	0.1	0.1
EAST	Red House		RED1401	4	4	4	4	4
EAST	Reese River	RRV BK 1		4.1	4.0	3.1	3.5	3.8
EAST	Reese River		RRV230	81	72	67	71	67
EAST	Reese River		RRV231	22	23	21	27	22
TM	Reno	RNO BK 1		0.6	0.6	0.6	0.6	0.6
TM	Reno	RNO BK 2		1.1	1.1	1.3	1.5	1.3
TM	Reno	RNO BK 3		32.8	32.5	31.1	31.2	30.7
TM	Reno	RNO BK 4		32.4	31.0	28.0	29.7	29.4
TM	Reno		RNO1	80	80	78	80	88
TM	Reno		RNO204	130	127	130	112	104
TM	Reno		RNO216	176	173	156	148	145
TM	Reno		RNO240	321	328	354	365	367
TM	Reno		RNO243	229	228	227	247	255
TM	Reno		RNO247	244	244	229	215	207
TM	Reno		RNO263	246	245	236	240	235
TM	Reno		RNO285	209	205	200	176	172
TM	Reno		RNO4	96	56	78	95	91
TM	Reno		RNO6	120	95	109	112	96
EAST	Rose Creek	RCR BK 1		2.3	2.3	2.4	2.3	2.7
EAST	Rose Creek		RCR201	54	53	55	53	63
STAH	Round Hill	RDH BK 1		19.4	18.6	19.0	18.1	19.2
STAH	Round Hill		RDH1502	248	298	260	243	261
STAH	Round Hill		RDH1503	257	256	308	251	272
STAH	Round Hill		RDH1504	290	276	253	234	235
CAR	Round Mountain	RDM BK 1		16.5	15.5	15.6	17.2	17.3
CAR	Round Mountain	RDM BK 2		15.1	16.6	16.9	16.7	15.9
CAR	Round Mountain		RDM2220	80	95	94	99	98
CAR	Round Mountain		RDM2221	382	359	360	400	400
CAR	Round Mountain		RDM2222	273	291	322	329	309
TM	Rusty Spike	RSK BK 1		28.9	29.0	31.2	30.9	34.2
TM	Rusty Spike		RSK221	59	61	61	63	68
TM	Rusty Spike		RSK254	496	448	446	427	425
TM	Rusty Spike		RSK260	158	196	223	281	302
EAST	Rye Patch	RPH BK 1		0.3	0.3	0.3	0.3	0.4
EAST	Rye Patch		RPH21	68	68	83	71	89
CAR	Sandia	SND BK 1		1.0	1.0	1.0	1.0	1.0

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
CAR	Sandia		SND1201	46	46	46	47	47
EAST	Setty	STY BK 1		2.3	2.3	2.5	2.9	3.2
EAST	Setty		STY2402	44	45	49	56	63
EAST	Setty		STY251	10	9	9	11	11
TM	Silver Lake	SLK BK 1		12.2	12.0	11.6	11.9	11.6
TM	Silver Lake	SLK BK 2		40.2	31.8	31.5	30.7	30.0
TM	Silver Lake		SLK255	266	270	269	270	269
TM	Silver Lake		SLK256	228	228	218	222	211
TM	Silver Lake		SLK257	285	283	271	274	272
TM	Silver Lake		SLK258	441	251	245	220	215
CAR	Silver Peak	SVR BK 1		3.3	3.3	3.0	2.5	2.3
CAR	Silver Peak		SVR203	77	76	71	59	54
CAR	Silver Springs	SIL BK 1		8.3	8.2	8.0	7.7	7.5
CAR	Silver Springs		SIL1211	327	320	314	306	307
CAR	Silver Springs		SIL1212	61	58	58	60	58
CAR	Smith Valley	SVL BK 1		15.9	16.0	17.7	17.1	16.0
CAR	Smith Valley		SVL2501	116	117	132	127	115
CAR	Smith Valley		SVL2502	52	60	67	66	66
CAR	Smith Valley		SVL2504	55	56	64	62	64
CAR	Smith Valley		SVL2506	157	158	166	160	150
EAST	Sonoma Heights	SHT BK 1		1.4	1.4	1.3	1.3	1.3
EAST	Sonoma Heights	SHT BK 2		0.4	0.4	0.4	0.4	0.5
EAST	Sonoma Heights	SHT BK 3		0.0	0.0	0.0	0.0	0.0
EAST	Sonoma Heights		SHT206	1	1	1	1	1
EAST	Sonoma Heights		SHT21	193	193	170	175	189
EAST	Sonoma Heights		SHT23	142	139	137	128	129
EAST	Sonoma Heights		SHT704	29	33	35	34	38
TM	South Meadows	SMD BK 1		32.2	30.5	28.5	27.1	13.3
TM	South Meadows		SMD2503	442	405	380	353	
TM	South Meadows		SMD2504	315	323	296	275	309
TM	Spanish Springs	SSP BK 1		54.6	54.3	50.4	50.6	55.4
TM	Spanish Springs	SSP BK 2		58.4	52.8	52.9	55.4	56.5
TM	Spanish Springs		SSP270	444	456	432	427	447
TM	Spanish Springs		SSP271	345	339	285	273	288
TM	Spanish Springs		SSP272	407	453	357	379	407
TM	Spanish Springs		SSP273	506	485	469	479	548
TM	Spanish Springs		SSP274	202	198	204	219	192
TM	Spanish Springs		SSP275	803	733	672	687	710
TM	Sparks Industrial	SID BK 1		8.2	7.9	8.2	8.8	8.9
TM	Sparks Industrial		SID261	191	185	188	201	204
CAR	Stagecoach	STA BK 1		2.8	2.4	2.6	2.5	2.5
CAR	Stagecoach		STA217	65	56	61	57	57
STAH	Stateline	STL BK 1		16.6	16.7	16.2	16.6	16.6
STAH	Stateline	STL BK 3		9.8	3.5	4.5	4.6	4.6
STAH	Stateline		STL2200	229	238	231	241	241

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
STAH	Stateline		STL2300	209	204	225	213	213
STAH	Stateline		STL3101	398	139	188	185	185
STAH	Stateline		STL3501	240	228	226	213	213
TM	Stead	STD BK 1		2.5	2.5	2.8	3.0	3.0
TM	Stead	STD BK 2		3.0	3.6	3.6	3.7	2.0
TM	Stead		STD257	62	61	69	65	68
TM	Stead		STD259	73	91	85	86	47
TM	Steamboat	STM BK 1		42.8	40.9	38.9	46.6	44.9
TM	Steamboat	STM BK 2		28.5	28.2	32.6	24.5	36.9
TM	Steamboat		STM210	354	374	489	310	326
TM	Steamboat		STM212	405	405	388	391	364
TM	Steamboat		STM213	325	319	307	307	312
TM	Steamboat		STM214	195	201	184	194	205
TM	Steamboat		STM215	82	88	83	84	417
TM	Steamboat		STM219	1	1	1	1	1
TM	Steamboat		STM268	254	239	205	394	378
CAR	Stickleman	STK BK 1		0.8	0.8	0.8	0.8	0.8
CAR	Stickleman		STK1201	38	38	37	37	38
TM	Sugarloaf	SLF BK 1		43.9	43.5	41.5	42.1	38.6
TM	Sugarloaf	SLF BK 2		36.9	36.3	34.0	33.7	33.1
TM	Sugarloaf		SLF2505	264	254	237	227	155
TM	Sugarloaf		SLF2509	742	753	691	702	689
TM	Sugarloaf		SLF2510	114	107	100	95	78
TM	Sugarloaf		SLF301	228	213	182	170	139
TM	Sugarloaf		SLF303	607	607	544	576	601
TM	Sutro	SUT BK 1		5.6	5.5	5.4	5.6	4.1
TM	Sutro		SUT241	161	161	127	130	96
EAST	T Lazy S	TLS BK 1		1.8	1.6	1.4	1.4	1.3
EAST	T Lazy S		TLS240	41	38	32	33	30
CAR	Topaz	TPZ BK 1		1.3	1.4	4.1	4.0	3.8
CAR	Topaz	TPZ BK 2		2.9	2.6	0.0		
CAR	Topaz		TPZ1201	60	63	192		
CAR	Topaz		TPZ1202	135	121	1		
EAST	Toulon	TLN BK 1		0.1	0.1	0.1	0.1	0.2
EAST	Toulon		TLN701	6	6	6	8	13
NTAH	Truckee	TRK BK 1		9.8	9.5	10.0	9.7	9.7
NTAH	Truckee		TRK7202	20	22	23	22	23
NTAH	Truckee		TRK7203	350	336	338	323	324
NTAH	Truckee		TRK7204	49	55	60	54	56
TM	University	UNV BK 1		0.5	0.6	0.6	0.7	0.7
TM	University		UNV2	76	86	85	99	94
TM	Valley Road	VAL BK 2		46.7	45.6	42.5	45.0	45.4
TM	Valley Road	VAL BK 3		18.3	18.6	19.3	20.3	20.8
TM	Valley Road		VAL244	4	15	9	10	9
TM	Valley Road		VAL246	199	198	197	201	176

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SIERRA PACIFIC POWER COMPANY 2021-2025
SUBSTATION TRANSFORMER AND FEEDER PAST PEAKS

Region	Substation	Transformer	Feeder	2025	2024	2023	2022	2021
TM	Valley Road		VAL248	270	271	292	317	318
TM	Valley Road		VAL249	410	392	359	362	369
TM	Valley Road		VAL251	158	149	148	151	157
TM	Valley Road		VAL254	28	52	47	62	61
TM	Valley Road		VAL262	444	422	386	419	447
CAR	Virginia City	VCY BK 1		2.4	2.6	2.7	2.8	2.9
CAR	Virginia City		VCY213	4	4	4	4	4
CAR	Virginia City		VCY214	21	24	26	28	28
CAR	Virginia City		VCY215	31	33	33	34	34
FF	Wadsworth	WAD BK 1		2.6	2.6	3.2	2.9	2.9
FF	Wadsworth		WAD1220	19	19	17	16	1
FF	Wadsworth		WAD1221	101	101	133	121	134
TM	Washoe PH	WSO BK 1		1.3	1.3	1.3	1.3	1.3
TM	Washoe PH		WSO201	30	30	30	29	29
TM	Washoe PH		WSO203	1	1	1	1	1
TM	West 7th Street	WST BK 1		2.4	2.5	3.0	3.4	4.1
TM	West 7th Street		WST1	154	149	184	230	364
TM	West 7th Street		WST2	185	184	225	216	183
CAR	West Tonopah	WTP BK 1		5.5	5.9	6.1	6.0	6.0
CAR	West Tonopah		WTP1201	133	126	132	120	130
CAR	West Tonopah		WTP1202	71	64	68	68	69
CAR	West Tonopah		WTP1203	73	85	84	90	79
FF	Westside^	WES BK 1		9.0	9.1	8.9	9.7	9.6
FF	Westside^		WES1211	209	210	215	229	212
FF	Westside^		WES1212	134	134	129	135	126
FF	Westside^		WES1213	79	79	79	86	108
TM	Wheeler	WLR BK 2		1.2	1.3	1.3	1.4	1.3
TM	Wheeler		WLR2	173	185	183	190	178
EAST	Winnemucca	WIN BK 2		23.0	23.2	21.9	22.5	23.4
EAST	Winnemucca	WIN BK 3		0.5	0.5	0.5	0.5	0.5
EAST	Winnemucca		WIN201	223	225	207	220	226
EAST	Winnemucca		WIN205	170	171	165	166	177
EAST	Winnemucca		WIN206	140	141	133	135	138
EAST	Winnemucca		WIN701	41	40	40	40	40

All values in MVA for transformers

All values in amps for feeders

Blank values = not yet in service

DRP-3

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NE	Allen	ALN BK 1//2	74	59.4	62.2	62.7	63.1	63.7	64.8	65.9
Nevada Power	NE	Allen	ALN BK 3	37	23.9	23.8	25.5	25.7	25.9	26.4	26.9
Nevada Power	NE	Alta	AL BK 3	37.3	25.8	26.7	26.9	27.0	27.2	27.6	28.0
Nevada Power	NE	Alta	AL BK 4	22.4	13.0	13.0	13.0	13.1	13.2	13.2	13.3
Nevada Power	NE	Alta	AL BK 5	37.3	26.6	27.3	28.8	30.0	30.3	31.2	32.1
Nevada Power	NE	Alta	AL BK 6	22.4	4.4	4.4	4.4	4.5	4.5	4.5	4.6
Nevada Power	NE	Andrews	AND BK 1//2	74	50.8	54.8	55.2	55.5	56.0	57.4	58.7
Nevada Power	NW	Angel Peak	AP BK 1	4.83	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Nevada Power	NW	Angel Peak	AP BK 2	5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Nevada Power	SE	Anthem	ANT BK 1//2	74.6	62.3	62.6	62.9	63.2	63.8	64.1	64.5
Nevada Power	SE	Anthem	ANT BK 3	37	8.6	8.6	8.6	8.7	8.7	8.8	8.8
Nevada Power	SW	Arden	AD BK 4//5	74	65.6	69.4	71.4	72.6	73.8	75.9	77.9
Nevada Power	NE	Artesian	AR BK 2	37.3	34.8	35.9	36.4	36.5	36.8	37.3	37.9
Nevada Power	NE	Artesian	AR BK 3//4	74.6	50.2	51.6	53.2	53.5	53.9	54.8	55.8
Nevada Power	SW	Avera	AVR BK 1	56	48.2	49.5	50.3	50.8	51.4	52.3	53.1
Nevada Power	SW	Avera	AVR BK 2	56	38.3	40.0	41.9	43.8	45.4	47.2	48.9
Nevada Power	SE	Balboa	BL BK 1	22.4	18.9	19.5	19.6	19.7	19.9	20.1	20.3
Nevada Power	SE	Balboa	BL BK 2//3	44.8	32.9	33.1	33.5	33.9	34.3	34.6	35.0
Nevada Power	NW	Beltway	BLT BK 3//4	74	53.3	57.9	62.7	67.8	71.8	76.4	81.1
Nevada Power	SE	Bicentennial	BCT BK 1//2	74	49.9	50.4	51.0	51.4	52.0	52.6	53.1
Nevada Power	SE	Bicentennial	BCT BK 3	37	25.4	27.3	28.1	28.7	29.3	30.3	31.2
Nevada Power	SE	Big Bend	BGB BK 1	22.4	5.0	5.0	5.1	5.1	5.1	5.2	5.2
Nevada Power	SE	Big Bend	BGB BK 2	22.4	10.7	10.7	10.8	10.8	10.9	11.0	11.1
Nevada Power	NE	Blade Runner	BLD BK 1	28	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nevada Power	SW	Blue Diamond	BD BK 2//3	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada Power	SE	Boulder Beach	BB BK 1	9.3	2.9	2.9	2.9	2.9	2.9	2.9	3.0
Nevada Power	SE	Burnham	BRN BK 1//2	74.6	53.5	57.1	58.8	59.7	60.3	62.0	63.7
Nevada Power	SE	Burnham	BRN BK 3	37.3	22.3	22.6	23.1	23.5	24.0	24.4	24.8
Nevada Power	SE	Cabana	CB BK 1//2	74.6	59.5	60.1	60.6	61.3	62.2	62.8	63.5
Nevada Power	SE	Cabana	CB BK 3	37	22.8	24.8	25.8	26.8	27.1	28.2	29.2
Nevada Power	SE	Cactus	CCT BK 1//2	74	49.2	52.4	54.2	55.6	57.0	59.0	60.9
Nevada Power	SW	Camero	CMO BK 2	37	19.5	23.8	27.3	28.8	30.1	32.7	35.4
Nevada Power	NW	Canyon	CN BK 1	5	0.7	0.7	0.7	0.8	0.8	0.8	0.8
Nevada Power	NE	Carey	CA BK 5	22.4	10.2	10.2	10.3	10.4	10.5	10.5	10.6
Nevada Power	NE	Carey	CA BK 6//7	44.8	33.7	35.1	35.4	35.6	35.9	36.5	37.0
Nevada Power	NE	Carey	CA BK 8//9	44.8	16.8	16.9	16.9	17.0	17.2	17.3	17.4
Nevada Power	NW	Charleston	CHR BK 1	28	13.3	13.4	14.3	15.0	15.8	16.4	17.1
Nevada Power	NW	Cheyenne	CHN BK 1//2	74.6	49.9	50.2	50.4	50.7	51.0	51.3	51.6
Nevada Power	NW	Cheyenne	CHN BK 3	37.3	18.7	18.7	18.7	18.8	19.0	19.0	19.1
Nevada Power	STRIP	Claymont	CM BK 1	37.3	21.0	23.8	25.0	25.8	26.0	27.3	28.6
Nevada Power	STRIP	Claymont	CM BK 2	37.3	21.4	23.8	23.9	24.0	24.2	24.9	25.6
Nevada Power	STRIP	Claymont	CM BK 3	37.3	19.3	21.2	21.4	21.6	21.8	22.4	23.0
Nevada Power	STRIP	Claymont	CM BK 4	37.3	20.2	22.3	23.7	23.9	24.2	25.1	26.1
Nevada Power	NW	Cold Creek	CC BK 2	22.4	4.9	5.0	5.0	5.0	5.1	5.1	5.1
Nevada Power	STRIP	Commerce	COM BK 1	56	6.8	9.7	11.7	11.8	11.9	13.2	14.5
Nevada Power	STRIP	Commerce	COM BK 2	56	23.3	26.1	27.3	27.4	27.6	28.7	29.8
Nevada Power	STRIP	Concourse	CON BK 1	37.3	17.6	17.6	18.7	23.3	25.1	26.9	28.8
Nevada Power	STRIP	Concourse	CON BK 2//3	74.6	41.7	44.7	44.8	45.1	45.5	46.5	47.4
Nevada Power	NE	Craig	CR BK 1//2	74.6	52.4	57.6	59.7	60.6	61.2	63.4	65.6
Nevada Power	NE	Craig	CR BK 3	37	26.7	26.7	26.8	27.0	27.2	27.4	27.5
Nevada Power	NE	DeBuono	DEB BK 1	22.4	14.3	14.2	14.3	14.4	14.5	14.6	14.7
Nevada Power	NE	DeBuono	DEB BK 2//3	44.8	30.2	30.2	30.3	30.4	30.7	30.8	30.9
Nevada Power	SW	Decatur	DE BK 3//7	44.8	29.2	32.0	32.7	33.0	33.3	34.3	35.3

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	Decatur	DE BK 4//5	44.8	26.6	26.6	26.7	26.8	27.1	27.2	27.3
Nevada Power	SW	Durango	DU BK 1	37.3	22.5	22.5	22.7	22.8	23.1	23.2	23.4
Nevada Power	SW	Durango	DU BK 2//3	74.6	52.4	53.9	55.0	55.8	56.4	57.4	58.4
Nevada Power	NW	El Capitan	ELC BK 1	56	40.2	41.2	42.3	43.2	43.8	44.7	45.6
Nevada Power	NW	El Capitan	ELC BK 2	56	47.7	50.4	51.8	52.8	53.8	55.3	56.9
Nevada Power	STRIP	El Rancho	ER BK 1	17.5	8.9	9.6	13.1	13.7	13.9	15.1	16.4
Nevada Power	STRIP	El Rancho	ER BK 2//3	35	17.8	22.7	22.8	23.0	23.2	24.6	26.0
Nevada Power	NW	Elkhorn	ELK BK 1//2	74	64.4	64.9	66.2	67.9	69.0	70.2	71.3
Nevada Power	NW	Elkhorn	ELK BK 3//4	74	54.3	56.3	59.3	61.5	62.3	64.3	66.4
Nevada Power	STRIP	Excalibur	EX BK 1//2	44.8	26.7	26.7	26.8	27.0	27.3	27.5	27.6
Nevada Power	STRIP	Excalibur	EX BK 3//4	44.8	19.0	19.1	19.2	19.3	19.5	19.6	19.7
Nevada Power	SE	Faulkner	FLK BK 3	56	40.2	44.2	45.3	45.5	45.8	47.2	48.6
Nevada Power	SE	Faulkner	FLK BK 4	56	44.6	49.2	51.8	52.6	53.2	55.3	57.5
Nevada Power	SE	Faulkner	FLK BK 5	56	26.9	28.8	29.9	30.9	32.0	33.3	34.5
Nevada Power	STRIP	Flamingo	FL BK 1	22.4	11.3	11.3	11.4	11.5	11.6	11.6	11.7
Nevada Power	STRIP	Flamingo	FL BK 2//3	44.8	17.3	17.9	18.7	20.1	21.5	22.5	23.6
Nevada Power	SE	Ford	FRD BK 1	56	28.2	29.5	29.8	30.0	30.3	30.8	31.3
Nevada Power	SE	Ford	FRD BK 2	56	39.7	41.0	42.2	43.6	45.1	46.4	47.8
Nevada Power	SW	Frias	FRS BK 1//2	74	45.6	46.3	46.8	47.3	48.0	48.6	49.2
Nevada Power	SW	Frias	FRS BK 3	37	32.7	33.8	34.6	35.5	36.3	37.2	38.0
Nevada Power	STRIP	Garces	GA BK 2//3	44.8	27.5	27.9	28.0	28.2	28.5	28.7	29.0
Nevada Power	STRIP	Garces	GA BK 4	22.4	6.3	6.3	6.3	6.4	6.4	6.5	6.5
Nevada Power	NE	Gilmore	GLM BK 1//2	74	54.5	64.3	68.5	68.9	69.6	73.4	77.2
Nevada Power	SW	Goodsprings	GS BK 1	3.1	0.6	0.7	0.7	0.7	0.7	0.7	0.7
Nevada Power	NE	Grand Teton	GTT BK 2//3	74	33.9	36.7	41.4	45.2	48.3	51.9	55.5
Nevada Power	SE	Green Valley	GV BK 1	37.3	29.2	29.2	29.3	29.5	29.7	29.9	30.0
Nevada Power	SE	Green Valley	GV BK 2//3	74.6	56.0	58.2	59.1	59.6	60.2	61.3	62.3
Nevada Power	SE	Greenway	GNW BK 1//2	74	39.1	40.3	41.9	43.3	44.9	46.3	47.7
Nevada Power	NE	Gypsum	GYP BK 1	22.4	3.7	13.0	15.0	15.2	15.3	18.2	21.2
Nevada Power	NE	Gypsum	GYP BK 2//3	44.8	22.1	30.9	33.7	35.3	36.5	40.0	43.6
Nevada Power	SE	Haven	HV BK 1	37	30.3	31.1	31.5	31.7	31.9	32.3	32.7
Nevada Power	SE	Haven	HV BK 2//3	74.6	52.1	58.8	60.6	61.9	62.5	65.1	67.8
Nevada Power	STRIP	Highland	HI BK 1//2	44.8	21.8	26.9	27.2	27.4	27.6	29.0	30.5
Nevada Power	STRIP	Highland	HI BK 3	22.4	9.6	10.3	10.3	10.4	10.5	10.7	10.9
Nevada Power	STRIP	Highland	HI BK 4//5	74.6	30.5	32.9	35.4	36.2	36.5	38.1	39.6
Nevada Power	STRIP	Highland	HI BK 6	37	8.7	9.2	9.2	9.3	9.4	9.5	9.7
Nevada Power	STRIP	Highland	HI BK 8	56	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Nevada Power	NW	Hualapai	HU BK 1//2	74.6	53.0	54.2	55.2	55.5	56.1	56.8	57.6
Nevada Power	NW	Hualapai	HU BK 3	37	20.7	20.8	20.9	21.0	21.2	21.3	21.5
Nevada Power	NW	Indian Springs	IS BK 1	7	2.6	2.9	3.7	4.1	4.3	4.7	5.1
Nevada Power	NW	Indian Springs	IS BK 2	11.2	5.9	5.9	5.9	5.9	6.0	6.0	6.0
Nevada Power	NW	Iron Mountain	IMT BK 1//2	74	52.8	53.4	53.8	54.3	55.0	55.5	56.1
Nevada Power	SW	Jean	JN BK 2	15.6	2.0	7.4	7.5	7.6	7.7	9.1	10.5
Nevada Power	SE	Keehn	KHN BK 1//2	74	52.6	60.4	64.4	65.1	65.8	69.1	72.4
Nevada Power	SE	Kidwell	KI BK 1	3.5	1.0	1.3	1.3	1.3	1.3	1.4	1.5
Nevada Power	NW	Kyle Canyon	KC BK 1	5.25	1.2	1.3	1.7	1.7	1.8	1.9	2.1
Nevada Power	SE	Lake Las Vegas	LLV BK 1//2	44.8	36.5	45.2	49.6	53.1	56.0	60.8	65.7
Nevada Power	SE	Larson	LRS BK 1//2	74.6	31.9	35.7	39.6	42.4	45.2	48.5	51.8
Nevada Power	NE	Leavitt	LVT BK 1	37	23.7	28.4	29.0	29.2	29.5	30.9	32.3
Nevada Power	NE	Leavitt	LVT BK 2//3	74	50.5	57.9	60.8	61.4	62.2	65.1	68.0
Nevada Power	STRIP	Lewis	LE BK 2	22.4	1.0	1.0	1.0	1.0	1.0	1.1	1.1
Nevada Power	NE	Lincoln	LCN BK 1//2	74	51.2	56.5	58.0	58.7	59.3	61.4	63.4
Nevada Power	SW	Lindell	LI BK 1//2	44.8	27.7	32.0	33.9	34.7	35.9	38.0	40.1

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	Lindell	LI BK 3	22.4	14.6	14.8	15.3	15.5	15.6	15.9	16.1
Nevada Power	SE	Lindquist	LDQ BK 1//2	44.8	28.3	28.9	29.3	29.5	29.8	30.1	30.5
Nevada Power	SE	Lindquist	LDQ BK 3	22.4	16.3	16.4	16.4	16.5	16.7	16.8	16.9
Nevada Power	NW	Lone Mountain	LMT BK 1//2	74	38.1	39.5	40.5	41.6	42.6	43.8	44.9
Nevada Power	NW	Lorenzi	LO BK 1//2	74.6	65.8	66.8	68.0	68.3	68.8	69.6	70.3
Nevada Power	NW	Lorenzi	LO BK 3	37.3	25.6	26.2	26.9	27.5	27.9	28.5	29.1
Nevada Power	STRIP	Lynnwood	LY BK 1//2	44.8	24.7	26.9	27.3	27.5	27.7	28.5	29.3
Nevada Power	SE	Magic Way	MAG BK 1	25	19.6	19.6	19.7	19.9	20.1	20.2	20.3
Nevada Power	STRIP	Mayfair	MA BK 1	6.25	2.6	2.7	2.7	2.7	2.7	2.7	2.7
Nevada Power	STRIP	Mayfair	MA BK 2	22.4	13.5	15.2	15.3	15.3	15.5	16.0	16.5
Nevada Power	STRIP	Mayfair	MA BK 3//4	44.8	29.6	33.8	34.0	34.2	34.6	35.8	37.1
Nevada Power	SW	McDonald	MCD BK 3	56	33.0	36.0	41.8	44.0	45.8	49.0	52.2
Nevada Power	SW	McDonald	MCD BK 4	56	41.4	43.3	45.4	46.3	48.0	49.6	51.2
Nevada Power	STRIP	MGM	MGM BK 4	22.4	8.8	8.8	8.8	8.9	11.4	12.0	12.7
Nevada Power	NW	Michael Way	MW BK 1//2	44.8	36.6	37.1	40.3	41.1	41.9	43.3	44.6
Nevada Power	NW	Michael Way	MW BK 3	22.4	14.7	14.9	15.3	15.5	15.6	15.8	16.0
Nevada Power	NE	Miller	MI BK 3//4	44.8	33.8	38.6	39.9	40.4	40.9	42.6	44.4
Nevada Power	SE	Mission	MS BK 1//4	44.8	27.7	28.8	30.1	31.4	32.7	34.0	35.2
Nevada Power	SE	Mission	MS BK 2//3	44.8	32.8	34.6	35.8	36.5	37.1	38.1	39.2
Nevada Power	SW	Mountains Edge	MTE BK 1//2	74	41.8	42.0	42.3	42.6	42.9	43.2	43.5
Nevada Power	SW	Mountains Edge	MTE BK 3	37	28.9	29.2	29.9	31.3	31.6	32.3	33.0
Nevada Power	SW	MYS	MYS BK 1//2	74.6	44.9	52.5	60.5	68.4	70.7	77.1	83.6
Nevada Power	SW	MYS	MYS BK 3	37	21.7	23.3	25.0	26.6	26.9	28.2	29.5
Nevada Power	SE	National Park Service	NPS BK 1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada Power	NE	Nellis	NS BK 1//2	25	15.1	18.2	19.7	20.5	21.1	22.6	24.1
Nevada Power	NE	Nellis	NS BK 3	22.4	10.3	15.8	18.1	18.7	19.2	21.4	23.6
Nevada Power	SE	Nelson	NL BK 1	1.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nevada Power	NE	North Las Vegas	NLV BK 1	22.4	18.1	18.2	18.3	18.4	18.5	18.6	18.7
Nevada Power	NE	North Las Vegas	NLV BK 3//4	44.8	29.7	33.3	35.3	35.6	35.9	37.4	39.0
Nevada Power	NW	Northwest	NW BK 4	56	40.9	43.5	45.9	48.1	50.1	52.4	54.7
Nevada Power	NW	Northwest	NW BK 5	56	40.6	42.9	44.9	46.9	48.7	50.7	52.7
Nevada Power	SW	Oasis	OA BK 1	14	7.2	7.2	7.2	7.3	7.3	7.4	7.4
Nevada Power	SW	Oasis	OA BK 2//3	28	3.3	4.9	5.4	5.4	5.5	6.0	6.6
Nevada Power	NE	Olive	OL BK 1	22.4	16.2	16.4	16.5	16.7	16.8	17.0	17.1
Nevada Power	STRIP	Oquendo	OQ BK 1	22.4	16.0	17.2	17.3	17.4	17.6	18.0	18.4
Nevada Power	STRIP	Oquendo	OQ BK 2//3	44.8	28.0	35.9	36.1	36.3	36.7	38.8	41.0
Nevada Power	NE	Pabco	PBC BK 2	14	9.5	9.6	9.6	10.6	10.7	11.0	11.3
Nevada Power	STRIP	Pawnee	PA BK 1//2	44.8	29.1	29.4	29.5	29.8	30.1	30.3	30.6
Nevada Power	SW	Peace	PCE BK 1//2	74	39.5	40.3	40.8	41.3	41.7	42.2	42.8
Nevada Power	SW	Peace	PCE BK 3	37.3	25.3	25.9	26.3	26.5	26.7	27.1	27.4
Nevada Power	SE	Pearl	PL BK 1	22.4	17.8	17.8	17.9	18.0	18.2	18.3	18.4
Nevada Power	SE	Pearl	PL BK 2//3	44.8	36.6	37.2	37.4	37.6	38.0	38.4	38.7
Nevada Power	SE	Pebble	PB BK 1//2	74.6	52.2	56.2	58.3	59.2	59.7	61.6	63.5
Nevada Power	SE	Pebble	PB BK 3	37.3	29.2	29.7	29.8	30.0	30.2	30.4	30.7
Nevada Power	NE	Pecos	PE BK 6//7	74	50.7	55.5	58.9	59.6	60.2	62.6	64.9
Nevada Power	STRIP	Polaris	POL BK 1//2	74.6	31.8	31.9	32.1	32.3	32.6	32.8	33.0
Nevada Power	STRIP	Polaris	POL BK 3	37	13.0	15.0	15.1	15.2	15.3	15.9	16.5
Nevada Power	NE	Prince	PR BK 1//2	44.8	33.1	33.3	33.5	33.7	34.1	34.3	34.5
Nevada Power	STRIP	Procyon	PRO BK 2	37	12.9	15.9	23.1	23.2	25.7	28.9	32.1
Nevada Power	STRIP	Procyon	PRO BK 3	37	6.2	6.2	6.2	6.3	6.3	6.4	6.4
Nevada Power	NE	Prospector	PRS BK 1	37.3	4.1	6.3	8.5	9.6	9.7	11.1	12.5
Nevada Power	NE	Prospector	PRS BK 2//3	74.6	8.9	29.0	36.3	36.8	37.2	44.2	51.3
Nevada Power	SW	Quail	QUL BK 1	37.3	23.0	23.9	24.3	24.5	24.7	25.2	25.6

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	Quail	QUL BK 2//3	74.3	60.5	65.6	69.7	72.4	73.9	77.2	80.5
Nevada Power	NW	Radar	RA BK 1	2.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nevada Power	SW	Railroad	RLR BK 1	37	19.1	22.7	27.7	31.9	33.4	37.0	40.6
Nevada Power	SW	Railroad	RLR BK 2//3	74	39.7	43.5	47.5	51.4	51.9	54.9	58.0
Nevada Power	NW	Rainbow	RB BK 1//2	44.8	34.2	34.6	34.8	35.1	35.4	35.7	36.0
Nevada Power	NW	Rainbow	RB BK 3	22.4	18.0	18.1	18.2	18.4	18.6	18.7	18.8
Nevada Power	SE	Ranger	RN BK 1	9.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nevada Power	SW	Red Rock	RRK BK 1//2	74	45.0	45.5	45.9	46.4	47.0	47.4	47.9
Nevada Power	NW	Regena	RGN BK 2	37	31.2	31.7	31.9	32.0	32.3	32.6	32.9
Nevada Power	SW	Riley	RLY BK 2//3	74	62.8	64.9	67.3	69.3	71.0	73.1	75.1
Nevada Power	SE	River Road	RI BK 1	22.4	13.2	13.2	13.2	13.3	13.4	13.5	13.6
Nevada Power	SE	River Road	RI BK 2	10.5	4.3	4.3	4.3	4.4	4.4	4.4	4.4
Nevada Power	SW	Robindale	ROB BK 1	37	23.9	25.8	29.1	30.8	31.1	32.9	34.8
Nevada Power	SW	Robindale	ROB BK 2//3	74	58.2	62.2	66.4	69.5	70.9	74.1	77.2
Nevada Power	SW	Rosanna	RO BK 1//2	44.8	35.2	36.0	37.1	37.2	37.5	38.0	38.6
Nevada Power	SW	Rosanna	RO BK 3	22.4	17.1	17.2	17.2	17.3	17.4	17.5	17.6
Nevada Power	SE	Russell	RS BK 1//2	74.6	52.2	53.0	53.2	53.5	53.9	54.4	54.8
Nevada Power	SE	Russell	RS BK 3	37.3	23.9	24.6	25.2	25.4	25.6	26.1	26.5
Nevada Power	SE	Sahara	SA BK 1//4	44.8	30.0	30.2	30.5	30.7	31.0	31.3	31.5
Nevada Power	SE	Sahara	SA BK 2//3	44.8	36.0	36.9	37.5	38.1	38.8	39.5	40.2
Nevada Power	STRIP	San Francisco	SF BK 1//2	35	24.5	24.5	24.6	24.7	24.9	25.0	25.2
Nevada Power	STRIP	San Francisco	SF BK 3//4	35	26.7	27.4	27.5	28.2	28.7	29.2	29.7
Nevada Power	SE	Searchlight	SE BK 1	9.3	2.9	3.3	3.3	3.4	3.4	3.5	3.7
Nevada Power	NE	Shadow	SH BK 3	6.6	3.2	3.7	4.0	4.1	4.1	4.3	4.5
Nevada Power	NE	Shadow	SH BK 4//5	44.8	28.0	28.0	30.9	31.4	31.7	32.6	33.5
Nevada Power	NW	Silver Flag	SLV BK 1	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada Power	STRIP	Sinatra	SNT BK 1	56	6.9	15.1	33.1	35.7	36.0	43.3	50.6
Nevada Power	STRIP	Sinatra	SNT BK 2	56	14.6	17.1	22.2	23.0	23.3	25.4	27.6
Nevada Power	NW	Skelton	SKL BK 1	56	42.9	42.8	43.1	43.4	43.7	44.0	44.2
Nevada Power	NW	Skelton	SKL BK 2	56	37.2	37.8	38.1	38.4	38.7	39.1	39.5
Nevada Power	NW	Snow Mountain	SN BK 1	18.6	2.0	2.0	2.0	2.8	2.9	3.1	3.4
Nevada Power	SE	Southpoint	SO BK 1	22.4	5.7	5.7	5.7	5.8	5.8	5.8	5.9
Nevada Power	SE	Southpoint	SO BK 2	22.4	5.9	5.9	5.9	5.9	6.0	6.0	6.1
Nevada Power	SW	Sparta	SPA BK 2//3	74	56.5	58.3	59.1	59.9	60.5	61.5	62.5
Nevada Power	NE	Speedway	SPD BK 1//2	74	40.9	45.2	45.5	45.8	46.2	47.5	48.8
Nevada Power	NE	Speedway	SPD BK 3	37	13.6	20.3	23.0	25.5	27.6	31.0	34.5
Nevada Power	STRIP	Spencer	SP BK 3//4	44.8	26.7	33.4	39.3	40.2	40.6	44.1	47.6
Nevada Power	STRIP	Spencer	SP BK 5	22.4	16.1	17.2	17.9	18.0	18.2	18.7	19.2
Nevada Power	SW	Spring Mountain	SM BK 1	9.3	4.4	4.4	4.5	4.5	4.6	4.6	4.6
Nevada Power	SW	Spring Valley	SV BK 1//4	44.8	22.1	22.3	22.4	22.6	22.8	23.0	23.2
Nevada Power	SW	Spring Valley	SV BK 2//3	44.8	31.4	32.3	33.6	34.3	34.7	35.5	36.3
Nevada Power	STRIP	Strip	STR BK 1	56	19.3	28.0	29.6	29.8	30.1	32.8	35.5
Nevada Power	STRIP	Strip	STR BK 2	56	16.4	16.5	16.5	16.7	16.8	16.9	17.0
Nevada Power	NW	Summerlin	SMR BK 1	56	39.1	39.2	39.6	39.9	40.2	40.5	40.8
Nevada Power	NW	Summerlin	SMR BK 2	56	35.0	35.0	35.2	35.4	35.7	35.9	36.1
Nevada Power	SE	Sunset	SUS BK 1//2	44.8	28.8	32.7	33.5	34.1	34.7	36.2	37.7
Nevada Power	SE	Sunset	SUS BK 3	22.4	19.8	23.3	26.8	28.1	28.8	31.1	33.3
Nevada Power	STRIP	Suzanne	SZ BK 1//2	74.6	42.7	44.3	46.0	46.7	47.9	49.2	50.5
Nevada Power	STRIP	Suzanne	SZ BK 3	37	15.5	15.5	15.6	15.7	15.9	16.0	16.1
Nevada Power	STRIP	Swenson	SWN BK 1//2	74	27.8	27.9	28.0	28.2	28.5	28.6	28.8
Nevada Power	STRIP	Swenson	SWN BK 3	37.3	21.4	21.4	21.5	21.7	21.9	22.0	22.2
Nevada Power	SW	Tam	TA BK 1	22.4	14.5	14.5	14.5	14.6	14.7	14.7	14.7
Nevada Power	SW	Tam	TA BK 2//3	44.8	33.4	33.8	33.9	34.1	34.4	34.7	35.0

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

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Nevada Power	NW	Tenaya	TE BK 1	37.3	18.0	18.4	18.7	18.8	18.9	19.2	19.4
Nevada Power	NW	Tenaya	TE BK 2//3	74.6	53.9	54.2	54.5	54.8	55.3	55.6	56.0
Nevada Power	SE	Tolson	TOL BK 3	56	47.5	50.0	52.0	53.0	53.4	54.9	56.4
Nevada Power	SE	Tolson	TOL BK 4	56	48.9	49.8	50.3	51.0	51.5	52.2	52.8
Nevada Power	SW	Tomsik	TOM BK 1//2	74	56.6	61.6	67.3	71.9	74.4	78.8	83.3
Nevada Power	SW	Tomsik	TOM BK 3	37	28.3	30.6	31.6	32.6	33.6	34.9	36.2
Nevada Power	NE	Tonopah	TO BK 1//2	44.8	35.8	37.2	37.9	39.4	39.8	40.8	41.8
Nevada Power	NE	Tonopah	TO BK 3	22.4	12.7	16.0	16.1	16.2	16.4	17.3	18.2
Nevada Power	NE	Tropical	TRO BK 1//2	74	57.9	58.9	59.5	60.1	60.8	61.5	62.2
Nevada Power	NE	Tropical	TRO BK 3	37	28.4	28.5	28.5	28.6	28.8	28.9	29.1
Nevada Power	STRIP	Truman	TR BK 1//2	28	13.1	19.1	19.5	19.7	19.9	21.6	23.3
Nevada Power	STRIP	Valley View	VV BK 1	22.4	15.0	18.7	19.4	19.5	19.7	20.9	22.1
Nevada Power	STRIP	Valley View	VV BK 2//3	44.8	29.4	30.3	30.4	30.6	30.9	31.3	31.7
Nevada Power	NW	Vegas	VGS BK 1//2	74.6	55.7	56.3	56.7	57.0	57.5	58.0	58.5
Nevada Power	NW	Vegas	VGS BK 3	37	22.6	23.0	23.1	23.2	23.4	23.6	23.8
Nevada Power	NW	Village	VLG BK 1	37	30.3	30.4	30.6	30.9	31.3	31.5	31.8
Nevada Power	SE	Warm Springs	WSP BK 1//2	74.6	50.1	53.8	56.6	57.7	58.4	60.5	62.6
Nevada Power	SE	Warm Springs	WSP BK 3	37.3	29.2	29.6	29.7	29.9	30.1	30.4	30.6
Nevada Power	NE	Washburn	WSH BK 1	37.3	29.1	29.2	29.3	29.5	29.7	29.9	30.1
Nevada Power	NE	Washburn	WSH BK 2//3	74.3	63.2	63.9	64.7	65.2	65.7	66.3	66.9
Nevada Power	NE	Washington	WN BK 1//2	44.8	34.4	36.1	39.4	39.6	40.0	41.4	42.8
Nevada Power	NE	Washington	WN BK 3//4	44.8	34.0	34.5	34.8	35.2	35.7	36.1	36.5
Nevada Power	SE	Water Street	WA BK 1//2	44.8	37.6	39.7	40.9	41.5	41.9	43.0	44.1
Nevada Power	SE	Water Street	WA BK 3	22.4	11.5	12.1	12.6	12.7	12.8	13.2	13.5
Nevada Power	NW	Westside	WE BK 3	37	10.4	10.4	12.2	12.3	12.4	12.9	13.5
Nevada Power	NW	Westside	WE BK 5	37.3	18.3	18.3	18.4	18.5	18.7	18.8	18.8
Nevada Power	NW	Westside	WE BK 6//7	74.6	55.5	56.0	56.5	56.8	57.3	57.7	58.2
Nevada Power	SE	Whitney	WH BK 1//2	35	30.1	32.0	32.5	32.9	33.2	34.0	34.8
Nevada Power	SE	Whitney	WH BK 3//4	35	28.3	30.1	30.7	31.2	31.7	32.5	33.4
Nevada Power	SE	Wigwam	WI BK 1//2	74.6	57.5	57.7	58.0	58.3	58.8	59.1	59.5
Nevada Power	SE	Wigwam	WI BK 3	37.3	27.7	29.3	29.5	29.7	30.0	30.6	31.2
Nevada Power	SE	Wilson	WIL BK 1	56	37.7	38.8	39.4	39.8	40.2	40.8	41.5
Nevada Power	SE	Wilson	WIL BK 2	56	43.4	44.7	45.7	46.2	46.5	47.3	48.1
Nevada Power	SE	Winterwood	WW BK 1//2	44.8	38.2	39.8	40.2	40.5	40.9	41.6	42.2
Nevada Power	SE	Winterwood	WW BK 3	22.4	13.2	13.5	13.8	14.1	14.5	14.8	15.1
Nevada Power	SE	Winterwood	WW BK 7//8	44.8	39.2	39.4	39.6	40.0	40.4	40.7	41.0
Sierra	EAST	Adobe	ADB BK 1	33.6	15.1	15.5	15.6	15.7	15.9	16.1	16.4
Sierra	EAST	Adobe	ADB BK 2	33.6	12.6	12.7	13.0	13.1	13.3	13.4	13.6
Sierra	TM	Airport	AIR BK 2	5.25	2.8	2.8	2.8	2.8	2.8	2.9	2.9
Sierra	TM	Airport	AIR BK 3	46.7	32.4	33.7	35.1	35.9	36.2	37.2	38.2
Sierra	TM	Airport	AIR BK 4	60	35.1	37.1	39.1	41.4	43.4	45.5	47.6
Sierra	EAST	Antelope Valley	ANV BK 1	14	7.3	7.3	7.3	7.4	7.4	7.5	7.5
Sierra	EAST	Antelope Valley	ANV BK 2	10.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6
Sierra	FF	Austin	AST BK 1	25	4.2	4.9	4.9	4.9	4.9	5.1	5.2
Sierra	EAST	Battle Mountain	BMT BK 2	7	6.0	6.0	6.0	6.0	6.1	6.1	6.2
Sierra	EAST	Battle Mountain	BMT BK 3	4.687	3.4	3.4	3.4	3.4	3.5	3.5	3.5
Sierra	TM	Bella Vista	BLV BK 1	33.6	22.7	23.7	24.2	24.3	24.5	25.0	25.5
Sierra	TM	Bella Vista	BLV BK 2	60	40.1	41.2	42.1	42.7	43.2	43.9	44.7
Sierra	FF	Brady's	BDY BK 1	5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Sierra	CAR	Brunswick	BWK BK 3	28	8.9	9.2	15.0	22.1	22.3	25.7	29.1
Sierra	CAR	Brunswick	BWK BK 4	28	21.4	22.0	23.0	24.0	24.8	25.7	26.6
Sierra	CAR	Buckeye	BUC BK 2	25	21.7	26.0	28.0	29.5	30.5	32.7	34.9
Sierra	EAST	Buena Vista	BVV BK 1	2.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

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Sierra	TM	California	CAL BK 1	28	16.0	17.5	19.2	20.7	21.7	23.1	24.6
Sierra	CAR	Carson	CAR BK 1	25	17.6	19.0	20.3	20.7	21.1	22.0	22.9
Sierra	CAR	Carson	CAR BK 2	25	15.7	16.6	17.0	17.4	17.8	18.3	18.8
Sierra	TM	Chukar	CHK BK 1	60	29.0	43.3	56.1	57.6	58.2	65.5	72.8
Sierra	TM	Chukar	CHK BK 2	60	12.8	12.8	18.4	24.8	31.3	35.9	40.5
Sierra	EAST	Coal Canyon	CCN BK 1	7	2.1	2.8	2.8	2.8	2.8	3.0	3.2
Sierra	CAR	Coaldale	CLD BK 1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	TM	Comstock Meadows	CMM BK 3	60	0.0	10.4	21.7	31.7	35.2	44.0	52.8
Sierra	TM	Comstock Meadows	CMM BK 4	60	17.8	33.2	39.6	46.1	48.1	55.7	63.3
Sierra	EAST	Crescent Valley	CVL BK 1	1.5	1.2	1.3	1.3	1.3	1.3	1.3	1.4
Sierra	CAR	Curry Street	CUR BK 1	14	10.2	10.5	10.7	10.9	11.0	11.1	11.3
Sierra	CAR	Curry Street	CUR BK 2	14	9.3	9.9	10.2	10.4	10.6	10.9	11.2
Sierra	CAR	Dayton	DTN BK 1	14	8.9	9.6	10.3	10.7	11.1	11.6	12.1
Sierra	CAR	Downs	DWN BK 1	28	11.2	13.7	14.5	15.1	15.3	16.3	17.3
Sierra	EAST	Dutch Flat	DHF BK 1	14	12.6	12.6	12.6	12.6	12.7	12.8	12.8
Sierra	EAST	Dutch Flat	DHF BK 2	11.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Sierra	FF	Eagle	EGL BK 2	14	9.9	10.7	10.8	10.8	11.0	11.2	11.5
Sierra	FF	Eagle	EGL BK 3	28	19.5	22.4	24.2	25.6	25.8	27.4	29.0
Sierra	EAST	Elko	EKO BK 2	2.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Sierra	CAR	Emerson	EMN BK 1	28	20.4	20.5	20.6	20.7	20.9	21.0	21.2
Sierra	FF	Empire	EMP BK 1	1	0.6	0.6	0.6	0.6	0.6	0.7	0.7
Sierra	CAR	Fairview	FVW BK 1	28	22.2	23.8	24.5	24.8	25.1	25.8	26.5
Sierra	FF	Fallon	FLN BK 1	7	4.2	4.2	4.2	4.3	4.3	4.3	4.4
Sierra	FF	Fallon	FLN BK 2	12.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	FF	Fallon	FLN BK 3	14	8.9	9.0	9.1	9.2	9.3	9.4	9.5
Sierra	FF	Fernley	FLY BK 1	28	20.0	20.9	21.0	21.2	21.5	21.8	22.2
Sierra	CAR	Fort Churchill	FTC BK 1	4.32	2.9	2.9	2.9	3.0	3.0	3.0	3.0
Sierra	TM	Fort Sage	FTS BK 2	10	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Sierra	CAR	Gabbs	GBS BK 1	4.7	3.5	3.5	3.6	3.6	3.6	3.6	3.7
Sierra	STAH	Glenbrook	GLN BK 1	5	4.3	4.5	4.5	4.6	4.7	4.8	4.9
Sierra	TM	Glendale	GLD BK 1	40	30.5	30.8	31.0	35.4	35.8	37.1	38.4
Sierra	TM	Glendale	GLD BK 2	60	35.1	38.3	43.8	44.2	44.6	47.0	49.4
Sierra	EAST	Golconda	GOL BK 1	4.687	3.0	3.1	3.1	3.2	3.2	3.2	3.3
Sierra	CAR	Goldfield	GFD BK 1	2.5	2.2	2.3	2.3	2.3	2.3	2.3	2.4
Sierra	EAST	Grass Valley	GRS BK 1	28	20.7	21.1	21.2	21.4	21.6	21.8	22.0
Sierra	TM	Greg Street	GRG BK 1	46.7	21.3	23.6	23.7	23.9	24.1	24.8	25.5
Sierra	TM	Greg Street	GRG BK 2	46.7	37.1	37.8	37.9	38.2	38.6	38.9	39.3
Sierra	TM	Greg Street	GRG BK 3	60	33.1	33.9	34.9	35.6	35.9	36.6	37.3
Sierra	CAR	Hawthorne	HAW BK 1	7	5.7	6.1	6.5	6.7	6.8	7.1	7.4
Sierra	FF	Hazen	HAZ BK 1	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Sierra	CAR	Heybourne	HEY BK 1	40	11.8	12.6	13.0	13.4	13.7	14.2	14.6
Sierra	TM	Highland^	HLD BK 1	2.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Sierra	TM	Highland^	HLD BK 2	3.125	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Sierra	TM	Holcomb	HOL BK 1	2.5	2.0	2.1	2.1	2.1	2.1	2.1	2.2
Sierra	TM	Holcomb	HOL BK 2	2.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7
Sierra	TM	Holcomb	HOL BK 3	5.26	2.9	2.9	2.9	2.9	3.0	3.0	3.0
Sierra	EAST	Humboldt House	HBH BK 1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	TM	Hunter Lake	HLS BK 1	3.125	2.5	2.5	2.5	2.5	2.5	2.5	2.6
Sierra	TM	Hunter Lake	HLS BK 2	3.125	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Sierra	EAST	Imlay	ILY BK 1	10.5	2.0	2.0	2.0	2.0	2.0	2.0	2.1
Sierra	NTAH	Incline	INC BK 1	28	26.5	27.4	28.4	30.7	31.3	32.6	33.8
Sierra	STAH	Kingsbury	KNG BK 1	12.5	9.0	9.0	9.0	9.1	9.2	9.2	9.3
Sierra	EAST	Kramer Hill	KRH BK 1	7	4.1	4.1	4.2	4.2	4.2	4.3	4.3

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Sierra	EAST	Last Chance	LCH BK 1	60	47.9	49.3	49.6	50.0	50.6	51.2	51.9
Sierra	EAST	Limerick	LIM BK 1	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
Sierra	EAST	Lone Mountain^	LNK BK 1	25	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Sierra	FF	Lonely	LNK BK 1	28	26.1	26.8	27.1	27.3	27.6	28.0	28.4
Sierra	EAST	Lovelock	LOV BK 1	2.5	1.8	1.8	1.8	1.8	1.8	1.9	1.9
Sierra	EAST	Lovelock	LOV BK 2	3.5	2.4	2.4	2.5	2.5	2.5	2.5	2.6
Sierra	EAST	Lovelock	LOV BK 3	7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Sierra	CAR	Lower Smoky Valley	LSV BK 1	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Sierra	CAR	Luning	LUN BK 1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	CAR	Manhattan	MAN BK 1	5.25	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Sierra	CAR	Mark Twain	MTW BK 1	46.7	28.3	31.6	33.4	35.3	37.0	39.1	41.3
Sierra	CAR	Mason Valley	MNV BK 1	47	19.5	23.3	23.5	23.7	23.9	25.0	26.1
Sierra	CAR	Mason Valley	MNV BK 2	47	10.8	11.0	11.1	11.1	11.3	11.4	11.5
Sierra	TM	McCarran	MCN BK 1	4.687	3.4	3.4	3.4	3.5	3.5	3.5	3.5
Sierra	EAST	McCoy Mine	MCY BK 1	4.687	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Sierra	TM	Mill Street	MIL BK 1	3.75	2.6	2.7	2.7	2.7	2.8	2.8	2.8
Sierra	TM	Mill Street	MIL BK 2	3.125	2.1	2.1	2.2	2.3	2.3	2.4	2.5
Sierra	CAR	Millers^	MLR BK 2	0.225	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	CAR	Mina	MNA BK 1	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Sierra	CAR	Minden	MIN BK 1	9.4	4.1	4.1	4.1	4.2	4.2	4.2	4.3
Sierra	TM	Mira Loma	MIR BK 3	60	44.1	47.4	49.8	51.1	51.6	53.5	55.3
Sierra	TM	Moana	MOA BK 1	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	TM	Moana	MOA BK 2	3.125	1.9	1.9	1.9	1.9	1.9	2.0	2.0
Sierra	TM	Mount Rose	MTR BK 1	40	35.1	36.0	36.7	37.5	38.2	39.0	39.8
Sierra	TM	Mount Rose	MTR BK 2	33.6	21.6	21.7	21.9	22.0	22.2	22.3	22.5
Sierra	CAR	Muller	MUR BK 1	28	21.6	23.1	23.8	24.2	24.7	25.4	26.2
Sierra	CAR	No Name Hill	NNH BK 1	1	0.0	3.1	3.2	3.2	3.2	4.0	4.8
Sierra	TM	North Red Rock	NRR BK 1	46.7	29.5	31.7	35.2	36.2	37.3	39.2	41.1
Sierra	EAST	North Valmy	NVY BK 2	25	2.8	2.8	2.9	2.9	2.9	2.9	2.9
Sierra	TM	Northwest^	NOW BK 1	60	34.2	35.0	36.3	37.0	37.3	38.1	38.9
Sierra	TM	Northwest^	NOW BK 2	60	45.9	46.8	47.3	47.8	48.2	48.8	49.4
Sierra	EAST	Osgood Valley	OSG BK 1	20	2.4	2.4	2.4	2.5	2.5	2.5	2.5
Sierra	CAR	Overland	OVL BK 1	28	17.2	19.1	21.4	23.2	23.9	25.6	27.3
Sierra	EAST	Parran	PAR BK 1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sierra	TM	Patrick	PAT BK 1	60	33.6	54.7	70.5	82.8	86.3	99.4	112.6
Sierra	CAR	Pinenut	PNT BK 1	29	25.8	26.5	26.9	27.2	27.5	27.9	28.3
Sierra	TM	Pyramid	PYD BK 1	3.125	2.3	2.3	2.3	2.3	2.3	2.3	2.4
Sierra	TM	Pyramid	PYD BK 2	3.125	0.6	0.7	0.7	0.8	0.9	0.9	1.0
Sierra	FF	Ray Couch	RYC BK 1	14	6.8	6.9	8.4	8.5	8.6	9.0	9.5
Sierra	FF	Ray Couch	RYC BK 2	14	8.6	9.0	9.0	9.1	9.2	9.4	9.5
Sierra	EAST	Red House	RED BK 1	0.28	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra	EAST	Reese River	RRV BK 1	7	4.5	5.6	5.7	5.8	5.9	6.2	6.6
Sierra	TM	Reno	RNO BK 1	6.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Sierra	TM	Reno	RNO BK 2	7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Sierra	TM	Reno	RNO BK 3	46.7	34.9	36.4	37.5	38.5	39.7	40.9	42.0
Sierra	TM	Reno	RNO BK 4	46.7	32.7	33.7	35.1	35.4	35.7	36.5	37.3
Sierra	EAST	Rose Creek	RCR BK 1	7	2.3	2.3	2.3	2.4	2.4	2.4	2.4
Sierra	STAH	Round Hill	RDH BK 1	25	20.2	21.7	22.1	22.5	22.7	23.3	23.9
Sierra	CAR	Round Mountain	RDM BK 1	20	16.5	16.5	16.6	16.7	16.9	16.9	17.0
Sierra	CAR	Round Mountain	RDM BK 2	20	15.1	15.1	15.2	15.3	15.5	15.5	15.6
Sierra	TM	Rusty Spike	RSK BK 1	46.7	29.0	30.5	31.4	31.9	32.3	33.1	33.9
Sierra	EAST	Rye Patch	RPH BK 1	1	0.7	0.7	0.8	0.8	0.8	0.8	0.8
Sierra	CAR	Sandia	SND BK 1	1.725	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 SUBSTATION TRANSFORMER PEAK FORECAST

Company	Region	Substation	Transformer	Rating (MVA)	2026	2027	2028	2029	2030	2031	2032
Sierra	EAST	Setty	STY BK 1	14	2.3	2.3	2.3	2.4	2.4	2.4	2.4
Sierra	TM	Silver Lake	SLK BK 1	13.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4
Sierra	TM	Silver Lake	SLK BK 2	46.7	41.8	42.8	43.4	44.5	45.8	46.7	47.7
Sierra	CAR	Silver Peak	SVR BK 1	7	3.3	5.7	5.7	5.8	5.8	6.5	7.1
Sierra	CAR	Silver Springs	SIL BK 1	9.375	8.1	8.6	8.9	8.9	9.0	9.3	9.5
Sierra	CAR	Smith Valley	SVL BK 1	28	16.0	16.2	16.3	16.4	16.5	16.7	16.8
Sierra	EAST	Sonoma Heights	SHT BK 1	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Sierra	EAST	Sonoma Heights	SHT BK 2	0.75	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Sierra	EAST	Sonoma Heights	SHT BK 3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sierra	TM	South Meadows	SMD BK 1	60	32.5	33.1	33.4	33.7	34.1	34.5	34.9
Sierra	TM	Spanish Springs	SSP BK 1	60	54.0	57.6	60.8	64.2	65.8	68.8	71.7
Sierra	TM	Spanish Springs	SSP BK 2	60	58.5	60.5	61.0	61.4	61.9	62.8	63.7
Sierra	TM	Sparks Industrial	SID BK 1	13.75	8.2	8.2	8.2	8.3	8.4	8.4	8.5
Sierra	CAR	Stagecoach	STA BK 1	4.2	2.8	2.9	2.9	2.9	3.0	3.0	3.1
Sierra	STAH	Stateline	STL BK 1	28	16.6	16.6	16.7	16.8	17.0	17.1	17.2
Sierra	STAH	Stateline	STL BK 3	14	9.8	9.8	9.9	10.0	10.1	10.1	10.2
Sierra	TM	Stead	STD BK 1	13.3	3.7	4.8	5.6	5.7	5.7	6.2	6.7
Sierra	TM	Stead	STD BK 2	14	3.0	3.0	3.1	3.1	3.1	3.1	3.2
Sierra	TM	Steamboat	STM BK 1	46.67	43.7	45.8	47.2	48.2	49.7	51.2	52.7
Sierra	TM	Steamboat	STM BK 2	46.7	28.9	29.4	29.6	29.9	30.3	30.6	30.9
Sierra	CAR	Stickleman	STK BK 1	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Sierra	TM	Sugarloaf	SLF BK 1	60	48.5	52.9	58.7	63.9	65.9	70.3	74.7
Sierra	TM	Sugarloaf	SLF BK 2	60	37.9	40.5	42.1	43.5	44.8	46.6	48.3
Sierra	TM	Sutro	SUT BK 1	13.75	5.8	5.8	5.8	5.9	5.9	6.0	6.0
Sierra	EAST	T Lazy S	TLS BK 1	4.687	1.8	1.9	1.9	1.9	1.9	2.0	2.0
Sierra	CAR	Topaz	TPZ BK 1	3.75	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Sierra	CAR	Topaz	TPZ BK 2	14	2.9	2.9	2.9	2.9	3.0	3.0	3.0
Sierra	EAST	Toulon	TLN BK 1	0.29	0.1	0.3	0.3	0.3	0.3	0.4	0.5
Sierra	NTAH	Truckee	TRK BK 1	14	9.8	9.8	9.9	10.0	10.1	10.1	10.2
Sierra	TM	University	UNV BK 1	4.687	0.5	0.5	0.5	0.5	0.6	0.6	0.6
Sierra	TM	Valley Road	VAL BK 2	46.7	46.8	49.6	52.0	54.3	55.5	57.7	59.9
Sierra	TM	Valley Road	VAL BK 3	46.7	19.1	22.5	24.4	24.9	25.2	26.7	28.2
Sierra	CAR	Virginia City	VCY BK 1	4.32	2.4	2.4	2.4	2.4	2.4	2.5	2.5
Sierra	FF	Wadsworth	WAD BK 1	5.25	2.6	2.6	2.6	2.6	2.7	2.7	2.7
Sierra	TM	Washoe PH	WSO BK 1	3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Sierra	TM	West 7th Street	WST BK 1	4.687	3.0	3.1	3.2	3.3	3.3	3.4	3.5
Sierra	CAR	West Tonopah	WTP BK 1	7	5.5	5.9	5.9	6.0	6.0	6.2	6.3
Sierra	FF	Westside^	WES BK 1	14	9.1	9.1	9.1	9.2	9.3	9.3	9.4
Sierra	TM	Wheeler	WLR BK 2	4.6	1.2	1.2	1.3	1.3	1.3	1.3	1.3
Sierra	EAST	Winnemucca	WIN BK 2	28	26.8	27.4	27.7	27.9	28.2	28.5	28.8
Sierra	EAST	Winnemucca	WIN BK 3	0.75	0.5	0.6	0.6	0.6	0.6	0.6	0.6

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY
2026-2032 FEEDER PEAK FORECAST

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NE	Allen	ALN1201	600	313	313	314	317	320	322	324
Nevada Power	NE	Allen	ALN1203	600	478	476	476	477	479	479	480
Nevada Power	NE	Allen	ALN1204	600	340	413	417	421	426	447	469
Nevada Power	NE	Allen	ALN1205	600	412	472	484	486	489	508	527
Nevada Power	NE	Allen	ALN1206	600	427	426	428	430	434	435	437
Nevada Power	NE	Allen	ALN1210	600	2	2	2	2	2	2	2
Nevada Power	NE	Allen	ALN1212	600	460	460	465	471	479	484	488
Nevada Power	NE	Allen	ALN1213	600	468	467	468	470	473	474	475
Nevada Power	NE	Allen	ALN1214	600	440	437	437	438	440	441	441
Nevada Power	NE	Allen	ALN1215	600	404	405	482	486	491	513	535
Nevada Power	NE	Allen	ALN1217	600	314	315	317	319	322	324	327
Nevada Power	NE	Alta	AL1202	600	463	471	475	479	482	487	492
Nevada Power	NE	Alta	AL1203	600	455	454	456	458	462	464	466
Nevada Power	NE	Alta	AL1205	600	339	373	375	377	380	390	400
Nevada Power	NE	Alta	AL1208	600	195	195	195	196	197	197	198
Nevada Power	NE	Alta	AL1209	600	438	438	440	442	445	447	449
Nevada Power	NE	Alta	AL1210	600	339	339	405	455	459	489	519
Nevada Power	NE	Alta	AL1212	556	336	358	360	364	368	376	384
Nevada Power	NE	Alta	AL1213	600	325	336	337	338	341	345	349
Nevada Power	NE	Alta	AL1214	600	296	295	296	297	299	300	301
Nevada Power	NE	Alta	AL1217	600	40	40	40	40	40	41	41
Nevada Power	NE	Alta	AL1218	600	175	175	176	178	179	180	181
Nevada Power	NE	Andrews	AND1204	600	412	484	486	490	494	515	536
Nevada Power	NE	Andrews	AND1207	600	472	472	474	477	481	483	485
Nevada Power	NE	Andrews	AND1209	600	309	308	309	310	312	313	314
Nevada Power	NE	Andrews	AND1212	600	377	487	495	498	503	535	566
Nevada Power	NE	Andrews	AND1213	600	174	173	174	174	176	176	176
Nevada Power	NE	Andrews	AND1215	600	451	452	454	458	463	465	468
Nevada Power	NE	Andrews	AND1217	600	283	288	291	292	294	297	299
Nevada Power	NW	Angel Peak	AP3402	199	21	21	21	21	22	22	22
Nevada Power	NW	Angel Peak	AP401	150	17	18	18	18	18	19	19
Nevada Power	NW	Angel Peak	AP402	150	16	16	17	17	17	17	17
Nevada Power	NW	Angel Peak	AP403	149	25	25	25	25	26	26	26
Nevada Power	SE	Anthem	ANT1201	600	369	369	370	373	376	378	379
Nevada Power	SE	Anthem	ANT1203	600	149	150	150	152	153	154	155
Nevada Power	SE	Anthem	ANT1204	600	488	491	492	493	496	498	500
Nevada Power	SE	Anthem	ANT1205	600	404	404	405	408	411	413	415
Nevada Power	SE	Anthem	ANT1207	600	498	497	498	500	504	505	507
Nevada Power	SE	Anthem	ANT1209	600	182	182	183	185	187	188	189
Nevada Power	SE	Anthem	ANT1212	600	455	467	471	475	481	488	495
Nevada Power	SE	Anthem	ANT1213	600	386	386	387	389	392	393	394
Nevada Power	SE	Anthem	ANT1214	600	402	402	404	406	409	411	413
Nevada Power	SW	Arden	AD1202	600	323	390	402	408	415	437	460
Nevada Power	SW	Arden	AD1203	600	469	485	499	518	535	551	568
Nevada Power	SW	Arden	AD1204	600	466	478	480	483	487	493	498
Nevada Power	SW	Arden	AD1205	600	513	514	516	519	524	526	529
Nevada Power	SW	Arden	AD1206	600	442	510	563	576	592	630	667
Nevada Power	SW	Arden	AD1207	600	408	417	427	433	440	448	455
Nevada Power	SW	Arden	AD1208	600	444	447	448	450	454	456	459
Nevada Power	NE	Artesian	AR1202	600	255	261	261	263	264	267	269
Nevada Power	NE	Artesian	AR1203	600	376	396	398	400	403	410	417
Nevada Power	NE	Artesian	AR1204	600	578	604	621	625	630	643	656
Nevada Power	NE	Artesian	AR1206	600	439	438	439	442	445	446	448
Nevada Power	NE	Artesian	AR1208	550	350	350	351	353	356	357	359
Nevada Power	NE	Artesian	AR1210	550	221	286	352	354	357	391	425
Nevada Power	NE	Artesian	AR1211	600	431	434	436	438	443	445	448

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NE	Artesian	AR1213	600	498	498	500	503	507	509	511
Nevada Power	NE	Artesian	AR1214	550	438	437	438	440	443	444	445
Nevada Power	NE	Artesian	AR1215	600	445	445	447	449	452	454	456
Nevada Power	SW	Avera	AVR1205	600	500	498	499	501	505	506	507
Nevada Power	SW	Avera	AVR1206	600	475	474	475	478	482	484	485
Nevada Power	SW	Avera	AVR1208	600	480	488	497	501	506	513	520
Nevada Power	SW	Avera	AVR1209	600	411	446	447	450	453	464	475
Nevada Power	SW	Avera	AVR1210	600	448	470	492	507	520	537	555
Nevada Power	SW	Avera	AVR1215	600	455	455	457	460	464	466	469
Nevada Power	SW	Avera	AVR1216	600	427	426	427	428	431	433	434
Nevada Power	SW	Avera	AVR1217	600	462	514	558	595	609	646	683
Nevada Power	SW	Avera	AVR1221	600	471	497	508	519	531	546	561
Nevada Power	SE	Balboa	BL1201	600	182	182	183	184	185	186	187
Nevada Power	SE	Balboa	BL1203	600	500	500	501	504	508	510	511
Nevada Power	SE	Balboa	BL1204	600	220	246	248	249	252	260	268
Nevada Power	SE	Balboa	BL1207	600	350	351	358	359	361	364	367
Nevada Power	SE	Balboa	BL1208	550	401	400	401	402	405	406	407
Nevada Power	SE	Balboa	BL1209	600	186	187	188	190	192	193	194
Nevada Power	SE	Balboa	BL1210	600	208	215	227	236	244	253	262
Nevada Power	SE	Balboa	BL1211	600	415	415	417	420	424	426	428
Nevada Power	NW	Beltway	BLT1201	600	220	226	228	229	231	234	237
Nevada Power	NW	Beltway	BLT1207	600	69	133	194	247	275	327	379
Nevada Power	NW	Beltway	BLT1209	600	64	80	97	114	118	131	145
Nevada Power	NW	Beltway	BLT1212	600	184	220	256	291	318	351	385
Nevada Power	NW	Beltway	BLT1213	417	230	228	226	226	226	225	224
Nevada Power	NW	Beltway	BLT1214	600	137	139	141	144	146	148	151
Nevada Power	NW	Beltway	BLT1216	600	248	276	306	336	363	391	420
Nevada Power	NW	Beltway	BLT1217	600	81	136	206	296	378	452	526
Nevada Power	NW	Beltway	BLT1218	600	414	420	422	426	430	435	439
Nevada Power	NW	Beltway	BLT1219	600	468	470	471	471	473	474	476
Nevada Power	NW	Beltway	BLT1223	600	373	375	378	382	387	390	394
Nevada Power	NW	Beltway	BLT1224	550	45	45	46	46	46	47	47
Nevada Power	SE	Bicentennial	BCT1201	600	271	285	294	296	298	305	311
Nevada Power	SE	Bicentennial	BCT1203	600	373	372	372	373	375	376	377
Nevada Power	SE	Bicentennial	BCT1204	600	380	380	382	384	387	389	391
Nevada Power	SE	Bicentennial	BCT1205	600	471	471	473	476	480	482	484
Nevada Power	SE	Bicentennial	BCT1210	600	466	466	469	473	478	482	485
Nevada Power	SE	Bicentennial	BCT1211	600	257	256	256	257	259	260	260
Nevada Power	SE	Bicentennial	BCT1213	600	183	196	205	214	224	234	244
Nevada Power	SE	Bicentennial	BCT1214	600	502	561	571	578	584	604	625
Nevada Power	SE	Bicentennial	BCT1215	600	301	323	338	347	354	367	381
Nevada Power	SE	Bicentennial	BCT1217	600	439	447	458	470	484	495	506
Nevada Power	SE	Big Bend	BGB2501	400	124	124	125	126	127	128	128
Nevada Power	SE	Big Bend	BGB2507	400	254	254	255	257	259	261	262
Nevada Power	NE	Blade Runner	BLD1202	600	3	3	3	3	3	3	3
Nevada Power	SW	Blue Diamond	BD401	600	1	1	1	1	1	1	1
Nevada Power	SW	Blue Diamond	BD402	600	1	1	1	1	1	1	1
Nevada Power	SW	Blue Diamond	BD403	600	1	1	1	1	1	1	1
Nevada Power	SW	Blue Diamond	BD404	600	1	1	1	1	1	1	1
Nevada Power	SE	Boulder Beach	BB1201	199	133	133	134	134	136	137	137
Nevada Power	SE	Burnham	BRN1201	600	361	426	472	483	487	518	550
Nevada Power	SE	Burnham	BRN1202	600	426	425	426	427	431	432	433
Nevada Power	SE	Burnham	BRN1204	600	420	428	433	438	441	447	452
Nevada Power	SE	Burnham	BRN1205	600	369	392	412	433	441	459	478
Nevada Power	SE	Burnham	BRN1206	600	367	386	388	390	394	401	407
Nevada Power	SE	Burnham	BRN1209	600	421	473	475	478	483	498	513

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SE	Burnham	BRN1210	600	230	231	232	233	235	236	237
Nevada Power	SE	Burnham	BRN1211	600	297	297	298	300	302	304	305
Nevada Power	SE	Burnham	BRN1212	600	413	427	446	462	479	496	513
Nevada Power	SE	Burnham	BRN1214	600	333	333	335	337	341	343	344
Nevada Power	SE	Cabana	CB1201	600	383	382	384	386	389	391	392
Nevada Power	SE	Cabana	CB1202	600	307	325	341	358	374	391	408
Nevada Power	SE	Cabana	CB1204	600	518	519	521	525	530	533	536
Nevada Power	SE	Cabana	CB1205	600	451	460	462	465	469	474	478
Nevada Power	SE	Cabana	CB1206	600	147	147	148	148	150	150	151
Nevada Power	SE	Cabana	CB1209	600	499	500	502	504	508	510	512
Nevada Power	SE	Cabana	CB1210	600	453	453	456	459	463	465	468
Nevada Power	SE	Cabana	CB1211	600	404	449	471	488	492	514	537
Nevada Power	SE	Cabana	CB1212	600	186	231	257	284	290	316	342
Nevada Power	SE	Cabana	CB1214	600	477	476	477	479	483	484	486
Nevada Power	SE	Cactus	CCT1201	600	391	472	487	490	495	521	547
Nevada Power	SE	Cactus	CCT1202	600	231	273	310	335	358	390	422
Nevada Power	SE	Cactus	CCT1207	600	410	410	412	415	419	421	424
Nevada Power	SE	Cactus	CCT1209	600	172	172	173	174	176	177	178
Nevada Power	SE	Cactus	CCT1211	600	353	352	357	360	363	366	368
Nevada Power	SE	Cactus	CCT1212	600	461	461	463	466	470	473	475
Nevada Power	SE	Cactus	CCT1214	600	294	295	297	299	302	304	305
Nevada Power	SE	Cactus	CCT1216	600	13	36	59	81	105	128	151
Nevada Power	SW	Camero	CMO1205	600	407	507	586	642	686	756	826
Nevada Power	SW	Camero	CMO1206	600	404	454	473	487	499	523	547
Nevada Power	SW	Camero	CMO1212	600	109	109	110	111	112	112	113
Nevada Power	SW	Camero	CMO1213	600	2	51	114	115	116	144	173
Nevada Power	NW	Canyon	CN3401	199	12	12	13	13	13	13	13
Nevada Power	NE	Carey	CA1201	600	120	120	120	121	122	123	124
Nevada Power	NE	Carey	CA1203	600	363	366	367	370	374	376	379
Nevada Power	NE	Carey	CA1207	600	438	466	477	480	484	496	508
Nevada Power	NE	Carey	CA1208	600	275	276	276	277	279	281	282
Nevada Power	NE	Carey	CA1209	600	266	265	266	267	268	269	270
Nevada Power	NE	Carey	CA1211	600	356	355	356	358	360	362	363
Nevada Power	NE	Carey	CA1212	600	303	343	344	346	349	361	372
Nevada Power	NE	Carey	CA1213	398	291	290	291	292	295	295	296
Nevada Power	NE	Carey	CA1215	600	341	345	346	348	351	353	356
Nevada Power	NE	Carey	CA1220	600	181	181	182	183	185	186	187
Nevada Power	NE	Carey	CA1221	600	4	4	4	4	4	4	4
Nevada Power	NW	Charleston	CHR1201	600	332	332	371	402	436	461	487
Nevada Power	NW	Charleston	CHR1202	600	311	316	318	321	324	328	331
Nevada Power	NW	Cheyenne	CHN1202	600	499	498	499	501	504	505	506
Nevada Power	NW	Cheyenne	CHN1204	600	385	383	384	386	389	390	391
Nevada Power	NW	Cheyenne	CHN1205	600	393	392	392	393	396	396	397
Nevada Power	NW	Cheyenne	CHN1207	600	410	428	433	435	438	445	452
Nevada Power	NW	Cheyenne	CHN1208	600	446	446	448	451	455	458	460
Nevada Power	NW	Cheyenne	CHN1210	600	232	231	232	233	235	236	237
Nevada Power	NW	Cheyenne	CHN1211	600	415	414	415	417	420	421	422
Nevada Power	NW	Cheyenne	CHN1212	600	420	420	421	423	427	429	430
Nevada Power	NW	Cheyenne	CHN1214	600	78	78	79	79	80	80	81
Nevada Power	STRIP	Claymont	CM1202	600	150	266	312	314	318	359	401
Nevada Power	STRIP	Claymont	CM1204	600	422	430	431	433	437	441	444
Nevada Power	STRIP	Claymont	CM1205	600	453	456	465	499	504	516	529
Nevada Power	STRIP	Claymont	CM1209	600	405	405	407	410	414	416	418
Nevada Power	STRIP	Claymont	CM1211	600	362	362	364	367	370	373	375
Nevada Power	STRIP	Claymont	CM1212	600	302	411	411	412	415	443	471
Nevada Power	STRIP	Claymont	CM1223	600	207	207	208	210	212	213	214

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	STRIP	Claymont	CM1224	550	341	431	438	441	445	471	497
Nevada Power	STRIP	Claymont	CM1225	550	393	393	395	398	402	404	406
Nevada Power	STRIP	Claymont	CM1228	550	338	338	340	342	346	348	350
Nevada Power	STRIP	Claymont	CM1229	600	322	364	366	368	372	385	397
Nevada Power	STRIP	Claymont	CM1230	600	106	162	224	225	227	258	288
Nevada Power	STRIP	Claymont	CM1231	600	240	240	242	243	246	247	248
Nevada Power	NW	Cold Creek	CC1202	600	119	119	120	121	122	123	123
Nevada Power	NW	Cold Creek	CC1206	600	117	117	118	119	120	121	121
Nevada Power	STRIP	Commerce	COM1205	600	173	173	174	175	177	178	179
Nevada Power	STRIP	Commerce	COM1207	600	317	317	318	321	324	326	327
Nevada Power	STRIP	Commerce	COM1216	600	426	486	488	489	491	508	524
Nevada Power	STRIP	Commerce	COM1218	600	295	355	406	410	415	445	475
Nevada Power	STRIP	Commerce	COM1219	600	454	462	463	465	469	473	477
Nevada Power	STRIP	Concourse	CON1201	600	219	224	251	407	463	524	584
Nevada Power	STRIP	Concourse	CON1203	600	386	386	405	462	485	510	535
Nevada Power	STRIP	Concourse	CON1204	600	253	253	254	256	258	260	261
Nevada Power	STRIP	Concourse	CON1205	600	303	316	318	320	323	328	333
Nevada Power	STRIP	Concourse	CON1206	600	420	419	420	422	425	426	428
Nevada Power	STRIP	Concourse	CON1209	600	157	157	158	159	161	161	162
Nevada Power	STRIP	Concourse	CON1211	600	359	473	474	477	480	511	541
Nevada Power	STRIP	Concourse	CON1212	600	4	4	4	4	4	4	4
Nevada Power	STRIP	Concourse	CON1213	600	212	218	219	221	223	225	228
Nevada Power	STRIP	Concourse	CON1214	600	2	4	4	4	4	5	5
Nevada Power	STRIP	Concourse	CON1215	600	183	183	184	185	187	188	189
Nevada Power	STRIP	Concourse	CON1217	600	442	443	445	448	452	455	458
Nevada Power	NE	Craig	CR1201	600	376	426	447	463	467	490	513
Nevada Power	NE	Craig	CR1203	600	424	519	521	525	530	556	583
Nevada Power	NE	Craig	CR1204	600	501	506	514	524	534	543	551
Nevada Power	NE	Craig	CR1205	600	363	363	364	367	370	372	374
Nevada Power	NE	Craig	CR1206	600	342	416	473	479	484	519	555
Nevada Power	NE	Craig	CR1208	600	292	297	297	299	301	303	305
Nevada Power	NE	Craig	CR1209	600	258	271	278	279	280	286	292
Nevada Power	NE	Craig	CR1211	600	449	449	451	453	457	459	461
Nevada Power	NE	Craig	CR1212	600	481	480	482	484	488	490	492
Nevada Power	NE	Craig	CR1213	600	374	375	376	379	383	385	387
Nevada Power	NE	DeBuono	DEB1203	600	340	340	341	343	346	348	350
Nevada Power	NE	DeBuono	DEB1204	600	337	337	338	341	344	346	347
Nevada Power	NE	DeBuono	DEB1210	600	293	292	292	293	295	295	295
Nevada Power	NE	DeBuono	DEB1214	600	386	385	385	387	389	390	390
Nevada Power	NE	DeBuono	DEB1215	600	393	396	399	402	406	409	413
Nevada Power	NE	DeBuono	DEB1216	600	397	396	398	400	403	405	406
Nevada Power	SW	Decatur	DE1201	600	271	271	272	274	277	278	280
Nevada Power	SW	Decatur	DE1203	600	420	430	438	441	445	451	458
Nevada Power	SW	Decatur	DE1204	600	205	304	318	320	324	353	383
Nevada Power	SW	Decatur	DE1205	600	18	18	19	19	19	19	19
Nevada Power	SW	Decatur	DE1206	600	275	275	276	277	279	280	281
Nevada Power	SW	Decatur	DE1209	600	467	467	469	472	477	479	482
Nevada Power	SW	Decatur	DE1212	600	484	483	485	488	493	495	497
Nevada Power	SW	Decatur	DE1214	600	506	524	536	540	545	555	565
Nevada Power	SW	Durango	DU1201	600	463	465	469	474	479	484	488
Nevada Power	SW	Durango	DU1203	600	498	498	500	503	508	510	512
Nevada Power	SW	Durango	DU1204	600	350	350	351	354	357	359	361
Nevada Power	SW	Durango	DU1205	600	119	136	140	141	142	148	154
Nevada Power	SW	Durango	DU1208	600	498	497	498	501	505	506	508
Nevada Power	SW	Durango	DU1209	600	509	552	576	587	595	617	638
Nevada Power	SW	Durango	DU1210	600	487	494	508	525	535	547	559

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	Durango	DU1211	600	416	415	416	418	421	422	423
Nevada Power	SW	Durango	DU1212	600	482	491	496	498	501	506	511
Nevada Power	SW	Durango	DU1215	600	5	5	5	5	5	5	5
Nevada Power	NW	El Capitan	ELC1204	600	284	294	315	333	339	352	366
Nevada Power	NW	El Capitan	ELC1205	600	357	359	359	360	362	363	365
Nevada Power	NW	El Capitan	ELC1208	600	338	362	382	402	416	436	455
Nevada Power	NW	El Capitan	ELC1209	600	457	458	465	466	468	471	473
Nevada Power	NW	El Capitan	ELC1210	600	475	485	488	489	492	496	501
Nevada Power	NW	El Capitan	ELC1215	600	552	597	623	643	664	692	720
Nevada Power	NW	El Capitan	ELC1216	600	455	461	463	465	468	471	474
Nevada Power	NW	El Capitan	ELC1217	600	565	590	599	602	606	617	627
Nevada Power	NW	El Capitan	ELC1218	600	531	573	597	621	639	666	694
Nevada Power	NW	El Capitan	ELC1221	600	261	268	269	270	272	275	277
Nevada Power	STRIP	El Rancho	ER1201	600	143	143	236	261	264	294	324
Nevada Power	STRIP	El Rancho	ER1203	600	313	345	418	421	425	453	481
Nevada Power	STRIP	El Rancho	ER1205	600	273	273	275	277	280	281	283
Nevada Power	STRIP	El Rancho	ER1207	600	69	69	70	70	71	71	72
Nevada Power	STRIP	El Rancho	ER1209	600	198	198	199	200	202	203	204
Nevada Power	STRIP	El Rancho	ER1211	550	152	381	383	385	389	448	508
Nevada Power	STRIP	El Rancho	ER1212	600	175	175	176	177	179	180	181
Nevada Power	NW	Elkhorn	ELK1201	600	235	235	236	238	240	241	242
Nevada Power	NW	Elkhorn	ELK1202	600	467	468	511	568	592	623	654
Nevada Power	NW	Elkhorn	ELK1206	600	357	356	358	361	364	366	368
Nevada Power	NW	Elkhorn	ELK1208	600	554	554	556	560	565	568	571
Nevada Power	NW	Elkhorn	ELK1209	600	491	502	507	511	516	522	528
Nevada Power	NW	Elkhorn	ELK1211	600	515	523	529	536	544	552	559
Nevada Power	NW	Elkhorn	ELK1212	600	525	525	528	532	538	541	545
Nevada Power	NW	Elkhorn	ELK1213	600	423	467	513	552	558	592	626
Nevada Power	NW	Elkhorn	ELK1214	600	417	424	431	434	438	444	449
Nevada Power	NW	Elkhorn	ELK1216	600	509	526	538	550	565	578	592
Nevada Power	NW	Elkhorn	ELK1218	600	467	467	535	577	583	612	641
Nevada Power	NW	Elkhorn	ELK1223	600	499	508	510	512	515	519	523
Nevada Power	NW	Elkhorn	ELK1224	600	316	335	338	342	348	356	364
Nevada Power	STRIP	Excalibur	EX1201	600	305	305	306	308	312	313	315
Nevada Power	STRIP	Excalibur	EX1203	600	213	213	214	215	218	219	220
Nevada Power	STRIP	Excalibur	EX1204	600	171	171	172	173	175	176	177
Nevada Power	STRIP	Excalibur	EX1205	600	292	292	294	296	299	300	302
Nevada Power	STRIP	Excalibur	EX1206	600	431	431	433	436	441	443	445
Nevada Power	STRIP	Excalibur	EX1209	600	5	5	5	5	5	5	5
Nevada Power	STRIP	Excalibur	EX1211	600	242	243	244	246	248	249	251
Nevada Power	STRIP	Excalibur	EX1212	600	62	63	63	63	64	64	65
Nevada Power	STRIP	Excalibur	EX1213	600	312	312	314	316	319	321	323
Nevada Power	STRIP	Excalibur	EX1214	600	157	157	158	159	161	162	163
Nevada Power	STRIP	Excalibur	EX1215	600	245	245	246	248	250	252	253
Nevada Power	SE	Faulkner	FLK1204	600	545	557	570	583	588	599	610
Nevada Power	SE	Faulkner	FLK1205	600	405	421	427	434	442	451	460
Nevada Power	SE	Faulkner	FLK1208	600	470	528	556	559	565	589	613
Nevada Power	SE	Faulkner	FLK1209	600	306	381	438	450	455	492	529
Nevada Power	SE	Faulkner	FLK1210	600	502	551	568	572	578	597	616
Nevada Power	SE	Faulkner	FLK1215	600	614	624	626	630	635	641	646
Nevada Power	SE	Faulkner	FLK1216	600	172	172	173	174	176	177	178
Nevada Power	SE	Faulkner	FLK1217	600	159	159	159	160	162	162	163
Nevada Power	SE	Faulkner	FLK1218	600	399	570	607	608	611	664	717
Nevada Power	SE	Faulkner	FLK1220	600	190	198	204	203	202	205	208
Nevada Power	SE	Faulkner	FLK1221	600	521	521	524	528	533	536	539
Nevada Power	SE	Faulkner	FLK1224	600	317	384	428	470	509	557	606

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SE	Faulkner	FLK1226	600	440	462	467	473	479	489	499
Nevada Power	SE	Faulkner	FLK1227	600	551	551	551	553	556	557	558
Nevada Power	STRIP	Flamingo	FL1202	600	412	412	414	417	421	424	426
Nevada Power	STRIP	Flamingo	FL1203	600	164	164	165	166	168	169	170
Nevada Power	STRIP	Flamingo	FL1206	600	138	138	138	139	141	142	142
Nevada Power	STRIP	Flamingo	FL1207	600	0	0	0	0	52	65	78
Nevada Power	STRIP	Flamingo	FL1208	600	182	182	183	184	186	187	188
Nevada Power	STRIP	Flamingo	FL1209	600	129	129	130	131	132	133	134
Nevada Power	STRIP	Flamingo	FL1211	556	122	122	122	123	124	125	126
Nevada Power	STRIP	Flamingo	FL1212	556	298	326	360	424	429	461	494
Nevada Power	SE	Ford	FRD1204	600	474	478	479	482	486	489	492
Nevada Power	SE	Ford	FRD1208	600	413	420	422	425	429	433	437
Nevada Power	SE	Ford	FRD1209	600	43	89	97	98	99	113	127
Nevada Power	SE	Ford	FRD1210	600	392	393	395	397	401	404	406
Nevada Power	SE	Ford	FRD1216	600	301	339	370	418	466	507	548
Nevada Power	SE	Ford	FRD1217	600	306	319	330	332	336	343	351
Nevada Power	SE	Ford	FRD1218	600	519	524	530	535	541	547	553
Nevada Power	SE	Ford	FRD1220	600	375	382	390	397	406	414	422
Nevada Power	SE	Ford	FRD1221	600	450	449	450	452	455	457	458
Nevada Power	SW	Frias	FRS1204	600	285	301	308	315	324	333	343
Nevada Power	SW	Frias	FRS1206	600	517	521	522	525	530	533	537
Nevada Power	SW	Frias	FRS1210	600	430	446	457	469	482	495	508
Nevada Power	SW	Frias	FRS1211	600	507	505	506	508	511	512	513
Nevada Power	SW	Frias	FRS1212	600	496	495	496	499	503	505	507
Nevada Power	SW	Frias	FRS1214	600	504	506	510	516	521	526	530
Nevada Power	SW	Frias	FRS1215	600	513	557	587	614	641	673	705
Nevada Power	SW	Frias	FRS1217	600	514	517	521	527	532	536	541
Nevada Power	STRIP	Garces	GA1201	470	346	346	347	350	353	355	357
Nevada Power	STRIP	Garces	GA1202	470	177	177	178	179	181	182	183
Nevada Power	STRIP	Garces	GA1204	600	118	118	118	119	120	121	122
Nevada Power	STRIP	Garces	GA1205	600	277	296	297	299	301	308	314
Nevada Power	STRIP	Garces	GA1206	600	441	441	443	446	451	453	456
Nevada Power	STRIP	Garces	GA1209	600	126	126	126	127	129	129	130
Nevada Power	STRIP	Garces	GA1210	600	202	202	203	204	206	207	208
Nevada Power	NE	Gilmore	GLM1201	600	500	501	505	509	515	518	522
Nevada Power	NE	Gilmore	GLM1203	600	325	451	454	457	462	496	530
Nevada Power	NE	Gilmore	GLM1204	600	441	460	462	465	469	476	483
Nevada Power	NE	Gilmore	GLM1205	600	406	405	407	409	413	415	417
Nevada Power	NE	Gilmore	GLM1206	600	468	467	470	473	478	480	483
Nevada Power	NE	Gilmore	GLM1211	600	521	520	522	525	529	531	533
Nevada Power	SW	Goodsprings	GS1201	99	17	17	18	18	18	18	18
Nevada Power	SW	Goodsprings	GS1202	99	15	16	16	16	16	17	17
Nevada Power	NE	Grand Teton	GTT1207	600	379	380	382	384	388	391	393
Nevada Power	NE	Grand Teton	GTT1208	600	425	434	442	451	458	467	475
Nevada Power	NE	Grand Teton	GTT1212	600	365	363	363	364	366	367	367
Nevada Power	NE	Grand Teton	GTT1213	600	411	428	455	458	463	475	488
Nevada Power	NE	Grand Teton	GTT1214	600	76	173	294	417	529	642	755
Nevada Power	SE	Green Valley	GV1201	550	414	414	416	418	422	423	425
Nevada Power	SE	Green Valley	GV1203	550	438	437	438	440	444	445	446
Nevada Power	SE	Green Valley	GV1204	600	521	521	523	527	532	535	537
Nevada Power	SE	Green Valley	GV1207	600	345	378	404	415	419	437	456
Nevada Power	SE	Green Valley	GV1208	600	468	468	470	474	478	481	484
Nevada Power	SE	Green Valley	GV1209	600	406	475	483	486	492	513	535
Nevada Power	SE	Green Valley	GV1210	600	451	452	454	458	462	465	468
Nevada Power	SE	Green Valley	GV1211	550	425	425	426	428	431	432	434
Nevada Power	SE	Green Valley	GV1212	550	235	234	235	237	239	240	241

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SE	Green Valley	GV1214	550	370	369	370	372	375	377	378
Nevada Power	SE	Greenway	GNW1203	600	316	315	315	316	318	319	320
Nevada Power	SE	Greenway	GNW1205	600	366	384	394	397	401	410	419
Nevada Power	SE	Greenway	GNW1206	600	405	405	406	409	413	415	417
Nevada Power	SE	Greenway	GNW1207	600	385	385	386	388	391	392	394
Nevada Power	SE	Greenway	GNW1209	600	441	447	449	452	456	460	464
Nevada Power	NE	Gypsum	GYP1203	600	181	613	704	713	720	855	990
Nevada Power	NE	Gypsum	GYP1208	600	526	596	663	732	775	837	899
Nevada Power	NE	Gypsum	GYP1210	600	279	291	293	295	298	302	307
Nevada Power	NE	Gypsum	GYP1211	600	173	368	389	392	396	452	508
Nevada Power	NE	Gypsum	GYP1212	600	103	234	275	277	280	324	368
Nevada Power	SE	Haven	HV1202	600	516	515	517	520	524	527	529
Nevada Power	SE	Haven	HV1203	600	423	422	422	424	427	428	429
Nevada Power	SE	Haven	HV1204	600	469	507	524	527	531	546	562
Nevada Power	SE	Haven	HV1205	600	294	329	353	379	383	405	428
Nevada Power	SE	Haven	HV1206	600	365	413	459	484	488	519	550
Nevada Power	SE	Haven	HV1209	600	498	520	522	525	530	538	547
Nevada Power	SE	Haven	HV1210	600	177	187	188	189	191	195	198
Nevada Power	SE	Haven	HV1211	600	402	456	457	459	463	478	493
Nevada Power	SE	Haven	HV1212	600	337	423	425	428	433	456	480
Nevada Power	SE	Haven	HV1213	600	342	398	403	407	411	428	445
Nevada Power	STRIP	Highland	HI1201	470	147	147	148	149	151	151	152
Nevada Power	STRIP	Highland	HI1202	470	231	233	234	236	238	240	242
Nevada Power	STRIP	Highland	HI1203	550	62	280	291	293	296	354	413
Nevada Power	STRIP	Highland	HI1205	470	196	196	197	199	201	202	203
Nevada Power	STRIP	Highland	HI1206	550	421	434	435	437	440	445	449
Nevada Power	STRIP	Highland	HI1209	600	6	6	6	6	6	6	6
Nevada Power	STRIP	Highland	HI1210	550	105	118	119	119	121	125	129
Nevada Power	STRIP	Highland	HI1211	550	345	364	365	367	371	377	384
Nevada Power	STRIP	Highland	HI1214	550	346	346	440	467	472	503	535
Nevada Power	STRIP	Highland	HI1215	600	128	128	129	130	131	132	133
Nevada Power	STRIP	Highland	HI1216	470	262	262	263	265	268	269	271
Nevada Power	STRIP	Highland	HI1217	550	146	146	147	148	149	150	151
Nevada Power	STRIP	Highland	HI1219	600	12	12	12	12	12	12	12
Nevada Power	STRIP	Highland	HI1220	600	431	479	481	483	488	502	516
Nevada Power	STRIP	Highland	HI1222	600	136	201	219	221	223	245	267
Nevada Power	STRIP	Highland	HI1224	600	174	175	175	177	178	179	180
Nevada Power	STRIP	Highland	HI1225	600	162	162	163	164	165	166	167
Nevada Power	STRIP	Highland	HI1226	600	202	223	224	225	228	234	240
Nevada Power	STRIP	Highland	HI1228	470	128	128	128	129	131	131	132
Nevada Power	STRIP	Highland	HI1261	600	5	5	5	5	5	5	6
Nevada Power	STRIP	Highland	HI1263	600	4	4	4	4	4	4	4
Nevada Power	STRIP	Highland	HI1265	600	3	3	3	3	4	4	4
Nevada Power	STRIP	Highland	HI1267	600	4	4	4	4	4	4	4
Nevada Power	NW	Hualapai	HU1201	600	451	450	452	455	459	461	462
Nevada Power	NW	Hualapai	HU1202	600	442	442	444	447	452	454	456
Nevada Power	NW	Hualapai	HU1204	550	411	411	412	414	418	420	421
Nevada Power	NW	Hualapai	HU1205	600	287	347	383	386	390	416	442
Nevada Power	NW	Hualapai	HU1206	600	386	386	388	391	395	397	399
Nevada Power	NW	Hualapai	HU1209	550	313	313	314	316	319	321	322
Nevada Power	NW	Hualapai	HU1210	550	301	301	302	303	306	307	308
Nevada Power	NW	Hualapai	HU1211	600	260	263	265	267	270	272	275
Nevada Power	NW	Hualapai	HU1212	600	425	424	426	428	431	433	434
Nevada Power	NW	Hualapai	HU1214	600	277	279	281	283	286	288	290
Nevada Power	NW	Indian Springs	IS1204	600	274	274	274	275	277	278	278
Nevada Power	NW	Indian Springs	IS401	199	3	3	3	3	3	3	4

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NW	Indian Springs	IS402	206	75	90	169	207	210	244	277
Nevada Power	NW	Indian Springs	IS403	298	282	309	336	360	379	404	428
Nevada Power	NW	Iron Mountain	IMT1201	600	427	435	443	451	461	469	478
Nevada Power	NW	Iron Mountain	IMT1203	600	361	362	365	368	373	376	378
Nevada Power	NW	Iron Mountain	IMT1204	600	251	249	248	248	248	248	247
Nevada Power	NW	Iron Mountain	IMT1205	600	381	402	407	409	413	421	429
Nevada Power	NW	Iron Mountain	IMT1206	600	180	180	181	182	184	185	187
Nevada Power	NW	Iron Mountain	IMT1209	600	2	2	2	2	2	2	2
Nevada Power	NW	Iron Mountain	IMT1211	600	486	488	494	502	510	516	522
Nevada Power	NW	Iron Mountain	IMT1212	600	537	535	535	537	540	540	541
Nevada Power	SW	Jean	JN1207	600	95	345	349	351	355	420	485
Nevada Power	SW	Jean	JN1208	600	11	12	12	12	12	12	12
Nevada Power	SE	Keehn	KHN1201	600	460	463	466	469	474	477	480
Nevada Power	SE	Keehn	KHN1203	600	51	93	106	109	110	124	139
Nevada Power	SE	Keehn	KHN1204	600	60	60	61	61	62	63	63
Nevada Power	SE	Keehn	KHN1205	600	42	42	42	42	43	43	43
Nevada Power	SE	Keehn	KHN1206	600	415	477	481	486	492	511	530
Nevada Power	SE	Keehn	KHN1210	600	405	413	415	417	421	425	430
Nevada Power	SE	Keehn	KHN1211	600	411	502	559	574	580	622	665
Nevada Power	SE	Keehn	KHN1212	600	235	242	245	248	251	255	259
Nevada Power	SE	Keehn	KHN1213	600	175	261	337	340	343	385	427
Nevada Power	SE	Keehn	KHN1214	600	169	169	170	171	173	173	174
Nevada Power	SE	Keehn	KHN1215	600	113	160	183	184	186	204	222
Nevada Power	SE	Keehn	KHN1217	600	109	120	124	125	126	130	134
Nevada Power	SE	Kidwell	KH1201	149	2	2	2	2	2	2	2
Nevada Power	SE	Kidwell	KH1202	149	45	57	57	58	58	62	65
Nevada Power	NW	Kyle Canyon	KC1201	298	54	62	80	80	82	88	95
Nevada Power	SE	Lake Las Vegas	LLV1201	600	303	306	322	341	361	375	390
Nevada Power	SE	Lake Las Vegas	LLV1203	600	434	454	462	467	473	483	493
Nevada Power	SE	Lake Las Vegas	LLV1205	600	272	350	363	377	389	418	447
Nevada Power	SE	Lake Las Vegas	LLV1206	600	340	358	372	384	398	412	426
Nevada Power	SE	Lake Las Vegas	LLV1209	600	116	291	346	377	403	474	546
Nevada Power	SE	Lake Las Vegas	LLV1210	600	226	329	416	485	528	604	680
Nevada Power	SE	Lake Las Vegas	LLV1213	600	3	10	20	32	43	52	62
Nevada Power	SE	Larson	LRS1201	600	226	239	254	256	258	266	274
Nevada Power	SE	Larson	LRS1206	600	5	15	15	15	15	18	21
Nevada Power	SE	Larson	LRS1207	600	156	176	186	190	192	201	210
Nevada Power	SE	Larson	LRS1208	600	297	421	427	431	435	470	504
Nevada Power	SE	Larson	LRS1211	600	467	467	470	473	478	480	483
Nevada Power	SE	Larson	LRS1212	600	158	166	297	363	431	500	568
Nevada Power	SE	Larson	LRS1213	600	244	247	255	263	272	279	286
Nevada Power	NE	Leavitt	LVT1201	600	329	392	406	409	412	433	453
Nevada Power	NE	Leavitt	LVT1203	600	298	435	439	444	450	488	526
Nevada Power	NE	Leavitt	LVT1204	600	505	525	531	534	538	546	555
Nevada Power	NE	Leavitt	LVT1205	600	416	434	438	442	447	455	463
Nevada Power	NE	Leavitt	LVT1206	600	443	448	458	459	462	467	472
Nevada Power	NE	Leavitt	LVT1209	600	324	382	433	436	440	469	498
Nevada Power	NE	Leavitt	LVT1212	600	419	634	676	681	688	755	822
Nevada Power	NE	Leavitt	LVT1213	600	360	396	412	414	418	432	447
Nevada Power	NE	Leavitt	LVT1214	600	79	86	97	107	118	128	138
Nevada Power	NE	Leavitt	LVT1215	600	421	424	426	428	432	435	437
Nevada Power	STRIP	Lewis	LE402	600	106	106	107	108	109	109	110
Nevada Power	STRIP	Lewis	LE404	600	43	43	43	44	44	44	45
Nevada Power	NE	Lincoln	LCN1203	600	343	357	360	369	379	388	397
Nevada Power	NE	Lincoln	LCN1204	600	387	484	487	490	495	522	549
Nevada Power	NE	Lincoln	LCN1205	600	149	204	228	230	232	253	273

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NE	Lincoln	LCN1206	600	329	393	404	413	417	439	461
Nevada Power	NE	Lincoln	LCN1210	600	396	410	439	442	446	459	471
Nevada Power	NE	Lincoln	LCN1212	600	13	14	14	14	14	14	14
Nevada Power	NE	Lincoln	LCN1213	600	433	432	433	436	440	441	443
Nevada Power	NE	Lincoln	LCN1214	600	409	413	413	415	418	420	422
Nevada Power	SW	Lindell	LH1202	600	429	429	431	434	438	441	443
Nevada Power	SW	Lindell	LH1204	600	361	377	388	413	455	479	503
Nevada Power	SW	Lindell	LH1207	600	342	342	344	351	358	361	365
Nevada Power	SW	Lindell	LH1208	600	111	118	119	120	121	124	127
Nevada Power	SW	Lindell	LH1211	600	403	404	407	410	414	417	420
Nevada Power	SW	Lindell	LH1212	600	94	97	104	108	109	113	117
Nevada Power	SW	Lindell	LH1213	600	215	219	234	236	238	244	250
Nevada Power	SW	Lindell	LH1220	600	211	387	459	462	466	530	594
Nevada Power	SE	Lindquist	LDQ1203	600	490	493	496	500	503	506	509
Nevada Power	SE	Lindquist	LDQ1204	600	420	440	448	452	457	466	476
Nevada Power	SE	Lindquist	LDQ1205	600	3	5	7	7	7	8	10
Nevada Power	SE	Lindquist	LDQ1208	600	329	329	331	333	337	339	341
Nevada Power	SE	Lindquist	LDQ1210	600	274	275	276	278	281	282	284
Nevada Power	SE	Lindquist	LDQ1215	600	324	328	330	332	336	339	342
Nevada Power	SE	Lindquist	LDQ1216	600	476	475	476	479	483	484	486
Nevada Power	NW	Lone Mountain	LMT1201	600	0	0	0	0	0	1	1
Nevada Power	NW	Lone Mountain	LMT1203	600	510	529	537	542	548	557	567
Nevada Power	NW	Lone Mountain	LMT1204	600	498	497	499	503	507	509	512
Nevada Power	NW	Lone Mountain	LMT1213	600	437	480	518	557	591	629	668
Nevada Power	NW	Lone Mountain	LMT1215	600	393	393	395	397	401	403	406
Nevada Power	NW	Lorenzi	LO1201	600	310	310	310	311	313	313	314
Nevada Power	NW	Lorenzi	LO1203	600	458	465	466	468	472	475	479
Nevada Power	NW	Lorenzi	LO1204	600	436	435	435	437	439	440	441
Nevada Power	NW	Lorenzi	LO1207	600	464	473	476	477	479	483	487
Nevada Power	NW	Lorenzi	LO1208	600	450	448	449	451	454	455	456
Nevada Power	NW	Lorenzi	LO1209	600	540	538	539	542	546	548	549
Nevada Power	NW	Lorenzi	LO1210	550	437	473	520	526	533	557	582
Nevada Power	NW	Lorenzi	LO1211	600	472	475	480	481	483	486	489
Nevada Power	NW	Lorenzi	LO1212	600	321	340	365	391	403	424	444
Nevada Power	NW	Lorenzi	LO1214	600	402	407	409	411	414	418	421
Nevada Power	STRIP	Lynnwood	LY1202	600	382	389	391	393	397	401	405
Nevada Power	STRIP	Lynnwood	LY1204	600	327	327	328	331	334	336	338
Nevada Power	STRIP	Lynnwood	LY1205	600	198	234	236	237	240	250	260
Nevada Power	STRIP	Lynnwood	LY1208	600	245	303	317	319	323	342	361
Nevada Power	STRIP	Lynnwood	LY1209	600	155	155	156	157	158	159	160
Nevada Power	SE	Magic Way	MAG1209	600	530	532	533	536	540	542	545
Nevada Power	SE	Magic Way	MAG1210	600	385	387	390	394	398	401	404
Nevada Power	STRIP	Mayfair	MA1211	600	283	298	299	301	304	309	314
Nevada Power	STRIP	Mayfair	MA1212	600	377	439	441	444	449	466	484
Nevada Power	STRIP	Mayfair	MA1213	600	464	492	495	498	503	513	523
Nevada Power	STRIP	Mayfair	MA1215	600	356	390	392	395	399	410	421
Nevada Power	STRIP	Mayfair	MA1216	600	267	272	273	275	278	280	283
Nevada Power	STRIP	Mayfair	MA1218	600	316	443	445	448	452	486	520
Nevada Power	STRIP	Mayfair	MA401	550	190	190	191	192	194	195	196
Nevada Power	STRIP	Mayfair	MA402	550	285	286	287	289	292	294	296
Nevada Power	SW	McDonald	MCD1205	600	358	375	377	380	384	390	396
Nevada Power	SW	McDonald	MCD1207	600	359	364	370	374	376	380	385
Nevada Power	SW	McDonald	MCD1208	600	392	485	536	566	572	617	662
Nevada Power	SW	McDonald	MCD1210	600	488	514	521	527	534	546	557
Nevada Power	SW	McDonald	MCD1216	600	464	489	492	495	501	510	519
Nevada Power	SW	McDonald	MCD1217	600	387	387	452	484	517	549	582

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	McDonald	MCD1218	600	390	442	470	475	505	534	563
Nevada Power	SW	McDonald	MCD1219	600	345	351	353	355	358	362	365
Nevada Power	SW	McDonald	MCD1220	600	421	420	422	425	429	431	433
Nevada Power	STRIP	MGM	MGM1217	600	193	193	194	196	198	199	200
Nevada Power	STRIP	MGM	MGM1218	600	264	264	265	267	270	271	273
Nevada Power	NW	Michael Way	MW1201	600	242	242	242	244	246	246	247
Nevada Power	NW	Michael Way	MW1202	600	308	326	462	476	480	523	566
Nevada Power	NW	Michael Way	MW1204	550	463	463	464	466	469	471	472
Nevada Power	NW	Michael Way	MW1207	600	500	507	516	525	536	545	554
Nevada Power	NW	Michael Way	MW1209	600	260	260	261	273	292	300	308
Nevada Power	NW	Michael Way	MW1211	600	372	373	389	394	397	404	410
Nevada Power	NW	Michael Way	MW1213	600	364	370	375	376	379	383	387
Nevada Power	NE	Miller	MI1202	550	281	282	284	286	288	290	292
Nevada Power	NE	Miller	MI1203	550	347	487	539	550	555	607	659
Nevada Power	NE	Miller	MI1206	550	408	464	469	475	482	501	519
Nevada Power	NE	Miller	MI1207	600	427	453	455	459	463	472	481
Nevada Power	NE	Miller	MI1208	550	185	185	186	187	189	190	191
Nevada Power	SE	Mission	MS1201	600	114	159	204	250	296	342	387
Nevada Power	SE	Mission	MS1203	600	455	455	457	460	464	466	468
Nevada Power	SE	Mission	MS1204	600	323	330	339	348	355	364	372
Nevada Power	SE	Mission	MS1205	600	457	468	479	491	504	516	527
Nevada Power	SE	Mission	MS1206	600	300	348	384	396	400	425	450
Nevada Power	SE	Mission	MS1209	600	97	101	102	102	103	105	106
Nevada Power	SE	Mission	MS1210	600	426	435	436	438	440	444	448
Nevada Power	SE	Mission	MS1212	600	319	327	335	343	348	355	363
Nevada Power	SE	Mission	MS1213	600	201	201	202	203	205	206	207
Nevada Power	SE	Mission	MS1214	600	374	374	376	378	382	384	386
Nevada Power	SW	Mountains Edge	MTE1206	600	476	483	486	489	494	498	502
Nevada Power	SW	Mountains Edge	MTE1211	600	504	506	507	508	512	514	516
Nevada Power	SW	Mountains Edge	MTE1212	600	520	522	529	536	542	547	552
Nevada Power	SW	Mountains Edge	MTE1213	600	476	475	476	478	481	483	484
Nevada Power	SW	Mountains Edge	MTE1214	600	371	371	385	442	447	466	485
Nevada Power	SW	Mountains Edge	MTE1215	600	521	529	538	541	546	552	558
Nevada Power	SW	Mountains Edge	MTE1217	600	457	463	471	477	482	489	495
Nevada Power	SW	MYS	MYS1201	600	1	1	1	1	1	1	1
Nevada Power	SW	MYS	MYS1202	600	286	318	352	384	388	414	439
Nevada Power	SW	MYS	MYS1203	600	259	300	342	384	388	420	452
Nevada Power	SW	MYS	MYS1205	600	322	342	363	384	388	405	422
Nevada Power	SW	MYS	MYS1206	600	267	305	345	384	388	418	448
Nevada Power	SW	MYS	MYS1207	600	282	315	350	384	388	414	441
Nevada Power	SW	MYS	MYS1208	600	280	314	349	384	388	415	442
Nevada Power	SW	MYS	MYS1209	600	238	283	329	374	378	413	448
Nevada Power	SW	MYS	MYS1211	600	1	2	2	2	2	2	2
Nevada Power	SW	MYS	MYS1212	600	267	305	345	384	388	419	449
Nevada Power	SW	MYS	MYS1214	600	270	307	346	384	388	417	446
Nevada Power	SW	MYS	MYS1215	600	2	2	2	2	2	2	2
Nevada Power	SW	MYS	MYS1216	600	274	310	347	384	388	416	444
Nevada Power	SW	MYS	MYS1218	600	509	509	511	515	520	522	525
Nevada Power	SE	National Park Service	NPS401	150	15	16	16	16	16	17	17
Nevada Power	NE	Nellis	NS1203	600	168	181	194	195	197	205	212
Nevada Power	NE	Nellis	NS1204	600	6	6	6	6	6	7	7
Nevada Power	NE	Nellis	NS1205	600	289	302	313	315	319	326	334
Nevada Power	NE	Nellis	NS1206	600	275	392	435	471	494	549	603
Nevada Power	NE	Nellis	NS1210	600	167	359	411	414	418	481	544
Nevada Power	NE	Nellis	NS1211	600	364	427	482	506	523	562	602
Nevada Power	SE	Nelson	NL1201	99	9	9	9	9	9	9	10

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NE	North Las Vegas	NLV1202	530	462	463	464	466	470	471	473
Nevada Power	NE	North Las Vegas	NLV1203	530	420	425	426	429	432	436	439
Nevada Power	NE	North Las Vegas	NLV1204	600	246	310	353	359	362	391	420
Nevada Power	NE	North Las Vegas	NLV1209	600	336	336	384	386	389	402	415
Nevada Power	NE	North Las Vegas	NLV1210	600	438	437	438	440	444	445	446
Nevada Power	NE	North Las Vegas	NLV1211	556	406	407	409	411	415	417	420
Nevada Power	NE	North Las Vegas	NLV1212	600	24	125	125	126	127	153	179
Nevada Power	NW	Northwest	NW1204	600	347	417	435	452	471	502	533
Nevada Power	NW	Northwest	NW1205	600	326	344	383	426	467	502	537
Nevada Power	NW	Northwest	NW1206	600	487	496	505	515	526	536	546
Nevada Power	NW	Northwest	NW1208	600	468	472	474	478	482	486	490
Nevada Power	NW	Northwest	NW1209	600	342	357	400	432	450	477	504
Nevada Power	NW	Northwest	NW1215	600	234	239	240	240	241	243	245
Nevada Power	NW	Northwest	NW1216	600	470	489	502	514	527	541	555
Nevada Power	NW	Northwest	NW1217	600	499	504	507	510	515	519	523
Nevada Power	NW	Northwest	NW1220	600	394	414	440	468	487	510	533
Nevada Power	NW	Northwest	NW1221	600	315	374	424	475	520	571	622
Nevada Power	SW	Oasis	OA1203	600	177	177	178	179	181	182	183
Nevada Power	SW	Oasis	OA1204	600	171	172	172	174	175	176	177
Nevada Power	SW	Oasis	OA1205	600	6	83	104	105	106	131	156
Nevada Power	SW	Oasis	OA1206	600	155	155	156	157	159	160	161
Nevada Power	NE	Olive	OL1202	556	256	269	270	272	275	280	284
Nevada Power	NE	Olive	OL1203	600	493	493	495	499	504	506	509
Nevada Power	STRIP	Oquendo	OQ1203	600	368	385	387	389	393	400	406
Nevada Power	STRIP	Oquendo	OQ1204	600	143	143	144	145	146	147	148
Nevada Power	STRIP	Oquendo	OQ1206	600	268	306	307	309	313	324	335
Nevada Power	STRIP	Oquendo	OQ1209	470	315	316	318	320	323	325	327
Nevada Power	STRIP	Oquendo	OQ1210	470	245	312	313	315	317	335	354
Nevada Power	STRIP	Oquendo	OQ1211	600	170	456	458	461	466	540	614
Nevada Power	STRIP	Oquendo	OQ1213	550	273	285	287	289	291	296	301
Nevada Power	STRIP	Oquendo	OQ1214	550	337	337	339	341	345	346	348
Nevada Power	NE	Pabco	PBC1206	600	367	367	369	372	376	378	380
Nevada Power	NE	Pabco	PBC1208	600	72	76	76	117	118	130	141
Nevada Power	STRIP	Pawnee	PA1202	600	496	497	499	503	509	512	515
Nevada Power	STRIP	Pawnee	PA1203	600	1	1	1	1	1	1	1
Nevada Power	STRIP	Pawnee	PA1204	550	309	317	319	321	325	329	333
Nevada Power	STRIP	Pawnee	PA1206	550	244	244	245	247	249	251	252
Nevada Power	STRIP	Pawnee	PA1207	600	151	152	152	153	155	156	157
Nevada Power	STRIP	Pawnee	PA1208	550	313	318	320	322	326	329	332
Nevada Power	SW	Peace	PCE1204	600	291	302	305	307	311	316	321
Nevada Power	SW	Peace	PCE1206	600	399	399	400	403	406	408	410
Nevada Power	SW	Peace	PCE1209	600	442	442	444	448	453	455	458
Nevada Power	SW	Peace	PCE1211	600	433	448	453	456	460	467	473
Nevada Power	SW	Peace	PCE1213	600	269	279	290	302	304	313	322
Nevada Power	SW	Peace	PCE1214	600	451	450	451	453	456	457	458
Nevada Power	SW	Peace	PCE1215	600	395	396	399	402	407	410	413
Nevada Power	SW	Peace	PCE1217	600	354	382	398	401	405	417	430
Nevada Power	SE	Pearl	PL1201	600	402	402	405	407	412	414	416
Nevada Power	SE	Pearl	PL1202	600	435	435	438	441	446	449	452
Nevada Power	SE	Pearl	PL1206	600	450	462	465	468	473	479	484
Nevada Power	SE	Pearl	PL1209	600	352	361	363	366	369	374	378
Nevada Power	SE	Pearl	PL1211	600	143	144	145	146	147	148	150
Nevada Power	SE	Pearl	PL1213	600	416	416	418	421	425	428	430
Nevada Power	SE	Pearl	PL1214	550	441	444	446	449	454	457	460
Nevada Power	SE	Pebble	PB1201	600	489	489	491	494	499	501	503
Nevada Power	SE	Pebble	PB1203	600	351	404	450	466	469	498	528

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SE	Pebble	PB1204	600	279	380	426	442	446	488	529
Nevada Power	SE	Pebble	PB1205	600	508	508	511	514	520	522	525
Nevada Power	SE	Pebble	PB1209	600	398	399	400	402	405	406	408
Nevada Power	SE	Pebble	PB1210	600	410	437	439	442	446	455	464
Nevada Power	SE	Pebble	PB1211	600	370	394	398	402	406	415	424
Nevada Power	SE	Pebble	PB1212	600	477	475	476	478	481	483	484
Nevada Power	SE	Pebble	PB1213	600	518	516	517	519	522	523	524
Nevada Power	NE	Pecos	PE1201	600	248	290	295	299	302	316	329
Nevada Power	NE	Pecos	PE1202	600	164	203	222	235	239	257	276
Nevada Power	NE	Pecos	PE1207	600	432	442	447	450	455	460	466
Nevada Power	NE	Pecos	PE1208	600	457	456	457	460	463	465	467
Nevada Power	NE	Pecos	PE1209	600	466	464	464	466	469	469	470
Nevada Power	NE	Pecos	PE1211	600	280	376	498	502	508	565	622
Nevada Power	NE	Pecos	PE1212	600	422	464	467	471	476	490	503
Nevada Power	STRIP	Polaris	POL1201	600	298	298	300	302	305	307	308
Nevada Power	STRIP	Polaris	POL1203	600	334	334	335	338	341	343	345
Nevada Power	STRIP	Polaris	POL1204	600	270	270	271	273	276	277	279
Nevada Power	STRIP	Polaris	POL1205	600	107	107	108	109	110	110	111
Nevada Power	STRIP	Polaris	POL1209	600	2	2	2	2	2	2	2
Nevada Power	STRIP	Polaris	POL1210	600	95	95	95	96	97	98	98
Nevada Power	STRIP	Polaris	POL1211	600	383	384	386	388	392	395	397
Nevada Power	STRIP	Polaris	POL1212	600	176	180	181	182	184	186	187
Nevada Power	STRIP	Polaris	POL1213	600	283	373	376	378	382	407	432
Nevada Power	STRIP	Polaris	POL1215	600	228	228	229	231	233	234	235
Nevada Power	STRIP	Polaris	POL1216	600	137	137	138	139	140	141	142
Nevada Power	NE	Prince	PR1202	550	371	371	373	376	380	382	385
Nevada Power	NE	Prince	PR1203	550	101	108	109	110	111	113	116
Nevada Power	NE	Prince	PR1206	600	474	475	478	481	486	489	492
Nevada Power	NE	Prince	PR1207	550	263	263	265	267	270	271	273
Nevada Power	NE	Prince	PR1208	550	404	404	406	409	414	416	419
Nevada Power	STRIP	Procyon	PRO1202	600	340	340	342	344	453	482	510
Nevada Power	STRIP	Procyon	PRO1206	600	4	5	5	5	5	5	5
Nevada Power	STRIP	Procyon	PRO1207	600	126	126	127	128	129	130	131
Nevada Power	STRIP	Procyon	PRO1209	600	135	135	135	136	138	139	139
Nevada Power	STRIP	Procyon	PRO1211	600	3	3	3	3	3	3	3
Nevada Power	STRIP	Procyon	PRO1212	600	189	189	190	191	193	194	195
Nevada Power	STRIP	Procyon	PRO1213	600	7	7	8	8	8	8	8
Nevada Power	STRIP	Procyon	PRO1214	600	158	159	159	160	162	163	164
Nevada Power	STRIP	Procyon	PRO1216	600	139	139	139	140	142	143	143
Nevada Power	NE	Prospector	PRS1203	600	203	304	407	457	462	527	591
Nevada Power	NE	Prospector	PRS1206	600	1	138	229	231	233	291	349
Nevada Power	NE	Prospector	PRS1210	600	13	459	478	481	486	605	723
Nevada Power	NE	Prospector	PRS1213	600	254	429	553	566	571	651	730
Nevada Power	NE	Prospector	PRS1214	600	1	1	1	1	1	1	1
Nevada Power	NE	Prospector	PRS1215	600	1	1	1	1	1	1	1
Nevada Power	NE	Prospector	PRS1217	600	102	276	381	383	387	458	530
Nevada Power	SW	Quail	QUL1201	600	368	367	368	370	373	374	375
Nevada Power	SW	Quail	QUL1203	600	347	387	396	399	403	417	431
Nevada Power	SW	Quail	QUL1204	600	406	410	418	425	428	433	438
Nevada Power	SW	Quail	QUL1205	600	530	533	548	571	592	607	622
Nevada Power	SW	Quail	QUL1208	600	460	461	463	465	469	471	473
Nevada Power	SW	Quail	QUL1209	600	240	255	273	290	304	320	336
Nevada Power	SW	Quail	QUL1210	600	530	534	536	538	542	545	548
Nevada Power	SW	Quail	QUL1211	600	326	440	549	605	610	681	752
Nevada Power	SW	Quail	QUL1212	600	479	526	551	574	592	620	648
Nevada Power	SW	Quail	QUL1213	600	356	410	432	433	435	455	474

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NW	Radar	RA1201	199	7	7	8	8	8	8	8
Nevada Power	SW	Railroad	RLR1201	600	111	149	242	308	366	430	494
Nevada Power	SW	Railroad	RLR1203	600	239	284	330	374	378	413	448
Nevada Power	SW	Railroad	RLR1204	600	117	143	170	197	199	219	240
Nevada Power	SW	Railroad	RLR1205	600	241	285	330	374	378	412	446
Nevada Power	SW	Railroad	RLR1206	600	215	263	311	359	362	399	435
Nevada Power	SW	Railroad	RLR1210	600	357	362	363	366	370	373	376
Nevada Power	SW	Railroad	RLR1211	600	1	1	1	1	1	1	1
Nevada Power	SW	Railroad	RLR1212	600	499	499	500	503	508	510	512
Nevada Power	SW	Railroad	RLR1213	600	1	1	1	1	1	1	1
Nevada Power	SW	Railroad	RLR1214	600	271	304	340	375	378	405	432
Nevada Power	SW	Railroad	RLR1215	600	260	282	305	328	331	349	367
Nevada Power	SW	Railroad	RLR1217	600	243	271	299	327	331	353	375
Nevada Power	SW	Railroad	RLR1218	600	223	254	286	318	321	345	370
Nevada Power	SW	Railroad	RLR1219	600	239	268	298	328	331	354	377
Nevada Power	NW	Rainbow	RB1202	550	287	290	291	294	297	299	301
Nevada Power	NW	Rainbow	RB1203	600	341	347	349	352	355	359	362
Nevada Power	NW	Rainbow	RB1204	550	315	315	316	319	322	324	326
Nevada Power	NW	Rainbow	RB1207	550	367	367	369	372	377	379	381
Nevada Power	NW	Rainbow	RB1208	600	308	314	316	319	323	327	331
Nevada Power	NW	Rainbow	RB1214	600	104	104	105	106	107	108	108
Nevada Power	NW	Rainbow	RB1215	600	461	461	463	466	471	474	476
Nevada Power	NW	Rainbow	RB1219	600	281	287	288	290	293	297	300
Nevada Power	SE	Ranger	RN1201	150	10	10	10	10	10	10	10
Nevada Power	SE	Ranger	RN1202	150	30	30	30	31	31	31	31
Nevada Power	SW	Red Rock	RRK1201	600	403	403	405	407	411	412	414
Nevada Power	SW	Red Rock	RRK1203	600	301	302	305	308	312	315	318
Nevada Power	SW	Red Rock	RRK1204	600	232	237	238	240	242	245	247
Nevada Power	SW	Red Rock	RRK1211	600	487	493	495	499	503	507	511
Nevada Power	SW	Red Rock	RRK1212	600	341	340	341	343	346	348	349
Nevada Power	SW	Red Rock	RRK1213	600	424	436	448	459	468	480	491
Nevada Power	NW	Regena	RGN1204	600	415	423	426	429	434	439	443
Nevada Power	NW	Regena	RGN1206	600	102	103	103	104	105	105	106
Nevada Power	NW	Regena	RGN1210	600	395	393	394	395	398	399	400
Nevada Power	NW	Regena	RGN1211	600	432	451	452	454	458	464	471
Nevada Power	NW	Regena	RGN1212	600	121	121	121	122	123	123	124
Nevada Power	SW	Riley	RLY1205	600	520	540	557	574	593	612	630
Nevada Power	SW	Riley	RLY1206	600	453	464	478	482	486	495	503
Nevada Power	SW	Riley	RLY1210	600	450	471	487	496	504	518	531
Nevada Power	SW	Riley	RLY1211	600	470	473	478	484	492	497	503
Nevada Power	SW	Riley	RLY1214	600	123	140	169	200	230	257	284
Nevada Power	SW	Riley	RLY1215	600	456	470	489	506	510	523	537
Nevada Power	SW	Riley	RLY1217	600	472	483	494	502	508	517	527
Nevada Power	SE	River Road	RI2501	398	305	305	306	308	311	313	314
Nevada Power	SE	River Road	RI2508	400	103	103	103	104	105	105	105
Nevada Power	SE	River Road	RI2509	400	4	4	4	4	4	4	4
Nevada Power	SW	Robindale	ROB1201	600	499	509	522	528	533	541	550
Nevada Power	SW	Robindale	ROB1203	600	363	426	481	517	522	562	602
Nevada Power	SW	Robindale	ROB1204	600	349	366	450	489	494	531	567
Nevada Power	SW	Robindale	ROB1206	600	439	439	441	444	448	450	452
Nevada Power	SW	Robindale	ROB1210	600	419	418	418	419	422	423	423
Nevada Power	SW	Robindale	ROB1212	600	443	443	444	446	450	452	453
Nevada Power	SW	Robindale	ROB1213	600	430	430	432	435	439	442	444
Nevada Power	SW	Robindale	ROB1214	600	312	455	613	720	748	857	966
Nevada Power	SW	Robindale	ROB1215	600	372	371	373	375	378	380	382
Nevada Power	SW	Robindale	ROB1217	600	345	392	421	444	464	494	523

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SW	Rosanna	RO1201	600	142	141	141	142	143	143	143
Nevada Power	SW	Rosanna	RO1203	600	400	436	484	486	490	513	535
Nevada Power	SW	Rosanna	RO1204	600	363	366	368	369	370	371	373
Nevada Power	SW	Rosanna	RO1207	600	365	364	364	365	367	367	367
Nevada Power	SW	Rosanna	RO1208	600	444	443	444	446	449	450	451
Nevada Power	SW	Rosanna	RO1210	600	348	348	348	350	352	353	354
Nevada Power	SW	Rosanna	RO1212	600	461	469	470	472	476	479	483
Nevada Power	SE	Russell	RS1201	600	228	247	248	249	251	256	262
Nevada Power	SE	Russell	RS1202	600	125	125	126	127	128	129	129
Nevada Power	SE	Russell	RS1204	600	381	386	387	390	394	397	400
Nevada Power	SE	Russell	RS1205	600	529	529	529	530	533	534	535
Nevada Power	SE	Russell	RS1206	600	376	377	379	381	384	386	388
Nevada Power	SE	Russell	RS1209	600	466	478	481	484	489	495	500
Nevada Power	SE	Russell	RS1210	600	317	317	318	321	324	326	327
Nevada Power	SE	Russell	RS1211	600	542	571	598	604	610	626	643
Nevada Power	SE	Russell	RS1212	600	501	500	502	504	508	510	512
Nevada Power	SE	Russell	RS1214	600	187	191	191	192	194	195	197
Nevada Power	SE	Russell	RS1215	600	1	1	1	1	1	1	1
Nevada Power	SE	Sahara	SA1201	600	443	449	454	457	462	466	471
Nevada Power	SE	Sahara	SA1203	600	500	500	503	506	512	515	517
Nevada Power	SE	Sahara	SA1205	600	402	402	404	407	411	414	416
Nevada Power	SE	Sahara	SA1206	600	448	457	462	466	471	476	482
Nevada Power	SE	Sahara	SA1209	600	371	385	402	419	437	454	470
Nevada Power	SE	Sahara	SA1212	600	501	519	524	528	533	542	550
Nevada Power	SE	Sahara	SA1216	600	406	407	411	415	420	424	427
Nevada Power	SE	Sahara	SA1217	600	74	74	75	75	76	76	77
Nevada Power	STRIP	San Francisco	SF1203	398	196	198	198	199	201	202	203
Nevada Power	STRIP	San Francisco	SF1204	398	220	219	220	221	223	223	224
Nevada Power	STRIP	San Francisco	SF1206	556	344	344	345	347	350	352	353
Nevada Power	STRIP	San Francisco	SF1207	556	435	437	438	440	443	446	448
Nevada Power	STRIP	San Francisco	SF1213	600	301	301	302	304	307	308	310
Nevada Power	STRIP	San Francisco	SF1215	600	155	155	155	156	157	158	158
Nevada Power	STRIP	San Francisco	SF1216	556	315	319	320	348	362	374	385
Nevada Power	STRIP	San Francisco	SF1217	556	278	279	280	281	283	285	286
Nevada Power	STRIP	San Francisco	SF1218	600	236	264	266	268	270	279	288
Nevada Power	SE	Searchlight	SE1201	199	121	142	143	144	145	152	158
Nevada Power	SE	Searchlight	SE1202	298	11	11	11	11	11	12	12
Nevada Power	NE	Shadow	SH1206	600	238	238	239	241	244	245	246
Nevada Power	NE	Shadow	SH1207	600	212	211	211	212	213	213	213
Nevada Power	NE	Shadow	SH1209	600	373	373	456	467	471	496	520
Nevada Power	NE	Shadow	SH1211	600	202	202	251	260	262	278	293
Nevada Power	NE	Shadow	SH1212	600	338	340	341	343	346	348	351
Nevada Power	NE	Shadow	SH401	600	149	151	152	153	154	155	157
Nevada Power	NE	Shadow	SH404	600	298	364	410	412	415	445	474
Nevada Power	NW	Silver Flag	SLV1201	199	7	7	8	8	8	8	8
Nevada Power	STRIP	Sinatra	SNT1206	600	177	177	178	179	181	182	183
Nevada Power	STRIP	Sinatra	SNT1207	600	4	4	4	4	4	4	4
Nevada Power	STRIP	Sinatra	SNT1208	600	154	154	155	156	157	158	159
Nevada Power	STRIP	Sinatra	SNT1215	600	179	180	180	182	184	185	186
Nevada Power	STRIP	Sinatra	SNT1216	600	178	178	179	180	182	183	184
Nevada Power	STRIP	Sinatra	SNT1218	600	327	332	334	336	339	342	346
Nevada Power	STRIP	Sinatra	SNT1219	600	14	14	14	14	14	14	14
Nevada Power	STRIP	Sinatra	SNT1220	600	14	15	15	15	15	15	15
Nevada Power	NW	Skelton	SKL1205	600	393	390	390	390	391	391	390
Nevada Power	NW	Skelton	SKL1206	600	419	418	424	431	439	444	449
Nevada Power	NW	Skelton	SKL1208	600	377	374	374	374	375	375	375

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NW	Skelton	SKL1209	600	418	417	419	421	425	427	428
Nevada Power	NW	Skelton	SKL1210	600	444	449	455	457	461	466	470
Nevada Power	NW	Skelton	SKL1215	600	273	282	285	289	293	298	303
Nevada Power	NW	Skelton	SKL1217	600	277	288	290	292	295	300	305
Nevada Power	NW	Skelton	SKL1218	600	416	423	426	428	431	435	439
Nevada Power	NW	Skelton	SKL1220	600	388	386	386	386	387	387	387
Nevada Power	NW	Skelton	SKL1221	550	413	419	424	429	432	437	442
Nevada Power	NW	Snow Mountain	SN1201	600	92	92	92	131	135	145	156
Nevada Power	SE	Southpoint	SO2502	400	132	132	132	133	135	135	136
Nevada Power	SE	Southpoint	SO2507	400	121	121	122	123	124	125	125
Nevada Power	SE	Southpoint	SO2508	400	14	14	14	14	15	15	15
Nevada Power	SW	Sparta	SPA1205	600	544	545	546	549	554	557	559
Nevada Power	SW	Sparta	SPA1206	600	478	478	480	483	488	490	492
Nevada Power	SW	Sparta	SPA1210	600	472	479	488	497	500	507	514
Nevada Power	SW	Sparta	SPA1213	600	327	401	413	421	426	451	475
Nevada Power	SW	Sparta	SPA1214	600	267	266	267	268	270	271	272
Nevada Power	SW	Sparta	SPA1215	600	336	342	351	359	367	374	382
Nevada Power	SW	Sparta	SPA1217	600	245	245	246	248	250	251	253
Nevada Power	NE	Speedway	SPD1201	600	318	455	463	464	467	504	542
Nevada Power	NE	Speedway	SPD1203	600	349	350	352	354	358	360	362
Nevada Power	NE	Speedway	SPD1204	600	221	231	231	231	232	235	238
Nevada Power	NE	Speedway	SPD1206	600	310	329	330	333	336	343	349
Nevada Power	NE	Speedway	SPD1211	600	420	423	425	428	432	435	439
Nevada Power	NE	Speedway	SPD1213	600	384	410	412	415	420	428	437
Nevada Power	NE	Speedway	SPD1214	600	116	171	227	285	343	400	457
Nevada Power	NE	Speedway	SPD1215	600	344	446	463	464	467	497	528
Nevada Power	NE	Speedway	SPD1217	600	187	337	393	448	483	557	631
Nevada Power	STRIP	Spencer	SP1203	550	230	256	257	259	261	269	277
Nevada Power	STRIP	Spencer	SP1204	530	1	227	461	469	474	592	711
Nevada Power	STRIP	Spencer	SP1206	550	358	358	360	362	365	367	369
Nevada Power	STRIP	Spencer	SP1207	550	358	414	448	473	478	508	538
Nevada Power	STRIP	Spencer	SP1210	550	355	359	364	367	370	374	378
Nevada Power	STRIP	Spencer	SP1211	550	336	385	416	419	423	445	467
Nevada Power	STRIP	Spencer	SP1213	550	300	300	301	303	306	308	309
Nevada Power	STRIP	Spencer	SP1214	550	158	159	160	161	162	163	164
Nevada Power	SW	Spring Mountain	SM1201	199	27	27	27	28	28	28	29
Nevada Power	SW	Spring Mountain	SM1202	398	179	179	180	181	183	184	185
Nevada Power	SW	Spring Valley	SV1201	550	390	391	393	396	400	403	405
Nevada Power	SW	Spring Valley	SV1202	470	295	298	299	302	305	307	310
Nevada Power	SW	Spring Valley	SV1207	550	227	227	228	230	232	233	234
Nevada Power	SW	Spring Valley	SV1209	470	378	378	381	384	389	391	394
Nevada Power	SW	Spring Valley	SV1211	470	365	365	367	370	374	376	379
Nevada Power	SW	Spring Valley	SV1213	470	288	288	290	292	295	297	298
Nevada Power	SW	Spring Valley	SV1214	470	259	296	353	374	378	408	438
Nevada Power	SW	Spring Valley	SV1216	470	382	388	391	394	398	402	406
Nevada Power	STRIP	Strip	STR1203	600	432	483	539	543	548	578	607
Nevada Power	STRIP	Strip	STR1204	600	306	306	308	310	313	315	316
Nevada Power	STRIP	Strip	STR1205	600	163	163	164	165	167	167	168
Nevada Power	STRIP	Strip	STR1206	600	146	145	144	144	144	144	143
Nevada Power	STRIP	Strip	STR1207	600	39	393	412	415	419	514	609
Nevada Power	STRIP	Strip	STR1208	600	3	3	3	3	4	4	4
Nevada Power	STRIP	Strip	STR1215	600	282	283	284	286	289	290	292
Nevada Power	STRIP	Strip	STR1216	600	160	160	161	162	164	164	165
Nevada Power	STRIP	Strip	STR1217	600	205	205	206	207	209	211	212
Nevada Power	STRIP	Strip	STR1218	600	122	122	123	124	125	126	127
Nevada Power	STRIP	Strip	STR1219	600	93	93	93	94	95	95	96

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	STRIP	Strip	STR1220	600	1	1	1	1	1	1	1
Nevada Power	NW	Summerlin	SMR1205	470	319	321	324	328	330	333	336
Nevada Power	NW	Summerlin	SMR1207	470	323	322	324	326	329	330	332
Nevada Power	NW	Summerlin	SMR1208	600	464	465	468	472	477	481	484
Nevada Power	NW	Summerlin	SMR1209	600	398	397	398	400	403	405	406
Nevada Power	NW	Summerlin	SMR1210	600	337	343	349	351	354	359	363
Nevada Power	NW	Summerlin	SMR1217	600	395	395	396	399	402	404	406
Nevada Power	NW	Summerlin	SMR1218	600	403	403	405	408	412	414	416
Nevada Power	NW	Summerlin	SMR1219	600	426	426	428	430	434	436	438
Nevada Power	NW	Summerlin	SMR1220	600	415	416	418	421	425	427	430
Nevada Power	SE	Sunset	SUS1201	600	451	454	456	459	464	467	470
Nevada Power	SE	Sunset	SUS1203	600	261	294	317	331	346	368	389
Nevada Power	SE	Sunset	SUS1205	600	398	414	425	433	438	448	458
Nevada Power	SE	Sunset	SUS1206	600	363	488	494	496	500	535	569
Nevada Power	SE	Sunset	SUS1212	600	183	218	251	255	257	276	294
Nevada Power	SE	Sunset	SUS1215	600	439	546	635	660	679	739	799
Nevada Power	SE	Sunset	SUS1218	600	270	291	304	313	323	336	349
Nevada Power	SE	Sunset	SUS1220	600	64	65	92	114	115	128	141
Nevada Power	STRIP	Suzanne	SZ1201	600	322	322	324	326	330	331	333
Nevada Power	STRIP	Suzanne	SZ1202	550	410	410	412	415	419	421	424
Nevada Power	STRIP	Suzanne	SZ1203	600	352	416	485	505	510	549	589
Nevada Power	STRIP	Suzanne	SZ1205	600	248	248	249	251	290	300	311
Nevada Power	STRIP	Suzanne	SZ1206	550	386	396	398	401	405	410	415
Nevada Power	STRIP	Suzanne	SZ1208	600	233	233	234	236	238	240	241
Nevada Power	STRIP	Suzanne	SZ1209	600	387	387	389	391	395	397	400
Nevada Power	STRIP	Suzanne	SZ1211	600	297	297	299	301	304	305	307
Nevada Power	STRIP	Suzanne	SZ1213	550	162	162	163	164	166	167	168
Nevada Power	STRIP	Suzanne	SZ1214	600	329	329	331	333	336	338	340
Nevada Power	STRIP	Swenson	SWN1201	600	257	257	258	260	263	264	266
Nevada Power	STRIP	Swenson	SWN1206	600	433	433	435	438	442	445	447
Nevada Power	STRIP	Swenson	SWN1207	600	3	3	3	3	4	4	4
Nevada Power	STRIP	Swenson	SWN1208	600	247	247	248	250	253	254	255
Nevada Power	STRIP	Swenson	SWN1209	600	266	266	267	269	272	273	275
Nevada Power	STRIP	Swenson	SWN1211	600	238	238	239	241	243	245	246
Nevada Power	STRIP	Swenson	SWN1213	600	475	475	478	481	486	488	491
Nevada Power	STRIP	Swenson	SWN1214	600	338	338	340	342	346	348	350
Nevada Power	STRIP	Swenson	SWN1216	600	68	68	68	69	70	70	70
Nevada Power	STRIP	Swenson	SWN1219	600	266	266	267	269	272	273	275
Nevada Power	SW	Tam	TA1201	600	297	295	296	297	298	299	299
Nevada Power	SW	Tam	TA1202	600	120	119	119	120	120	120	120
Nevada Power	SW	Tam	TA1204	600	264	263	264	266	268	270	271
Nevada Power	SW	Tam	TA1205	600	402	403	405	407	411	414	416
Nevada Power	SW	Tam	TA1209	600	466	485	487	491	496	503	511
Nevada Power	SW	Tam	TA1210	600	385	384	385	387	391	392	394
Nevada Power	SW	Tam	TA1212	600	370	369	370	371	374	375	376
Nevada Power	NW	Tenaya	TE1201	600	409	409	411	414	418	420	422
Nevada Power	NW	Tenaya	TE1203	600	202	202	203	204	206	207	208
Nevada Power	NW	Tenaya	TE1204	550	275	294	304	304	305	313	321
Nevada Power	NW	Tenaya	TE1205	550	266	266	267	269	271	273	274
Nevada Power	NW	Tenaya	TE1206	550	463	463	465	468	473	475	477
Nevada Power	NW	Tenaya	TE1208	600	124	124	124	125	126	127	128
Nevada Power	NW	Tenaya	TE1209	600	531	540	543	547	552	557	563
Nevada Power	NW	Tenaya	TE1211	600	486	486	488	491	496	499	501
Nevada Power	NW	Tenaya	TE1212	600	315	314	314	315	317	317	318
Nevada Power	NW	Tenaya	TE1213	600	388	395	399	401	404	407	411
Nevada Power	SE	Tolson	TOL1204	600	526	527	529	532	537	539	542

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	SE	Tolson	TOL1205	600	519	526	533	541	551	559	567
Nevada Power	SE	Tolson	TOL1206	600	462	497	510	523	528	544	561
Nevada Power	SE	Tolson	TOL1208	600	521	521	523	526	531	533	536
Nevada Power	SE	Tolson	TOL1209	600	321	320	321	322	324	325	326
Nevada Power	SE	Tolson	TOL1215	600	463	462	464	467	471	473	475
Nevada Power	SE	Tolson	TOL1216	600	501	506	508	510	514	518	521
Nevada Power	SE	Tolson	TOL1218	600	298	410	492	527	532	591	649
Nevada Power	SE	Tolson	TOL1220	600	511	510	512	514	519	521	523
Nevada Power	SE	Tolson	TOL1221	600	509	509	511	515	520	523	525
Nevada Power	SW	Tomsik	TOM1201	600	366	407	452	498	505	540	575
Nevada Power	SW	Tomsik	TOM1203	600	447	465	484	505	526	546	566
Nevada Power	SW	Tomsik	TOM1204	600	380	431	476	479	481	507	532
Nevada Power	SW	Tomsik	TOM1210	600	328	362	430	499	524	573	621
Nevada Power	SW	Tomsik	TOM1211	600	226	311	389	459	511	582	653
Nevada Power	SW	Tomsik	TOM1212	600	453	452	453	456	459	461	463
Nevada Power	SW	Tomsik	TOM1213	600	488	492	497	500	505	509	513
Nevada Power	SW	Tomsik	TOM1214	600	509	507	508	510	514	515	516
Nevada Power	SW	Tomsik	TOM1215	600	325	433	473	513	549	605	661
Nevada Power	SW	Tomsik	TOM1217	600	528	529	533	537	543	547	551
Nevada Power	NE	Tonopah	TO1201	600	412	424	448	508	516	541	567
Nevada Power	NE	Tonopah	TO1203	600	439	450	451	452	456	460	464
Nevada Power	NE	Tonopah	TO1204	600	407	410	414	420	425	429	434
Nevada Power	NE	Tonopah	TO1206	600	481	480	481	483	486	487	488
Nevada Power	NE	Tonopah	TO1207	398	1	38	43	43	43	54	65
Nevada Power	NE	Tonopah	TO1209	600	322	475	478	481	486	527	568
Nevada Power	NE	Tonopah	TO1211	600	298	298	299	300	303	304	306
Nevada Power	NE	Tropical	TRO1201	600	523	530	534	538	544	550	555
Nevada Power	NE	Tropical	TRO1203	600	387	408	416	420	424	433	443
Nevada Power	NE	Tropical	TRO1204	600	433	435	437	440	444	447	450
Nevada Power	NE	Tropical	TRO1205	600	532	539	541	544	549	553	558
Nevada Power	NE	Tropical	TRO1206	600	266	266	268	270	273	275	277
Nevada Power	NE	Tropical	TRO1211	600	459	460	462	466	471	474	477
Nevada Power	NE	Tropical	TRO1212	600	228	235	243	251	256	263	270
Nevada Power	NE	Tropical	TRO1214	600	496	494	493	494	496	496	496
Nevada Power	NE	Tropical	TRO1215	600	454	453	455	457	461	463	465
Nevada Power	NE	Tropical	TRO1217	600	434	441	442	445	449	453	456
Nevada Power	STRIP	Truman	TR1202	600	321	383	397	400	404	425	446
Nevada Power	STRIP	Truman	TR1209	398	1	1	1	1	1	1	1
Nevada Power	STRIP	Truman	TR1210	600	310	523	529	533	539	596	653
Nevada Power	STRIP	Valley View	VV1201	600	327	327	329	331	334	336	338
Nevada Power	STRIP	Valley View	VV1203	600	371	371	373	375	379	381	383
Nevada Power	STRIP	Valley View	VV1204	600	9	181	210	212	214	265	316
Nevada Power	STRIP	Valley View	VV1206	600	441	445	448	451	455	459	462
Nevada Power	STRIP	Valley View	VV1207	600	337	337	339	341	344	346	348
Nevada Power	STRIP	Valley View	VV1209	600	238	276	277	279	282	293	304
Nevada Power	STRIP	Valley View	VV1210	600	357	357	359	361	364	366	368
Nevada Power	STRIP	Valley View	VV1212	600	6	6	6	6	6	6	6
Nevada Power	NW	Vegas	VGS1201	600	420	432	444	447	452	460	468
Nevada Power	NW	Vegas	VGS1203	600	427	445	447	449	453	460	467
Nevada Power	NW	Vegas	VGS1204	600	220	219	219	220	222	222	223
Nevada Power	NW	Vegas	VGS1205	600	381	380	381	382	385	386	387
Nevada Power	NW	Vegas	VGS1206	600	379	379	381	384	389	391	393
Nevada Power	NW	Vegas	VGS1207	600	370	370	372	374	378	380	382
Nevada Power	NW	Vegas	VGS1208	600	447	446	448	450	454	455	457
Nevada Power	NW	Vegas	VGS1211	550	345	362	364	365	368	374	380
Nevada Power	NW	Vegas	VGS1212	550	346	346	347	349	351	353	354

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NW	Vegas	VGS1213	600	396	398	399	402	405	408	410
Nevada Power	NW	Village	VLG1201	600	264	266	272	276	282	287	291
Nevada Power	NW	Village	VLG1203	600	109	109	110	111	112	113	114
Nevada Power	NW	Village	VLG1205	600	1	1	1	1	1	1	1
Nevada Power	NW	Village	VLG1206	600	140	140	141	142	144	144	145
Nevada Power	NW	Village	VLG1210	600	203	203	204	205	207	208	209
Nevada Power	NW	Village	VLG1212	600	80	80	80	81	82	82	83
Nevada Power	NW	Village	VLG1213	600	203	202	203	203	205	206	206
Nevada Power	NW	Village	VLG1215	600	87	88	88	89	89	90	90
Nevada Power	NW	Village	VLG1217	600	405	406	408	412	417	420	423
Nevada Power	SE	Warm Springs	WSP1201	600	424	438	451	465	478	491	504
Nevada Power	SE	Warm Springs	WSP1203	600	307	311	313	315	318	321	323
Nevada Power	SE	Warm Springs	WSP1204	600	381	446	492	497	503	533	564
Nevada Power	SE	Warm Springs	WSP1205	600	76	76	76	77	77	78	78
Nevada Power	SE	Warm Springs	WSP1208	600	247	334	402	425	429	475	520
Nevada Power	SE	Warm Springs	WSP1209	600	500	500	502	505	509	512	514
Nevada Power	SE	Warm Springs	WSP1210	600	399	398	400	402	406	408	410
Nevada Power	SE	Warm Springs	WSP1211	600	393	395	397	399	403	405	407
Nevada Power	SE	Warm Springs	WSP1212	600	479	494	497	500	505	511	518
Nevada Power	SE	Warm Springs	WSP1213	600	535	535	537	540	545	547	550
Nevada Power	NE	Washburn	WSH1201	600	367	372	373	374	377	379	381
Nevada Power	NE	Washburn	WSH1203	600	470	471	472	474	477	478	480
Nevada Power	NE	Washburn	WSH1204	600	581	583	586	591	598	602	606
Nevada Power	NE	Washburn	WSH1205	600	488	494	498	499	502	506	509
Nevada Power	NE	Washburn	WSH1208	600	386	390	392	394	398	401	404
Nevada Power	NE	Washburn	WSH1209	600	365	362	362	361	362	362	361
Nevada Power	NE	Washburn	WSH1210	600	448	450	450	451	453	454	456
Nevada Power	NE	Washburn	WSH1211	600	410	424	448	458	461	474	487
Nevada Power	NE	Washburn	WSH1212	600	536	541	548	556	566	574	581
Nevada Power	NE	Washburn	WSH1213	600	447	450	451	453	456	458	460
Nevada Power	NE	Washington	WN1201	600	295	320	416	418	422	454	486
Nevada Power	NE	Washington	WN1203	600	462	462	464	468	472	475	478
Nevada Power	NE	Washington	WN1204	600	448	493	549	552	557	584	611
Nevada Power	NE	Washington	WN1206	600	206	205	205	206	208	208	209
Nevada Power	NE	Washington	WN1208	600	249	257	258	260	263	266	269
Nevada Power	NE	Washington	WN1209	600	376	386	386	388	391	395	399
Nevada Power	NE	Washington	WN1210	600	361	361	363	365	368	370	372
Nevada Power	NE	Washington	WN1211	550	476	482	485	488	493	497	501
Nevada Power	NE	Washington	WN1213	600	430	437	446	457	468	478	487
Nevada Power	SE	Water Street	WA1201	600	473	483	495	506	515	526	537
Nevada Power	SE	Water Street	WA1203	530	3	3	3	3	3	3	3
Nevada Power	SE	Water Street	WA1204	585	291	332	362	378	382	404	427
Nevada Power	SE	Water Street	WA1206	600	546	578	591	592	596	608	621
Nevada Power	SE	Water Street	WA1208	600	446	456	457	459	462	466	470
Nevada Power	SE	Water Street	WA1209	600	253	275	290	292	294	304	315
Nevada Power	SE	Water Street	WA1210	600	295	304	308	313	318	323	329
Nevada Power	NW	Westside	WE1201	600	438	438	440	444	448	450	453
Nevada Power	NW	Westside	WE1204	600	422	421	422	424	428	429	430
Nevada Power	NW	Westside	WE1207	600	465	465	467	469	473	475	477
Nevada Power	NW	Westside	WE1208	600	399	419	430	432	435	444	453
Nevada Power	NW	Westside	WE1209	600	376	376	377	380	383	385	387
Nevada Power	NW	Westside	WE1210	600	417	420	421	424	428	431	433
Nevada Power	NW	Westside	WE1211	600	72	73	73	73	74	74	75
Nevada Power	NW	Westside	WE1212	600	409	409	411	414	418	420	423
Nevada Power	NW	Westside	WE1214	600	445	445	447	450	454	457	459
Nevada Power	NW	Westside	WE1219	600	171	171	256	258	261	283	306

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Nevada Power	NW	Westside	WE1220	600	329	329	330	331	334	335	337
Nevada Power	SE	Whitney	WH1201	600	349	401	417	427	433	454	475
Nevada Power	SE	Whitney	WH1202	600	341	343	344	346	349	351	352
Nevada Power	SE	Whitney	WH1203	530	3	3	3	3	3	3	3
Nevada Power	SE	Whitney	WH1204	600	356	379	384	387	390	399	407
Nevada Power	SE	Whitney	WH1206	600	447	455	458	462	468	473	478
Nevada Power	SE	Whitney	WH1209	600	317	330	344	353	355	365	375
Nevada Power	SE	Whitney	WH1211	600	195	232	242	251	262	279	295
Nevada Power	SE	Whitney	WH1213	600	498	528	531	535	541	552	563
Nevada Power	SE	Whitney	WH1214	600	334	335	337	339	343	345	347
Nevada Power	SE	Wigwam	WI1201	600	280	288	298	299	302	307	313
Nevada Power	SE	Wigwam	WI1203	600	475	475	477	479	483	485	487
Nevada Power	SE	Wigwam	WI1204	600	453	451	453	455	458	459	461
Nevada Power	SE	Wigwam	WI1205	600	492	491	493	495	499	501	503
Nevada Power	SE	Wigwam	WI1206	600	386	386	387	389	393	394	396
Nevada Power	SE	Wigwam	WI1208	600	187	187	188	189	191	192	193
Nevada Power	SE	Wigwam	WI1209	600	411	411	412	414	418	419	421
Nevada Power	SE	Wigwam	WI1211	600	320	319	321	323	326	328	329
Nevada Power	SE	Wigwam	WI1212	600	473	479	485	488	493	498	503
Nevada Power	SE	Wigwam	WI1213	600	528	593	599	604	610	631	651
Nevada Power	SE	Wilson	WIL1204	600	55	55	55	56	56	57	57
Nevada Power	SE	Wilson	WIL1205	600	140	171	182	188	194	208	221
Nevada Power	SE	Wilson	WIL1206	600	355	367	379	385	387	395	404
Nevada Power	SE	Wilson	WIL1208	600	437	448	450	452	456	461	465
Nevada Power	SE	Wilson	WIL1209	600	450	450	452	455	460	463	465
Nevada Power	SE	Wilson	WIL1210	600	424	422	423	424	426	426	427
Nevada Power	SE	Wilson	WIL1216	600	474	488	493	496	501	508	515
Nevada Power	SE	Wilson	WIL1217	600	303	339	372	380	384	404	425
Nevada Power	SE	Wilson	WIL1218	600	456	461	469	477	480	486	493
Nevada Power	SE	Wilson	WIL1220	600	462	466	466	467	470	472	474
Nevada Power	SE	Wilson	WIL1221	600	319	319	320	321	323	324	325
Nevada Power	SE	Winterwood	WW1203	600	446	446	449	453	458	461	465
Nevada Power	SE	Winterwood	WW1204	600	436	438	440	444	448	451	454
Nevada Power	SE	Winterwood	WW1205	600	223	295	301	303	306	327	348
Nevada Power	SE	Winterwood	WW1207	600	516	516	519	523	528	531	534
Nevada Power	SE	Winterwood	WW1210	600	169	169	170	171	173	174	175
Nevada Power	SE	Winterwood	WW1211	550	361	361	364	367	371	374	376
Nevada Power	SE	Winterwood	WW1214	550	278	290	302	314	328	340	352
Nevada Power	SE	Winterwood	WW1216	600	373	375	378	383	388	392	395
Nevada Power	SE	Winterwood	WW1217	600	416	424	427	430	434	439	443
Nevada Power	SE	Winterwood	WW1219	600	426	426	428	431	436	438	441
Nevada Power	SE	Winterwood	WW1220	600	378	379	381	383	387	390	392
Nevada Power	SE	Winterwood	WW1224	600	270	270	271	273	276	278	279
Nevada Power	SE	Winterwood	WW1225	600	102	102	103	104	106	106	107
Sierra	EAST	Adobe	ADB201	550	55	56	61	61	62	64	65
Sierra	EAST	Adobe	ADB202	550	291	296	298	300	304	307	310
Sierra	EAST	Adobe	ADB203	570	73	76	77	78	79	81	82
Sierra	EAST	Adobe	ADB208	570	258	260	262	265	268	270	273
Sierra	TM	Airport	AIR2006	550	66	66	67	67	68	68	69
Sierra	TM	Airport	AIR242	550	158	158	159	160	162	162	163
Sierra	TM	Airport	AIR265	550	190	192	201	202	204	208	211
Sierra	TM	Airport	AIR266	550	283	283	285	286	289	291	293
Sierra	TM	Airport	AIR267	550	383	392	399	402	406	412	418
Sierra	TM	Airport	AIR269	550	184	196	205	206	208	215	221
Sierra	TM	Airport	AIR282	550	242	258	272	286	290	302	314
Sierra	TM	Airport	AIR283	550	137	174	212	259	299	340	380

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	TM	Airport	AIR3	550	199	199	200	202	204	205	206
Sierra	TM	Airport	AIR4	550	196	196	197	199	201	202	203
Sierra	EAST	Antelope Valley	ANV210	550	168	168	169	170	172	173	174
Sierra	EAST	Antelope Valley	ANV211	570	129	128	128	129	130	130	130
Sierra	FF	Austin	AST201	150	78	94	94	94	94	99	103
Sierra	FF	Austin	AST202	570	22	22	21	21	21	21	21
Sierra	EAST	Battle Mountain	BMT1401	265	234	235	236	237	239	241	242
Sierra	EAST	Battle Mountain	BMT1402	170	8	8	9	9	9	9	9
Sierra	EAST	Battle Mountain	BMT2401	550	79	79	79	80	80	81	81
Sierra	TM	Bella Vista	BLV271	550	439	443	445	448	452	455	458
Sierra	TM	Bella Vista	BLV282	550	268	285	300	310	313	324	335
Sierra	TM	Bella Vista	BLV283	550	99	118	127	128	129	137	144
Sierra	TM	Bella Vista	BLV284	855	691	699	705	711	719	726	733
Sierra	FF	Brady's	BDY201	175	37	37	37	37	38	38	38
Sierra	CAR	Brunswick	BWK1220	855	260	271	286	302	313	326	339
Sierra	CAR	Brunswick	BWK1223	855	322	335	341	345	349	356	363
Sierra	CAR	Brunswick	BWK1224	855	451	453	482	506	532	552	572
Sierra	CAR	Brunswick	BWK2508	550	206	214	346	512	517	595	673
Sierra	CAR	Buckeye	BUC1275	550	155	174	188	200	208	222	235
Sierra	CAR	Buckeye	BUC1276	550	511	515	520	525	531	537	542
Sierra	CAR	Buckeye	BUC1277	550	136	149	150	151	153	157	161
Sierra	CAR	Buckeye	BUC1278	550	245	408	480	533	564	643	723
Sierra	EAST	Buena Vista	BVV201	265	38	38	38	39	39	39	39
Sierra	TM	California	CAL2501	550	380	414	454	489	513	546	579
Sierra	CAR	Carson	CAR1230	550	140	140	141	142	143	144	145
Sierra	CAR	Carson	CAR1231	550	425	433	435	438	442	446	451
Sierra	CAR	Carson	CAR1232	550	291	347	406	421	435	471	508
Sierra	CAR	Carson	CAR1240	550	179	181	181	182	184	185	187
Sierra	CAR	Carson	CAR1241	550	169	179	189	199	210	220	230
Sierra	CAR	Carson	CAR1242	550	97	98	98	99	100	100	101
Sierra	CAR	Carson	CAR1243	550	299	327	337	342	345	356	368
Sierra	TM	Chukar	CHK2501	855	158	301	446	468	473	552	631
Sierra	TM	Chukar	CHK2502	855	211	354	477	481	485	554	622
Sierra	TM	Chukar	CHK2505	550	2	2	2	2	2	2	2
Sierra	TM	Chukar	CHK2506	855	311	356	384	394	398	420	442
Sierra	TM	Chukar	CHK2511	855	314	314	316	318	321	323	325
Sierra	EAST	Coal Canyon	CCN1201	365	62	90	90	91	92	100	107
Sierra	EAST	Coal Canyon	CCN1202	265	36	39	39	39	39	40	41
Sierra	CAR	Coaldale	CLD1201	175	6	6	6	6	6	6	6
Sierra	TM	Comstock Meadows	CMM2511	900	123	156	159	160	161	171	181
Sierra	TM	Comstock Meadows	CMM2512	900	299	479	482	485	490	538	586
Sierra	EAST	Crescent Valley	CVL220	265	29	30	30	31	31	31	32
Sierra	CAR	Curry Street	CUR1280	550	434	460	473	483	491	506	520
Sierra	CAR	Curry Street	CUR1281	550	292	292	293	295	298	299	301
Sierra	CAR	Curry Street	CUR1282	550	184	193	204	209	211	217	224
Sierra	CAR	Dayton	DTN219	550	206	224	239	249	257	269	282
Sierra	CAR	Downs	DWN1285	550	333	442	482	508	514	559	604
Sierra	CAR	Downs	DWN1286	550	218	222	223	224	226	229	231
Sierra	EAST	Dutch Flat	DHF208	570	292	291	292	293	295	296	296
Sierra	EAST	Dutch Flat	DHF209	265	92	91	91	92	92	92	93
Sierra	EAST	Dutch Flat	DHF210	175	50	50	50	50	50	50	50
Sierra	FF	Eagle	EGL1218	550	460	496	498	502	508	520	531
Sierra	FF	Eagle	EGL201	550	145	211	251	279	282	317	351
Sierra	FF	Eagle	EGL202	550	336	338	340	342	345	348	350
Sierra	EAST	Elko	EKO24	550	120	121	121	122	123	124	125
Sierra	EAST	Elko	EKO27	550	87	88	88	89	90	91	91

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	CAR	Emerson	EMN1221	550	122	122	122	123	124	125	125
Sierra	CAR	Emerson	EMN1222	550	274	274	276	277	280	281	283
Sierra	CAR	Emerson	EMN1223	550	347	350	351	353	356	359	361
Sierra	CAR	Emerson	EMN1224	550	252	254	255	256	258	260	262
Sierra	FF	Empire	EMP7001	140	78	87	88	88	89	92	95
Sierra	CAR	Fairview	FVW1210	550	367	391	393	394	396	404	411
Sierra	CAR	Fairview	FVW1211	550	331	378	405	412	418	440	461
Sierra	CAR	Fairview	FVW1212	940	418	421	426	431	438	443	448
Sierra	FF	Fallon	FLN1201	550	243	243	244	245	247	249	250
Sierra	FF	Fallon	FLN1202	310	193	194	196	197	199	201	202
Sierra	FF	Fallon	FLN1203	230	170	174	177	181	185	189	192
Sierra	FF	Fallon	FLN310	140	1	1	1	1	1	1	1
Sierra	FF	Fernley	FLY1214	550	158	177	177	179	180	186	191
Sierra	FF	Fernley	FLY1215	550	346	367	371	376	383	392	401
Sierra	FF	Fernley	FLY1216	550	86	87	88	88	89	89	90
Sierra	FF	Fernley	FLY1217	550	344	344	344	346	348	349	350
Sierra	CAR	Fort Churchill	FTC210	550	68	68	69	69	70	70	71
Sierra	TM	Fort Sage	FTS299	570	60	60	61	61	62	62	62
Sierra	CAR	Gabbs	GBS47	550	136	142	142	143	145	147	149
Sierra	CAR	Gabbs	GBS48	1155	809	809	813	819	827	832	836
Sierra	STAH	Glenbrook	GLN2302	570	116	121	123	125	128	130	133
Sierra	STAH	Glenbrook	GLN2505	175	25	27	27	27	28	28	29
Sierra	STAH	Glenbrook	GLN2600	175	34	35	35	35	36	36	37
Sierra	TM	Glendale	GLD211	550	454	463	466	469	473	478	482
Sierra	TM	Glendale	GLD237	550	100	100	100	101	102	102	103
Sierra	TM	Glendale	GLD238	315	78	112	229	231	233	272	311
Sierra	TM	Glendale	GLD245	550	121	123	124	125	126	127	128
Sierra	TM	Glendale	GLD265	550	137	137	138	237	239	265	290
Sierra	TM	Glendale	GLD271	550	242	272	279	284	286	297	308
Sierra	TM	Glendale	GLD274	550	471	478	481	484	488	493	497
Sierra	EAST	Golconda	GOL1201	175	48	52	52	52	53	54	55
Sierra	EAST	Golconda	GOL1202	265	81	81	81	82	82	83	83
Sierra	EAST	Golconda	GOL1203	365	5	5	5	5	5	5	5
Sierra	CAR	Goldfield	GFD1264	350	104	106	106	107	108	109	110
Sierra	EAST	Grass Valley	GRS2517	350	244	248	250	252	254	256	259
Sierra	EAST	Grass Valley	GRS2518	350	262	267	268	270	273	275	278
Sierra	TM	Greg Street	GRG227	470	139	139	140	141	142	143	144
Sierra	TM	Greg Street	GRG228	470	374	388	410	422	425	438	451
Sierra	TM	Greg Street	GRG229	550	315	320	322	324	327	330	333
Sierra	TM	Greg Street	GRG231	550	240	240	242	243	246	247	248
Sierra	TM	Greg Street	GRG232	550	255	270	271	273	275	280	285
Sierra	TM	Greg Street	GRG233	550	382	382	385	387	391	394	396
Sierra	TM	Greg Street	GRG286	550	202	244	245	246	248	260	272
Sierra	TM	Greg Street	GRG287	550	118	118	119	120	121	122	122
Sierra	TM	Greg Street	GRG288	550	215	225	228	230	232	237	241
Sierra	CAR	Hawthorne	HAW1201	350	127	127	127	128	129	129	130
Sierra	CAR	Hawthorne	HAW1202	350	146	166	182	194	197	210	222
Sierra	FF	Hazen	HAZ1210	265	14	14	14	14	14	14	15
Sierra	CAR	Heybourne	HEY1287	550	252	270	285	301	310	324	339
Sierra	CAR	Heybourne	HEY1288	855	258	272	277	281	283	290	296
Sierra	CAR	Heybourne	HEY1290	550	74	77	77	77	78	79	80
Sierra	TM	Highland^	HLD1	355	171	171	172	173	175	176	177
Sierra	TM	Highland^	HLD3	384	44	44	44	45	45	45	45
Sierra	TM	Highland^	HLD4	550	78	79	79	79	80	81	81
Sierra	TM	Holcomb	HOL1	310	72	72	73	73	74	74	75
Sierra	TM	Holcomb	HOL2	310	200	204	205	207	209	211	213

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	TM	Holcomb	HOL4	350	217	218	219	221	223	225	226
Sierra	TM	Holcomb	HOL5	384	196	196	197	198	200	201	202
Sierra	TM	Holcomb	HOL6	384	188	188	188	189	191	191	192
Sierra	EAST	Humboldt House	HBH701	140	11	11	11	11	11	11	12
Sierra	TM	Hunter Lake	HLS1	475	225	226	227	229	231	232	234
Sierra	TM	Hunter Lake	HLS2	475	177	178	179	181	183	185	186
Sierra	TM	Hunter Lake	HLS3	475	272	274	275	277	280	282	284
Sierra	EAST	Imlay	ILY1201	365	90	91	92	93	94	95	96
Sierra	NTAH	Incline	INC4100	550	410	437	473	489	504	528	551
Sierra	NTAH	Incline	INC4200	550	437	446	451	525	533	557	581
Sierra	NTAH	Incline	INC4300	550	301	302	304	306	310	312	314
Sierra	STAH	Kingsbury	KNG2800	570	361	361	363	365	369	371	373
Sierra	EAST	Kramer Hill	KRH1204	340	181	181	182	184	185	186	187
Sierra	EAST	Last Chance	LCH211	550	434	442	445	449	454	459	464
Sierra	EAST	Last Chance	LCH212	550	193	202	204	206	208	212	216
Sierra	EAST	Last Chance	LCH218	550	320	324	326	328	331	334	337
Sierra	EAST	Last Chance	LCH221	550	212	223	224	225	228	232	236
Sierra	EAST	Limerick	LIM1201	175	21	23	23	23	23	24	25
Sierra	EAST	Lone Mountain^	LNMI201	315	42	42	42	42	42	42	42
Sierra	FF	Lonely	LNK1230	550	506	505	506	509	512	514	516
Sierra	FF	Lonely	LNK1231	550	230	241	248	253	259	266	273
Sierra	FF	Lonely	LNK1232	550	279	298	299	300	303	309	315
Sierra	FF	Lonely	LNK1233	550	203	205	207	210	214	217	219
Sierra	EAST	Lovelock	LOV1203	230	41	41	41	41	42	42	42
Sierra	EAST	Lovelock	LOV701	315	143	144	145	146	147	148	149
Sierra	EAST	Lovelock	LOV702	315	35	39	39	40	40	41	43
Sierra	EAST	Lovelock	LOV703	230	157	160	161	162	163	165	166
Sierra	CAR	Lower Smoky Valley	LSV1260	175	36	37	37	37	38	38	39
Sierra	CAR	Luning	LUN7005	600	4	6	6	6	6	7	7
Sierra	CAR	Manhattan	MAN1201	350	36	36	36	36	37	37	37
Sierra	CAR	Mark Twain	MTW218	550	299	333	355	379	398	423	447
Sierra	CAR	Mark Twain	MTW220	550	375	417	437	456	478	503	529
Sierra	CAR	Mason Valley	MNV2501	550	397	484	488	491	496	520	545
Sierra	CAR	Mason Valley	MNV2506	550	79	79	80	80	81	82	82
Sierra	CAR	Mason Valley	MNV2507	550	250	256	257	259	261	264	267
Sierra	CAR	Mason Valley	MNV2508	550	1	1	1	1	1	1	1
Sierra	TM	McCarran	MCN1	550	321	322	324	327	331	333	335
Sierra	TM	McCarran	MCN2	550	159	160	160	161	163	164	165
Sierra	EAST	McCoy Mine	MCY201	175	27	27	27	28	28	28	29
Sierra	TM	Mill Street	MIL1	475	335	345	347	350	354	359	364
Sierra	TM	Mill Street	MIL2	384	31	31	31	31	32	32	32
Sierra	TM	Mill Street	MIL3	475	285	285	303	313	323	332	341
Sierra	CAR	Millers^	MLR41	200	22	29	29	29	30	32	34
Sierra	CAR	Mina	MNA1202	350	9	9	9	9	9	9	9
Sierra	CAR	Mina	MNA1203	350	9	9	9	9	9	10	10
Sierra	CAR	Mina	MNA1204	170	8	8	8	8	8	8	8
Sierra	CAR	Minden	MIN1272	550	97	98	99	99	100	101	102
Sierra	CAR	Minden	MIN1273	550	94	94	95	96	97	97	98
Sierra	TM	Mira Loma	MIR2502	550	432	475	501	509	514	534	554
Sierra	TM	Mira Loma	MIR2503	550	291	310	326	335	338	350	362
Sierra	TM	Mira Loma	MIR2504	550	367	381	395	409	413	425	436
Sierra	TM	Moana	MOA2	384	13	14	14	14	14	15	15
Sierra	TM	Moana	MOA3	475	263	263	264	266	269	270	272
Sierra	TM	Mount Rose	MTR203	570	215	218	221	223	226	229	232
Sierra	TM	Mount Rose	MTR210	550	346	350	351	353	356	359	361
Sierra	TM	Mount Rose	MTR242	855	262	263	265	267	269	271	273

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	TM	Mount Rose	MTR243	550	257	258	259	261	263	265	267
Sierra	TM	Mount Rose	MTR282	550	358	374	388	402	413	427	441
Sierra	CAR	Muller	MUR1295	550	330	341	345	348	351	356	362
Sierra	CAR	Muller	MUR1296	855	731	789	821	838	854	885	916
Sierra	CAR	No Name Hill	NNH1201	600	2	146	146	147	149	186	222
Sierra	TM	North Red Rock	NRR2503	550	392	411	424	438	451	466	480
Sierra	TM	North Red Rock	NRR2504	550	297	329	396	406	417	448	478
Sierra	EAST	North Valmy	NVY2401	175	8	8	8	8	8	8	8
Sierra	EAST	North Valmy	NVY2402	550	29	29	29	29	29	30	30
Sierra	EAST	North Valmy	NVY2403	600	32	32	32	32	33	33	33
Sierra	TM	Northwest^	NOW206	550	182	182	183	185	187	188	189
Sierra	TM	Northwest^	NOW207	550	407	417	423	426	430	436	441
Sierra	TM	Northwest^	NOW208	550	287	290	291	293	296	298	300
Sierra	TM	Northwest^	NOW216	550	432	443	465	478	482	495	507
Sierra	TM	Northwest^	NOW218	550	184	191	198	199	201	205	209
Sierra	TM	Northwest^	NOW244	550	372	381	386	392	395	401	407
Sierra	EAST	Osgood Valley	OSG201	350	14	14	15	15	15	15	15
Sierra	EAST	Osgood Valley	OSG202	550	44	45	45	45	46	46	46
Sierra	CAR	Overland	OVL1250	550	79	80	80	81	82	82	83
Sierra	CAR	Overland	OVL1260	550	121	123	125	127	129	131	133
Sierra	CAR	Overland	OVL1265	550	467	531	613	690	720	784	847
Sierra	CAR	Overland	OVL1270	550	183	208	229	231	233	245	258
Sierra	EAST	Parran	PAR724	50	3	3	3	3	3	3	3
Sierra	TM	Patrick	PAT224	855	126	257	355	455	484	574	663
Sierra	TM	Patrick	PAT225	855	468	704	865	952	976	1,103	1,230
Sierra	TM	Patrick	PAT226	550	262	384	490	589	617	705	794
Sierra	CAR	Pinenut	PNT1251	550	373	374	376	379	383	386	388
Sierra	CAR	Pinenut	PNT1252	600	214	214	215	216	218	219	220
Sierra	CAR	Pinenut	PNT1253	550	194	221	232	240	242	254	266
Sierra	CAR	Pinenut	PNT1254	550	413	419	421	424	428	432	436
Sierra	TM	Pyramid	PYD1	550	195	196	197	198	200	201	202
Sierra	TM	Pyramid	PYD2	550	126	127	127	129	130	131	132
Sierra	TM	Pyramid	PYD3	384	79	89	99	109	117	127	137
Sierra	TM	Pyramid	PYD4	384	7	7	7	8	8	8	8
Sierra	FF	Ray Couch	RYC1206	550	141	145	214	215	217	237	256
Sierra	FF	Ray Couch	RYC1207	550	400	417	419	422	427	434	440
Sierra	FF	Ray Couch	RYC1208	550	174	177	178	179	181	183	184
Sierra	EAST	Red House	RED1401	175	4	4	4	4	4	4	4
Sierra	EAST	Reese River	RRV230	265	82	88	92	94	95	98	101
Sierra	EAST	Reese River	RRV231	265	22	41	41	41	42	47	52
Sierra	TM	Reno	RNO1	550	80	80	81	81	82	83	83
Sierra	TM	Reno	RNO204	570	134	136	137	138	139	140	142
Sierra	TM	Reno	RNO216	550	180	183	185	188	191	193	196
Sierra	TM	Reno	RNO240	550	325	331	361	363	367	378	388
Sierra	TM	Reno	RNO243	570	229	230	231	233	235	237	238
Sierra	TM	Reno	RNO247	560	289	317	337	357	377	399	421
Sierra	TM	Reno	RNO263	560	247	265	267	269	272	278	284
Sierra	TM	Reno	RNO285	550	211	211	212	213	216	217	218
Sierra	TM	Reno	RNO4	384	98	98	99	100	102	103	103
Sierra	TM	Reno	RNO6	384	120	120	120	120	120	120	120
Sierra	EAST	Rose Creek	RCR201	175	54	54	55	55	56	56	56
Sierra	STAH	Round Hill	RDH1502	550	248	283	292	298	301	314	327
Sierra	STAH	Round Hill	RDH1503	550	257	258	260	262	264	266	268
Sierra	STAH	Round Hill	RDH1504	550	323	346	353	359	363	373	383
Sierra	CAR	Round Mountain	RDM2220	350	80	80	80	81	81	82	82
Sierra	CAR	Round Mountain	RDM2221	570	382	382	384	386	390	392	394

NEVADA POWER COMPANY AND SIERRA PACIFIC POWER COMPANY**2026-2032 FEEDER PEAK FORECAST**

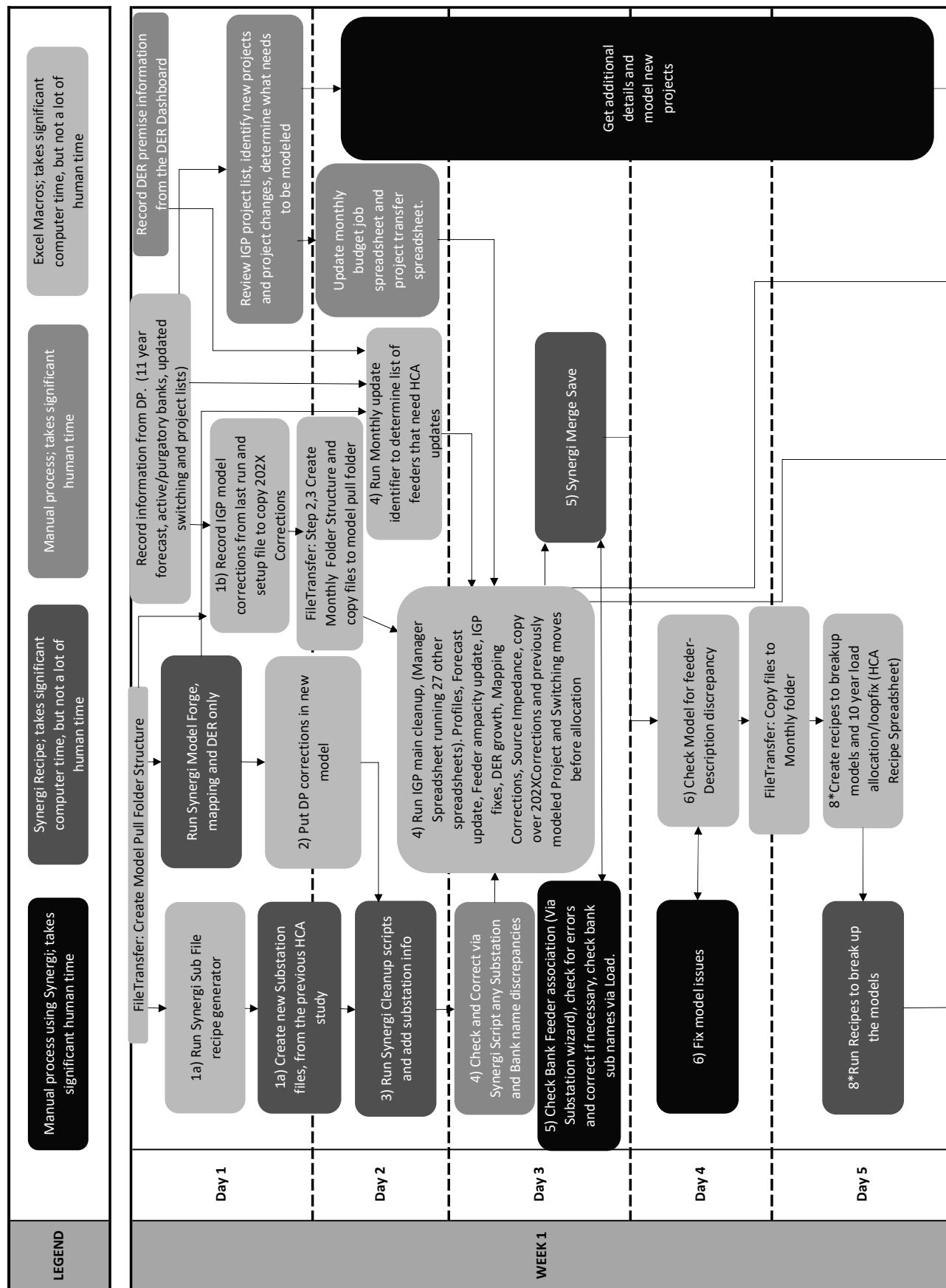
Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	CAR	Round Mountain	RDM2222	1155	273	273	275	277	279	281	283
Sierra	TM	Rusty Spike	RSK221	550	59	65	68	71	74	77	81
Sierra	TM	Rusty Spike	RSK254	550	473	479	485	489	494	499	504
Sierra	TM	Rusty Spike	RSK260	550	183	206	219	223	226	236	247
Sierra	EAST	Rye Patch	RPH21	350	179	182	183	184	186	188	190
Sierra	CAR	Sandia	SND1201	350	46	46	46	47	47	47	48
Sierra	EAST	Setty	STY2402	365	44	44	44	45	45	45	46
Sierra	EAST	Setty	STY251	550	10	10	10	10	10	10	10
Sierra	TM	Silver Lake	SLK255	550	267	270	275	291	309	320	330
Sierra	TM	Silver Lake	SLK256	550	232	232	233	235	237	239	240
Sierra	TM	Silver Lake	SLK257	550	295	303	309	316	323	331	338
Sierra	TM	Silver Lake	SLK258	550	519	539	547	555	564	575	587
Sierra	CAR	Silver Peak	SVR203	350	77	132	133	134	135	150	164
Sierra	CAR	Silver Springs	SIL1211	550	328	344	348	350	353	359	365
Sierra	CAR	Silver Springs	SIL1212	550	71	80	87	89	91	95	100
Sierra	CAR	Smith Valley	SVL2501	550	116	116	117	118	119	120	120
Sierra	CAR	Smith Valley	SVL2502	550	52	53	53	54	54	55	55
Sierra	CAR	Smith Valley	SVL2504	550	55	59	59	60	60	61	63
Sierra	CAR	Smith Valley	SVL2506	550	158	158	159	160	162	163	164
Sierra	EAST	Sonoma Heights	SHT206	350	1	1	1	1	1	1	1
Sierra	EAST	Sonoma Heights	SHT21	570	192	193	194	195	197	198	200
Sierra	EAST	Sonoma Heights	SHT23	350	143	143	144	145	146	147	148
Sierra	EAST	Sonoma Heights	SHT704	350	29	29	29	30	30	30	30
Sierra	TM	South Meadows	SMD2503	600	446	458	465	469	474	481	488
Sierra	TM	South Meadows	SMD2504	600	318	319	321	323	327	329	332
Sierra	TM	Spanish Springs	SSP270	855	452	481	508	537	544	567	590
Sierra	TM	Spanish Springs	SSP271	550	345	345	347	349	353	355	357
Sierra	TM	Spanish Springs	SSP272	550	406	428	430	432	436	444	451
Sierra	TM	Spanish Springs	SSP273	855	485	540	587	635	660	704	747
Sierra	TM	Spanish Springs	SSP274	550	202	204	206	208	210	212	214
Sierra	TM	Spanish Springs	SSP275	855	808	828	837	843	850	861	871
Sierra	TM	Sparks Industrial	SID261	550	191	191	192	193	195	197	198
Sierra	CAR	Stagecoach	STA217	265	65	68	68	68	69	70	71
Sierra	STAH	Stateline	STL2200	550	229	229	231	232	235	236	237
Sierra	STAH	Stateline	STL2300	550	209	209	210	211	213	215	216
Sierra	STAH	Stateline	STL3101	550	398	399	401	403	407	410	412
Sierra	STAH	Stateline	STL3501	550	240	241	242	243	246	247	249
Sierra	TM	Stead	STD257	550	92	117	136	137	138	150	161
Sierra	TM	Stead	STD259	550	73	73	73	74	74	75	75
Sierra	TM	Steamboat	STM210	550	360	363	366	370	375	379	383
Sierra	TM	Steamboat	STM212	550	435	462	485	505	532	556	580
Sierra	TM	Steamboat	STM213	550	332	345	348	351	355	361	366
Sierra	TM	Steamboat	STM214	550	234	240	241	244	246	250	253
Sierra	TM	Steamboat	STM215	550	88	90	90	91	92	93	94
Sierra	TM	Steamboat	STM219	315	1	1	1	1	1	1	1
Sierra	TM	Steamboat	STM268	550	264	274	279	281	284	289	294
Sierra	CAR	Stickleman	STK1201	350	38	38	38	39	39	39	39
Sierra	TM	Sugarloaf	SLF2505	550	331	407	523	626	666	749	833
Sierra	TM	Sugarloaf	SLF2509	940	764	800	833	863	893	926	958
Sierra	TM	Sugarloaf	SLF2510	550	117	141	144	146	148	155	163
Sierra	TM	Sugarloaf	SLF301	550	252	261	265	268	271	276	281
Sierra	TM	Sugarloaf	SLF303	855	625	642	658	672	678	691	704
Sierra	TM	Sutro	SUT241	480	166	166	167	168	170	171	171
Sierra	EAST	T Lazy S	TLS240	265	41	43	43	44	44	45	46
Sierra	CAR	Topaz	TPZ1201	265	60	60	60	61	61	62	62
Sierra	CAR	Topaz	TPZ1202	600	135	135	135	136	138	139	139

2026-2032 FEEDER PEAK FORECAST

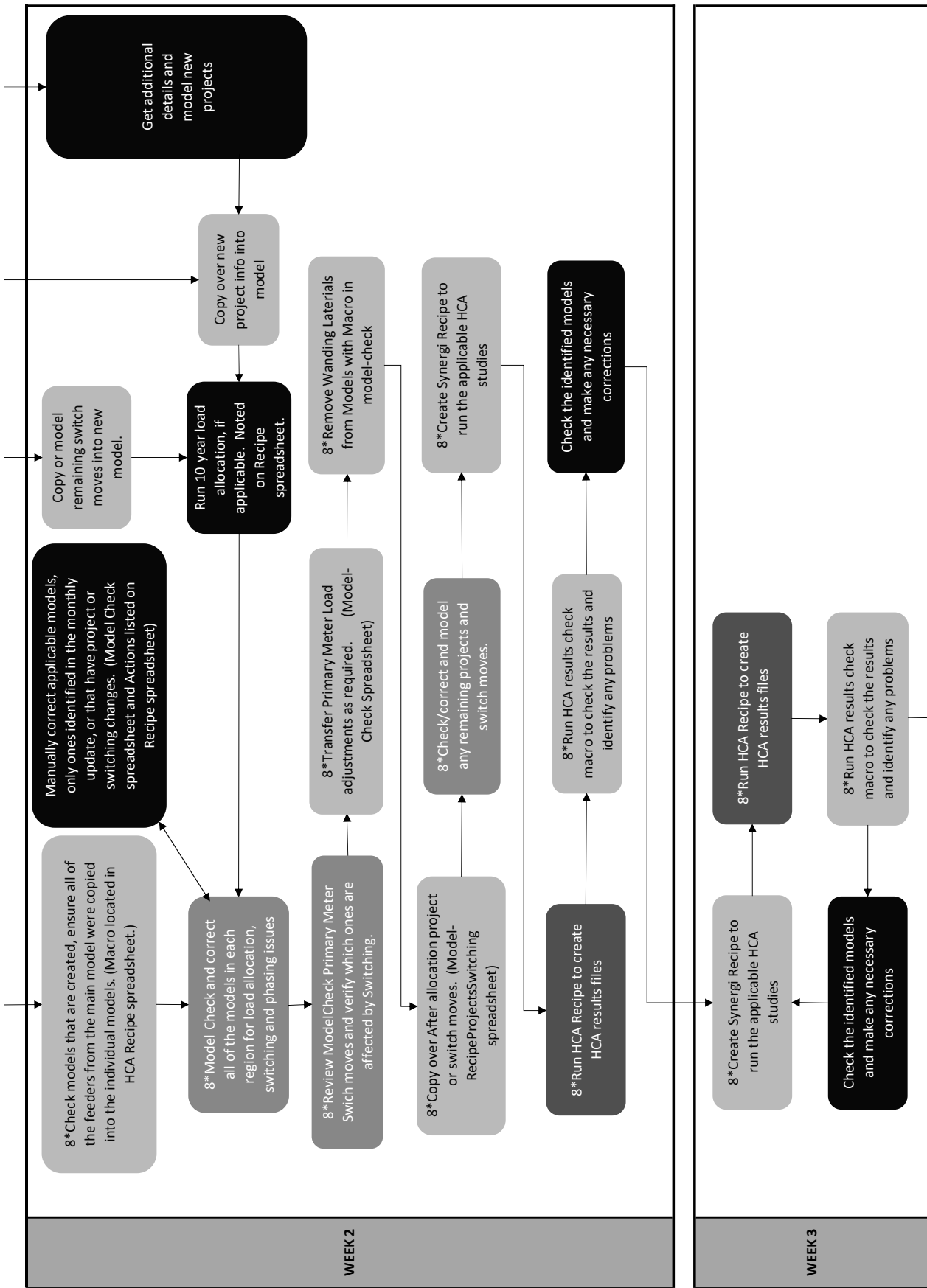
Company	Region	Substation	Feeder	Rating (amps)	2026	2027	2028	2029	2030	2031	2032
Sierra	EAST	Toulon	TLN701	170	6	26	26	26	26	31	36
Sierra	NTAH	Truckee	TRK7202	315	20	20	20	20	21	21	21
Sierra	NTAH	Truckee	TRK7203	570	350	350	352	355	358	360	362
Sierra	NTAH	Truckee	TRK7204	570	49	49	49	50	50	50	51
Sierra	TM	University	UNV2	475	79	79	80	81	82	83	84
Sierra	TM	Valley Road	VAL244	395	6	41	71	78	79	98	116
Sierra	TM	Valley Road	VAL246	470	199	207	211	213	215	219	223
Sierra	TM	Valley Road	VAL248	395	281	317	325	327	330	343	355
Sierra	TM	Valley Road	VAL249	550	417	439	450	462	468	481	494
Sierra	TM	Valley Road	VAL251	395	166	173	179	181	182	186	191
Sierra	TM	Valley Road	VAL254	395	28	53	73	92	94	111	127
Sierra	TM	Valley Road	VAL262	470	444	454	473	494	512	529	546
Sierra	CAR	Virginia City	VCY213	265	4	4	4	4	5	5	5
Sierra	CAR	Virginia City	VCY214	265	21	21	21	21	21	21	21
Sierra	CAR	Virginia City	VCY215	350	31	32	32	32	33	33	33
Sierra	FF	Wadsworth	WAD1220	265	19	19	19	19	19	20	20
Sierra	FF	Wadsworth	WAD1221	365	102	103	103	103	104	105	105
Sierra	TM	Washoe PH	WSO201	150	30	30	30	30	30	30	31
Sierra	TM	Washoe PH	WSO203	550	1	1	1	1	1	1	1
Sierra	TM	West 7th Street	WST1	550	156	171	181	192	197	207	217
Sierra	TM	West 7th Street	WST2	550	265	266	268	270	274	276	278
Sierra	CAR	West Tonopah	WTP1201	550	134	152	153	154	156	161	167
Sierra	CAR	West Tonopah	WTP1202	230	71	72	73	73	74	75	76
Sierra	CAR	West Tonopah	WTP1203	550	73	73	74	74	75	75	76
Sierra	FF	Westside^	WES1211	550	209	209	211	212	214	215	217
Sierra	FF	Westside^	WES1212	550	136	137	138	138	140	141	142
Sierra	FF	Westside^	WES1213	550	79	79	80	80	81	81	82
Sierra	TM	Wheeler	WLR2	475	198	199	200	202	204	206	207
Sierra	EAST	Winnemucca	WIN201	550	201	203	204	206	208	209	211
Sierra	EAST	Winnemucca	WIN205	550	286	290	293	295	298	301	304
Sierra	EAST	Winnemucca	WIN206	550	143	150	153	154	156	159	162
Sierra	EAST	Winnemucca	WIN701	175	44	45	45	45	46	46	46

DRP-4

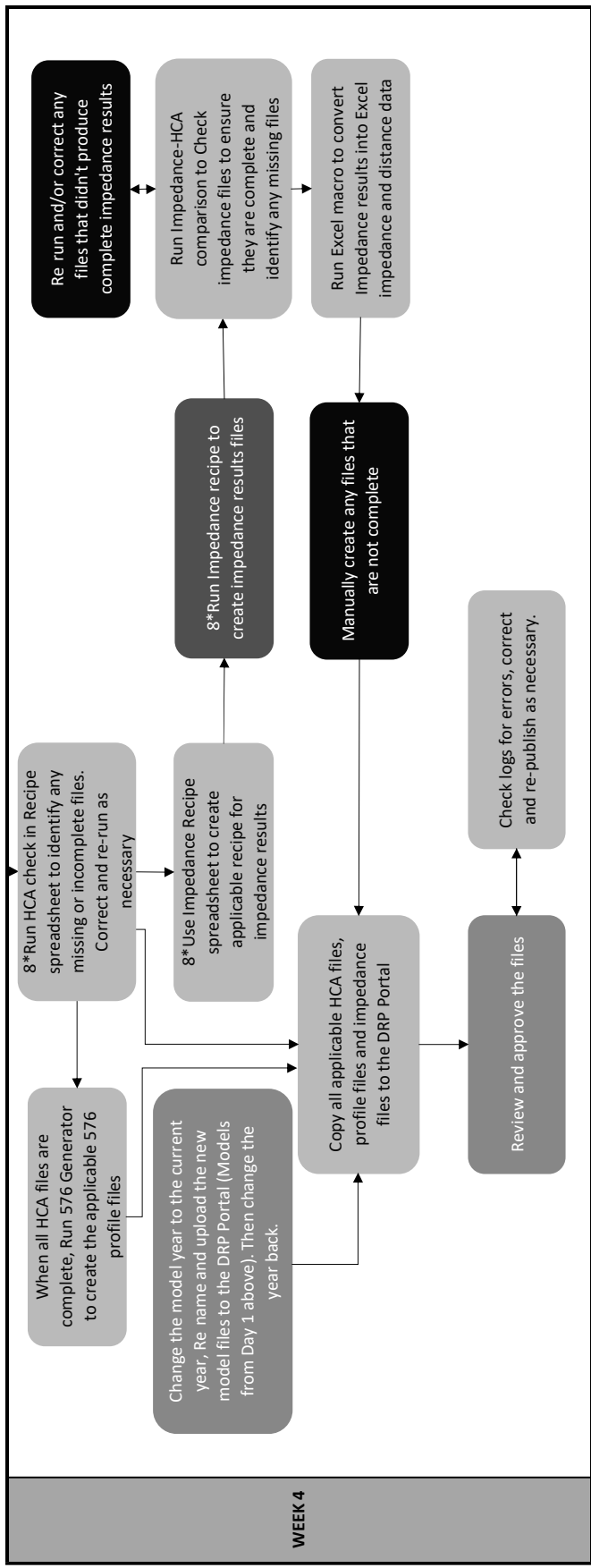
NV ENERGY HCA MONTHLY UPDATE INTERNAL PROCESS FLOWCHART



NV ENERGY HCA MONTHLY UPDATE INTERNAL PROCESS FLOWCHART



NV ENERGY HCA MONTHLY UPDATE INTERNAL PROCESS FLOWCHART



DER = Distributed Energy Resources
DP = Distribution Planning Department
HCA = Hosting Capacity Analysis
IGP = Integrated Grid Planning Department

DRP-5



NV ENERGY DISTRIBUTED RESOURCES PLAN WEB PORTAL USER GUIDE

Version 3.2

May 10, 2023

Table of Contents

Introduction	2
Acronyms & Definitions	2
Overview	3
Access and Login Page Information	4
Navigation, Zoom & Levels.....	8
Hosting Capacity Analysis	11
Grid Needs Assessment.....	22
Locational Net Benefits Analysis	28

DISCLAIMER:

While NV Energy makes every effort to ensure the accuracy of the information on its Distributed Resources Plan Web Portal (“DRP Web Portal”), the data provided is for informational purposes only and NV Energy makes no guarantee, expressly or implied, regarding the accuracy, completeness, and/or suitability of the information presented on the DRP Web Portal for any purpose. In no event will NV Energy be responsible for the consequences associated with use of the information. Please refer to NV Energy’s Privacy and Usage policies on the DRP Web Portal for complete information regarding its use.

VERSION	ISSUE DATE	COMMENTS
1.0	September 9, 2019	Initial version
1.1	December 20, 2019	Added details of the new data download capabilities
2.0	June 1, 2020	Added details of multiple enhancements to the portal
3.0	June 24, 2021	Revised registration and logon due to transition to Microsoft Authenticator
3.1	September 26, 2022	Revised access screen graphic on page 4
3.2	May 10, 2023	Minor wording changes



Introduction

Acronyms & Definitions

Distributed Energy Resource(s) (“DER” or “DERs”) – Distributed generation systems, energy efficiency, energy storage, electric vehicles and demand-response technologies, which can be in front of or behind the meter.

Distributed Resources Plan (“DRP”) – Pursuant to Nevada Revised Statutes §704.741(4), the plan required by 2017 Nevada Senate Bill 146 to be filed by NV Energy triennially as part of its Integrated Resource Plan.

Distribution Management System (“DMS”) – A collection of applications designed to monitor and control a distribution network efficiently, reliably, and safely.

Feeder – A medium voltage (e.g., 4 kV, 12 kV or 25 kV) line either overhead or underground that provides service from a substation transformer to a low voltage electric system or directly to the customer.

Generation Hosting Capacity (“GHC”) – The available incremental Hosting Capacity based upon the Uniform Generation analysis case in the Hosting Capacity Analysis before a thermal, steady-state voltage, or voltage variation limitation is encountered.

GHG – Greenhouse Gas.

Grid Needs Assessment (“GNA”) – A summary that includes the constraints on a utility’s electric grid and solutions to those constraints. It includes all analysis of non-wires alternatives’ suitability to mitigate identified constraints, results of locational net benefit analysis and recommendations for the deployment of utility infrastructure upgrade solutions and non-wires alternative solutions to identified constraints.

Hosting Capacity Analysis (“HCA”) – The analysis to determine the amount of Distributed Energy Resources that can be accommodated on a particular feeder section of the distribution system at a given time under existing and forecasted grid conditions and operations without adversely impacting safety, power quality, reliability, or other operational criteria.

kVA – kilo Volt-Amperes.

Load Hosting Capacity (“LHC”) – The available incremental Hosting Capacity based upon the Uniform Load analysis case in the Hosting Capacity Analysis before a thermal, steady-state voltage, or voltage variation limitation is encountered.



Locational Net Benefit Analysis (“LNBA”) – A cost benefit analysis of Distributed Energy Resources that incorporates the location-specific net benefits to the electric grid.

Non-Wires Alternative (“NWA”) – A solution to an identified constraint(s) on a utility’s electric grid that may include the deployment of a Distributed Energy Resource or suite (package) of Distributed Energy Resources.

NPC – Nevada Power Company.

NVE – NV Energy.

OMAG – Operation, Maintenance, Administrative, and General expenses.

Photovoltaic Hosting Capacity (“PHC”) – The available incremental Hosting Capacity based upon the Photovoltaic analysis case (focused on the hours of 10:00-16:00) in the Hosting Capacity Analysis before a thermal, steady-state voltage, or voltage variation limitation is encountered.

PV – Photovoltaic.

RPS – Renewable Portfolio Standard.

SPPC – Sierra Pacific Power Company.

T&D – Transmission and distribution.

Overview

In response to 2017 Nevada Senate Bill 146 and the resulting regulations in Nevada Revised Statutes and Nevada Administrative Code, NV Energy developed and filed its first Distributed Resources Plan (“DRP”) with the Public Utilities Commission of Nevada on April 1, 2019. Additions to regulation required updates to NV Energy’s distribution system Hosting Capacity Analysis (“HCA”) to be made publicly available at least bi-annually and NV Energy’s corporate website to contain a portal that provides maps and accessible, downloadable electronic data for distribution to the public. To comply with these requirements, NV Energy developed its publicly-accessible DRP Web Portal.



The information on NV Energy's **DRP Web Portal** can assist developers and vendors seeking information to support quality decisions in siting Distributed Energy Resource ("DER") solutions. The **DRP Web Portal** provides HCA, Grid Needs Assessment ("GNA"), and Locational Net Benefit Analysis ("LNBA") information for NV Energy's electric distribution system, allowing users to quickly find areas that have constraints, greater ability to incorporate new DER capacity, or enhanced benefit of locating DERs in a given area. NV Energy's electric transmission lines are not shown on the **DRP Web Portal** maps.

Although some of the data values accessible on the **DRP Web Portal** may have been updated since the date shown, this User Guide reflects only the type of information and capabilities of the **DRP Web Portal** available as of the version date shown. This User Guide will be updated when additional information or capabilities have been added to the **DRP Web Portal**.

NOTE: The data for certain distribution feeders have been redacted from the map views resulting in blank areas on the map where feeders actually exist. Consequently, the HCA, GNA, and LNBA data discussed in this User Guide is not available on the **DRP Web Portal** for these feeders.

Access and Login Page Information

NOTE: The **DRP Web Portal** must be accessed through the **Microsoft Edge** or **Google Chrome** web browsers.

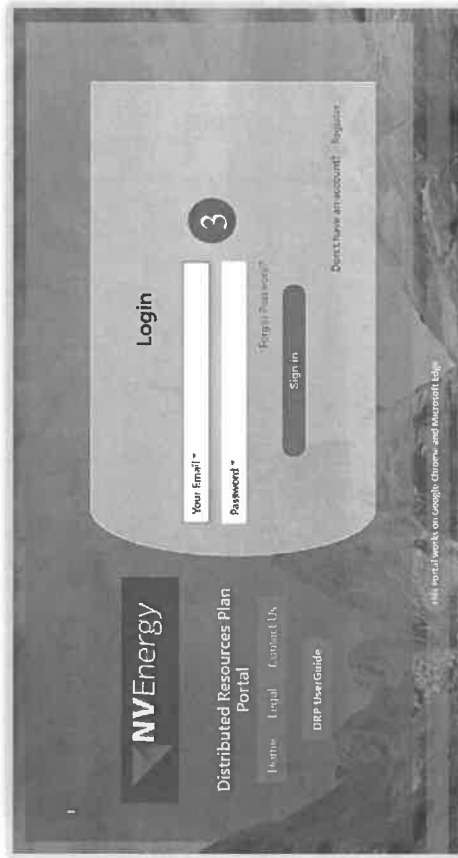
NV Energy's **DRP Web Portal** can be accessed in two ways, either from the company's public website at <https://www.nvenergy.com/>, or directly via this link: <https://drp.nvenergy.com/>. NV Energy requires users of the **DRP Web Portal** to register and proceed through a multifactor authentication process using the free **Microsoft Authenticator** app prior to gaining access and each time a user logs into the **DRP Web Portal**. From the main page on NV Energy's website:

- 1 On the upper right, click on **Clean Energy**.
- 2 Scroll all the way down to the bottom of the screen and click on **Distributed Resource Plan-Developer Portal**.



[Using the <https://drp.nvenergy.com/> link will bring you directly to the **DRP Web Portal** login page.]
Click on **Register** if you are a new user. If you have already registered, just enter your e-mail and password, click **Sign in**, and you will be brought to the **Microsoft Authenticator** screen shown in 5. below.
If you forgot your password, or your password has expired, click **Forgot Password?** to reset it.

3



If registering, enter the requested information and click the box agreeing to the terms and conditions of NV Energy's Privacy and Usage policies. These policies may be viewed by clicking on the red text. When finished, click **Proceed** and you will be brought to the Register screen shown in 6. below.

4



NOTE: Users must download the free **Microsoft Authenticator** app onto a compatible mobile device such as a smart phone or tablet prior to the next step in the login process and follow the instructions in the app to create an account. Once a user has registered and attempts to log in, the **Microsoft Authenticator** app produces a rotating six-digit verification code that the user will be required to enter as the second step in the multifactor authentication process of the identity of the user. Do not delete the **Microsoft Authenticator** app as it will need to be used in each login process. Android OS users must use Version 6.0 or higher and iPhone users must use iOS Version 11.0 or higher to ensure compatibility with the **Microsoft Authenticator** app.

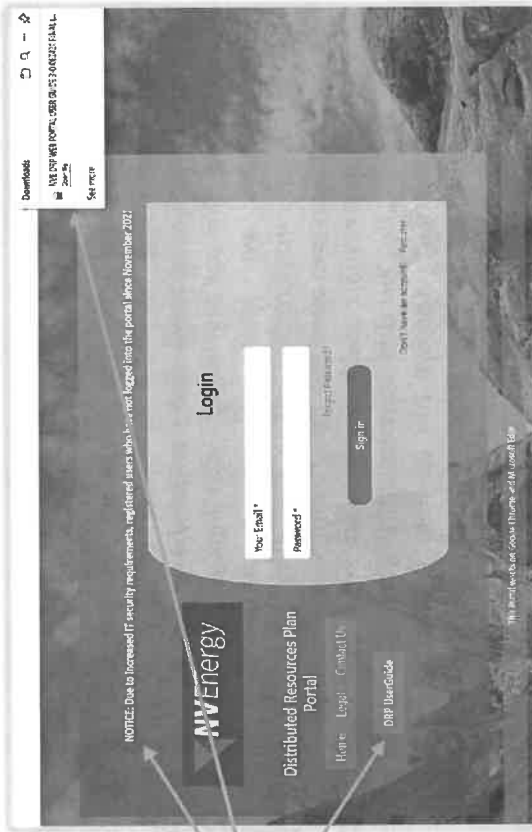


Access the Microsoft Authenticator app on your mobile device, note the six digit code that the app provides, then enter that code into the **Enter Verification Code** space provided. When finished, click **Continue** and the next screen will be the **DRP Web Portal** landing page. (Users may click **Cancel** to return to the login screen.)

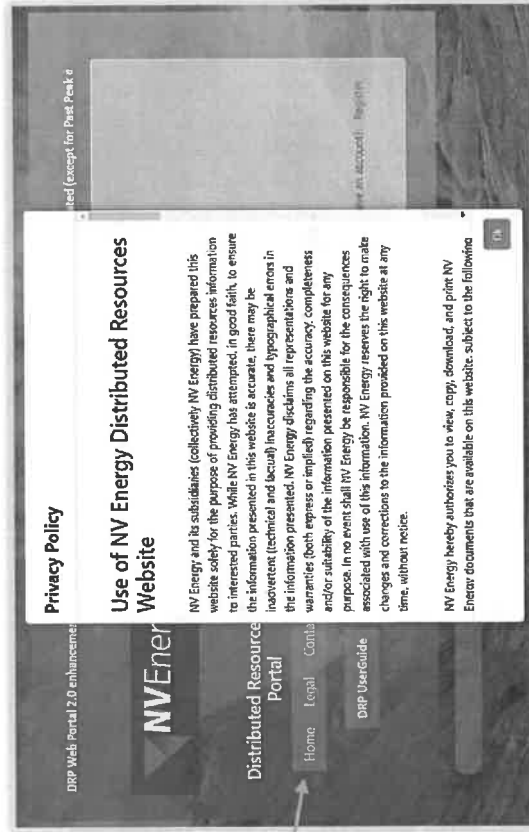


If registering, the user will be brought to this screen from the screen shown in 4. above. Users may download the Microsoft Authenticator app from this screen if they do not already have it. Access the Microsoft Authenticator app on your mobile device, tap the + sign on the upper right, select the type of account, choose **Scan QR code** and scan the QR code on the **DRP Web Portal** registration screen. This will generate a six-digit code on the Microsoft Authenticator app. Enter that six-digit code into the **Enter Verification Code** space provided on the **DRP Web Portal** registration screen. When finished, click **Continue**. Users will then be redirected to the login screen in 3. above to login.

A scrolling newsletter across the top of the page contains announcements or status of activities. Click **DRP User Guide** to download the latest version of the User Guide. The downloaded file will appear in a popup box on the upper right of the screen. Click **Open File** to access the file.



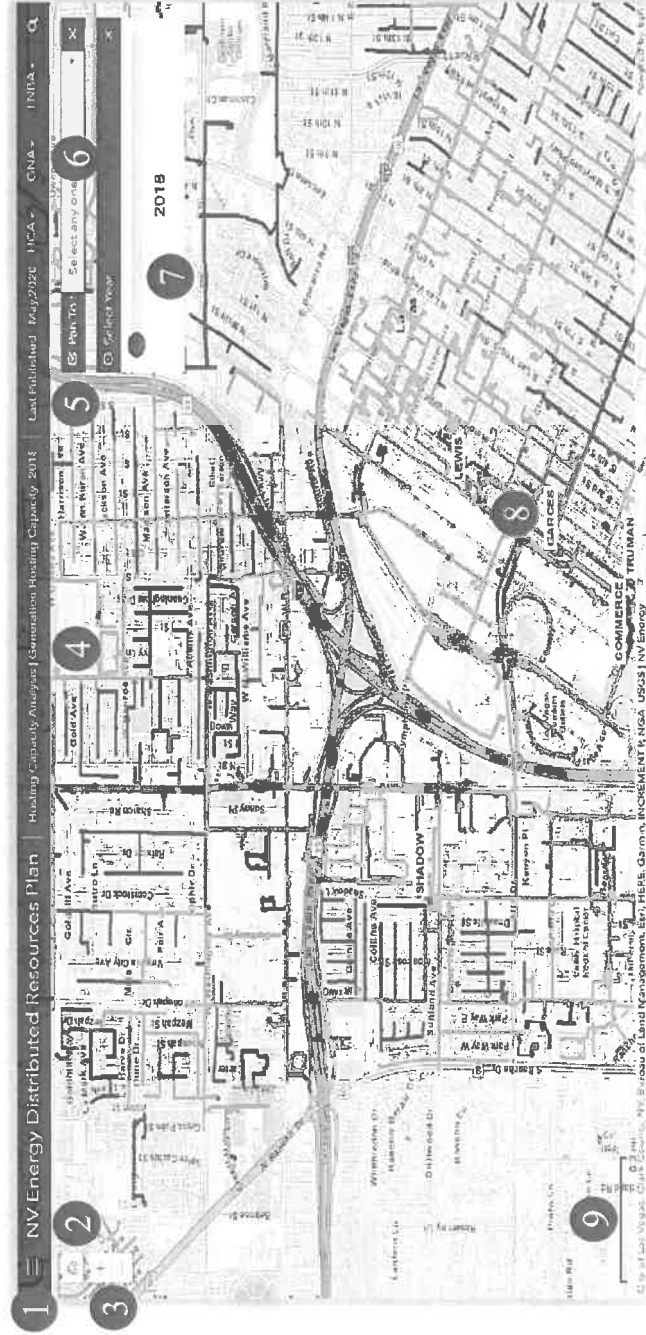
Click **Home** to be brought back to the login page. Click **Legal** to access NV Energy's Privacy and Usage Policy. Click **Contact Us** to access a webpage containing contact phone numbers.



Navigation, Zoom & Levels

After successful login, the landing page is centered on the Las Vegas area at the 0.3 mile zoom level. The base year will progress annually (presently, it is 2022). Click and hold the left mouse button to drag the map and move in any direction.

- 1 Click the three-line "hamburger" symbol to access additional menu options.
- 2 Click the **Home** icon to return to the default location and zoom level.
- 3 Click + or - to zoom in or out, or use the click-wheel on the mouse.
- 4 The data and year being displayed is indicated here.
- 5 The month and year that data was last updated is shown here.
- 6 Click on **HCA**, **GNA**, or **LNBA** to display that data.
- 7 Move the slider to display data for different years.
- 8 Substations show as blue squares with blue name labels.
- 9 The scale indicator is on the bottom left of the map.



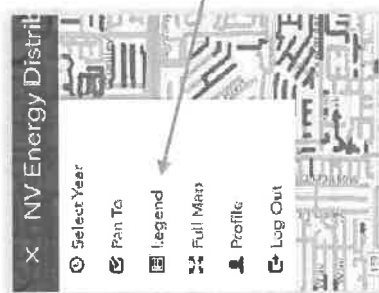
Click the **Magnifying Glass** icon to open a Search By box. Click the radio buttons on the left to select the desired search parameter, then either click on a 'Select any one' box to select the desired substation or feeder, or enter text into the boxes to find a street address or intersection. Click **Search** to begin the search. The map will move and be centered on the selected parameter(s). Substations and feeders will be highlighted in blue. Click anywhere on the map to remove the highlighting. Street addresses or intersections will be indicated with a red and yellow drop pin.



Click 'Select any one' in the **Pan To** box to open a list of substation transformers. Select the desired transformer and the map will move and be centered on the feeders served from that transformer. The feeders will be highlighted blue. Click anywhere on the map to remove the highlighting. If all the feeders served from a transformer have been redacted, a popup will indicate that the transformer cannot be found.

Clicking the three-line “hamburger” symbol provides access to the **Select Year**, **Pan To**, **Legend**, **Full Map**, **Profile**, and **Log Out** dropdown menu.

Select Year activates the popup slider box on the upper right side of the map. **Pan To** activates a search box on the upper right side of the map. Details of the **Legend** are explained below. **Full Map** removes the information bar across the top of the map. **Profile** activates a popup box wherein a user can edit their profile information. **Log Out** brings the user back to the login page.



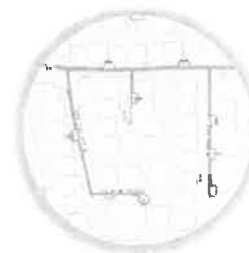
Starting at 100 miles zoom, substation locations appear as blue squares. At 6 miles zoom, they appear as green squares on the GNA screen, and as red squares on the LNBA screen.



At 4 miles zoom, substation name labels appear. At 1 mile zoom, feeders appear as black lines on the HCA screen, and colorization of feeders appears on the GNA and LNBA screens.



At 0.4 mile zoom, colorization of the feeders appears on the HCA screen and feeder sections can be clicked on to display data.



At 300 feet zoom, black crosses representing service transformers begin to appear on the HCA screen. The crosses are green on the GNA screen and are red on the LNBA screen.

Hosting Capacity Analysis

NV Energy performs its HCA studies using the Synergi Electric power flow software (“Synergi”). As available, 15-minute metered data is used to create an annual hourly loading profile for each electric distribution feeder. The highest and lowest loading days in each month for each feeder are determined from the loading profile data, and the resulting 576 loading data points are extracted for both kW and kVAR. The resulting 576 x 2 loading data points (24 hours times 12 data points for the highest loading day each month, plus 24 hours times 12 data point for the lowest loading day each month, times two for both kW and kVAR values) are provided to Synergi for the time-series HCA studies.

The approach to determine the hosting capacity on each section of NV Energy’s feeders includes three scenarios: Uniform Generation, Uniform Load, and Solar PV. The Uniform Generation analysis case simulates the effects of distributed generation systems (*e.g.*, solar PV, wind, traditional generators, or the discharging of battery energy storage systems). Simulating this case as uniform generation across the analysis timeframe accounts for the myriad of actual future scenarios where DERs could be generating at a variety of levels and times throughout the day and year. The Uniform Load analysis case simulates the effects of additional load being imposed on the feeder sections (*e.g.*, load growth, charging of battery energy storage systems or electric vehicles, or demand response). Simulating this case as uniform load across the analysis timeframe accounts for the myriad of actual future scenarios where new load or load modifying programs could be interacting with each other at a variety of levels and times throughout the day and year. The Solar PV analysis case is the same as the Uniform Generation case but presents results focusing only on the hours of 10:00 a.m. through 4:00 p.m. when solar output is expected to be at its highest and ensures that no practical limits need to be placed on solar PV operation.

The HCA studies utilize several criteria to determine technical limitations: steady-state voltage (maximum 126 volts and minimum 114 volts), voltage variation (three-volt maximum variation for steady-state voltage, not reflective of transient voltage fluctuations or harmonics), and thermal loading (normal continuous thermal ratings of equipment). Regarding reverse power flow, a limit based upon reverse power flow at the headend of the feeder and/or thermal loading are both calculated in the studies (and the lower value is selected as the reverse power flow limit value) but are not presently used as a criterion that would limit the hosting capacity of a feeder section. NV Energy may introduce system protection and operational/reliability related criteria into the HCA studies in the near future.

The HCA studies are run on each section of NV Energy’s feeders, providing the most granular results possible. The HCA data provided on the DRP Web Portal represents the results of these analyses that determine the available *incremental* hosting capacity (*i.e.*, the available incremental amount of DER capacity above whatever amount of DER capacity currently exists) on each section of NV Energy’s feeders for the three scenarios referenced above.

Legend Information

The screenshot shows the NV Energy Distributed Resources Plan web application. The interface includes a top navigation bar with the title "NV Energy Distributed Resources Plan" and a sub-header "Hosting Capacity Analysis | Generation Hosting Capacity". A left sidebar contains a menu with options: "Select Year", "Pan To", "Legend", "Full Map", "Profile", and "Log Out". The main map area displays a street map with various data overlays. A legend box is open, showing the following categories and symbols:

- DRP WebApp Substations**: Represented by blue squares.
- Substation**: Represented by a blue square.
- Sections HCA GHC**: Represented by colored lines (red, amber, green) corresponding to different capacity ranges:
 - 0 - 1.0 (MW)
 - 1.1 - 5.0 (MW)
 - 5.1+ (MW)
- Feeder**: Represented by a black line.
- Feeder with No Data**: Represented by a dashed black line.

Callout boxes provide additional information:

- To access the Legend, click the three-line "hamburger" symbol and then click Legend.** (Points to the hamburger menu icon in the top left of the map area).
- Substation locations are shown as blue squares.** (Points to a blue square representing a substation on the map).
- The data being displayed is shown here.** (Points to the legend box).
- Feeder sections are colored red, amber, or green depending upon the amount of incremental hosting capacity available in MW. Colorization is based upon the ranges shown.** (Points to the colored lines representing feeder sections).
- Feeder sections with no data are shown as black lines.** (Points to a dashed black line representing a feeder with no data).

Popup Box Information

Click on any colorized feeder section to reveal a popup box that provides detailed HCA information about the feeder section. The selected feeder section(s) is highlighted in blue. All the Field Names are defined below. Click on the **Dock** icon to dock the popup box on the top right corner of the screen as you pan to different locations or zoom.

Click HCA Results, Load Profiles, or Distance & Impedance Data to begin downloading the files containing the desired data. Further details are provided below.

Toggle between displaying the HCA Data or the Distance & Impedance Data by clicking on those tabs.

Click on **HCA** to choose the **GHC**, **PHC**, or **LHC** views from the pull-down menu. The colorization of the feeders will change in accordance with these views, but the information provided in the popup box remains the same. Move the slider to display data for different years. The popup box will remain in place.

The screenshot shows a web application interface for a Distribution Resource Planning (DRP) system. At the top, there's a navigation bar with tabs: "Resources Plan", "Hosting Capacity Analysis", and "Generation Hosting Capacity: 2018". Below this, a map of a city grid is displayed. A specific feeder section is highlighted in blue. A popup box is open over this section, showing a table of data. The table has two tabs: "HCA Results" and "Distance & Impedance Data". The "HCA Results" tab is active, displaying a table with columns for "Field Name" and "Value". The table contains the following data:

Field Name	Value
Year	2018
Bank Name	SH BK 5
Feeder Name	SH1209
Feeder Voltage (kV)	12.4
Substation Name	Shadow
DMS Link ID	301527073
DER (kW)	Null
GHC (MW)	8.6

Below the table, there's a "Zoom to" button. To the right of the map, there's a vertical toolbar with buttons for "GHC", "PHC", "LHC", and "Aggregate Data". A dropdown menu is open for the "GHC" button, showing the selected view. At the bottom of the map, there's a "Last Published: May 2020" label. The map itself shows a grid of streets with various labels like "Byrnes Ave.", "Wyatt Ave.", "Freeman", "Leonard", "Harrison Ave.", "W. Van Buren Ave.", "Jackson Ave.", "W. Monroe Ave.", "Madison Ave.", and "Jefferson Ave.". The year "2018" is also displayed on the map.

Click Zoom to zoom into the selected feeder section.

HCA Popup Box - HCA Data Field Name Definitions:

Year – The year of the feeder loading data and feeder configuration used in the HCA.

Bank Name – The abbreviated name of the distribution substation transformer that the feeder section is connected to.

Feeder Name – The abbreviated name of the feeder that the feeder section is part of.

Feeder Voltage (kV) – The nominal voltage level of the feeder in kilovolts that the feeder section is part of.

Substation Name – The full name of the substation that the feeder section is connected to.

DMS Link ID – The unique identifying number for the feeder section in NV Energy's electronic mapping system.

DER (kW) – The installed total rated capacity of installed DER on the feeder section in kilowatts. "Null" means that there is no existing DER installed.

GHC (MW) – The Generation Hosting Capacity of the feeder section in megawatts.

LHC (MW) – The Load Hosting Capacity of the feeder section in megawatts.

PHC (MW) – The Photovoltaic Hosting Capacity of the feeder section in megawatts.

HCA Popup Box - Distance & Impedance Data Field Name Definitions:

DMS Link ID – The unique identifying number for the feeder section in NV Energy's electronic mapping system.

Substation ID – The abbreviated name of the distribution substation transformer that the feeder section is connected to.

Feeder ID – The abbreviated name of the feeder that the feeder section is part of.

Analysis Year – The year of the feeder loading data and feeder configuration used in the HCA.

Miles Away – The number of circuit miles from the substation to the selected feeder section.

R1 Cumulative – The cumulative positive sequence resistance from the substation to the selected feeder section.

X1 Cumulative – The cumulative positive sequence reactance from the substation to the selected feeder section.

Z1 Cumulative – The cumulative positive sequence impedance from the substation to the selected feeder section.



R0 Cumulative – The cumulative zero sequence resistance from the substation to the selected feeder section.

X0 Cumulative – The cumulative zero sequence reactance from the substation to the selected feeder section.

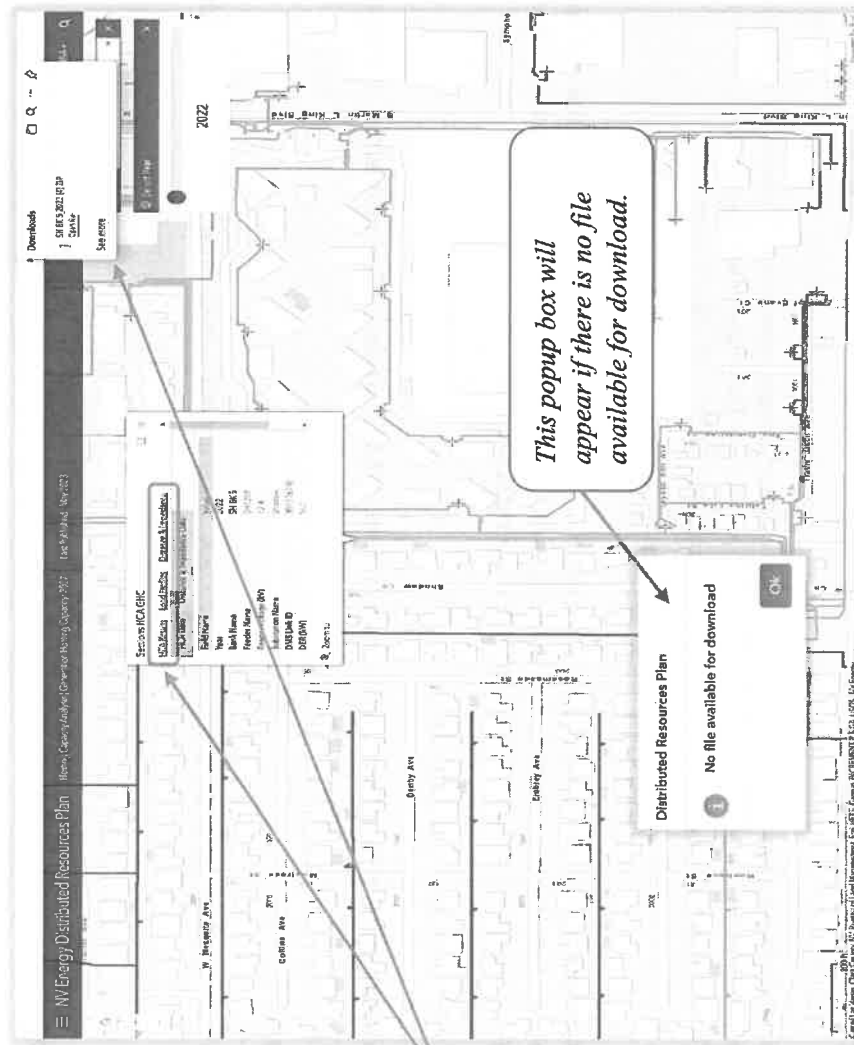
Z0 Cumulative – The cumulative zero sequence impedance from the substation to the selected feeder section.

When not zoomed in closely enough to select just one feeder section, data for multiple feeder sections will be provided. This is shown on the bottom right corner of the popup box. Click on the **Triangles** to display the data for each feeder section. The **Menu** icon can also be clicked to select between the feeder sections.

Field Name	Value
Year	2018
Bank Name	S-1 BK 5
Feeder Name	S-1209
Feeder Voltage (KV)	12.4
Substation Name	S-1209
DMS Link ID	335064355
DER (KW)	N/A
GNC (MW)	22

File Download Information

Click **HCA Results**, **Load Profiles**, or **Distance & Impedance Data** to begin downloading files containing the desired data. In this example, **HCA Results** was clicked, initiating the downloading of the Hosting Capacity Results file for the SH BK 5 substation transformer. Once successfully downloaded, a Zip file will appear on the upper right of the screen, where it can either be opened by clicking **Open File**, or the user's "Downloads" folder can be accessed. The data file will reside within the Zip file that has been placed in the user's "Downloads" folder. The Hosting Capacity Results files are in .csv format and the Load Profile data and Distance & Impedance data are in .xlsx format. Explanations for the columns in all three files are provided below.



Hosting Capacity Results Data File Column Explanations:

RecId – The unique ID of the analysis run, or the row in the file. It contains the date and time that the report resulting from the Hosting Capacity Analysis run in Synergi was created, along with a six-digit counter to uniquely identify each row in the file.

Initiated – This is the date and time that the recipe was initiated to run the Hosting Capacity Analysis in Synergi for the substation transformer.

Region – The region within NV Energy’s territory. There are five regions designated in the Nevada Power Company territory: NVE-NE (Northeast), NVE-NW (Northwest), NVE-SE (Southeast), NVE-SW (Southwest), and NVE-Strip (Las Vegas Strip area). There are three regions designated in the Sierra Pacific Power Company territory: SPPC-TM (Truckee Meadows), SPPC-NE (Northeast), and SPPC-NW (Northwest).

PlanArea – The name of the substation.

SubId – The unique identifier for the substation transformer, which begins with either a two- or three-letter abbreviation for the substation, followed by the abbreviation “BK” which is short for “bank”, and then the number identifying the substation transformer (or paralleled pair of substation transformers since Synergi gives only one number for a paralleled pair).

SubTranId – This column is not used.

FeederId – The unique identifier for the feeder, which begins with either a two- or three-letter abbreviation for the substation, followed by the number identifying the feeder.

SectId – The unique identifier for the feeder section.

AnalysisYear – The year for the analysis, which may contain forecasted amounts of DER, forecasted loading, and anticipated system configuration for that year.

UserComment – This column is not used.

Settings – This is “IHCA”, which means “Incremental Hosting Capacity Analysis”.

Season – The month of the analysis in that row; January through December.

DayType – The type of day for the analysis in that row; either “Peakday” (a high loading day) or “Minday” (a low loading day).



HourOfDay – The hour of the day for the analysis in that row: 1 through 24.

LimitFound – This is “1”, which indicates that a limit was found.

MaxGenMw – The Generation Hosting Capacity for that analysis run (row) which is the lowest of the values in the *GenMw_MaxVolts*, *GenMw_DeltaVolts*, *GenMw>LoadingLim*, *GenMw_RevFlow*, and *GenMw_MinVolts* columns. [However, since the data in the *GenMw_RevFlow* column is for informational purposes only at this time and is not used as a limiting criteria to report Hosting Capacity, the lowest of the values in the *GenMw_MaxVolts*, *GenMw_DeltaVolts*, *GenMw>LoadingLim*, and *GenMw_MinVolts* columns for all of the analysis runs is what is reported as the GHC for the feeder section.]

MaxLoadMw – The Load Hosting Capacity for that analysis run (row) which is the lowest of the values in the *LoadMw_MinVolts* and *LoadMw>LoadingLim* columns. [The lowest of the values in this column for all of the analysis runs is the value that is reported as the LHC for the feeder section.]

GenMw_MaxVolts – The maximum Generation (or Photovoltaic) Hosting Capacity in MW based upon the high value of the steady-state voltage criterion in the analysis.

GenMw_DeltaVolts – The maximum Generation (or Photovoltaic) Hosting Capacity in MW based upon the voltage variation criterion in the analysis.

GenMw>LoadingLim – The maximum Generation (or Photovoltaic) Hosting Capacity in MW based upon the thermal loading criterion in the analysis.

GenMw_RevFlow – The maximum Generation (or Photovoltaic) Hosting Capacity in MW based upon the reverse power flow criteria in the analysis (limited either on the basis of reverse flow at the feeder section or reverse flow at the head-end of the feeder).

GenMw_MinVolts – The maximum Generation (or Photovoltaic) Hosting Capacity in MW based upon the low value of the steady-state voltage criterion in the analysis.

LoadMw_MinVolts – The maximum Load Hosting Capacity in MW based upon the low value of the steady-state voltage criterion in the analysis.

LoadMw>LoadingLim – The maximum Load Hosting Capacity in MW based upon the thermal loading criterion in the analysis.

Load_DLC_Factor – Unable to find explanation in the Synergi documentation. This column will be eliminated from the file in the future.

PV_Factor – Unable to find explanation in the Synergi documentation. This column will be eliminated from the file in the future.

Load Profile Data File Column Explanations:

Feeder – The unique identifier for the feeder, which begins with either a two- or three-letter abbreviation for the substation, followed by the number identifying the feeder.

Date – The date of the load data in that row.

Month – The month of the load data in that row.

Day Type – The type of day for the load data in that row; either “Peakday” (a high loading day) or “Minday” (a low loading day).

MW Hour # – The load in MW for the 24 hours of the day (one column for each hour).

MVAR Hour # – The load in MVAR for the 24 hours of the day (one column for each hour).

Distance & Impedance Data File Column Explanations:

SubId – The abbreviated name of the distribution substation transformer that the feeder section is connected to.

FeederId – The abbreviated name of the feeder that the feeder section is part of.

SecId – The unique identifying number for the feeder section in NV Energy’s electronic mapping system.

AnalysisYear – The year of the feeder loading data and feeder configuration used in the HCA.

MilesAway – The number of circuit miles from the substation to the selected feeder section.

R1_Cmltv – The cumulative positive sequence resistance from the substation to the selected feeder section.

X1_Cmltv – The cumulative positive sequence reactance from the substation to the selected feeder section.

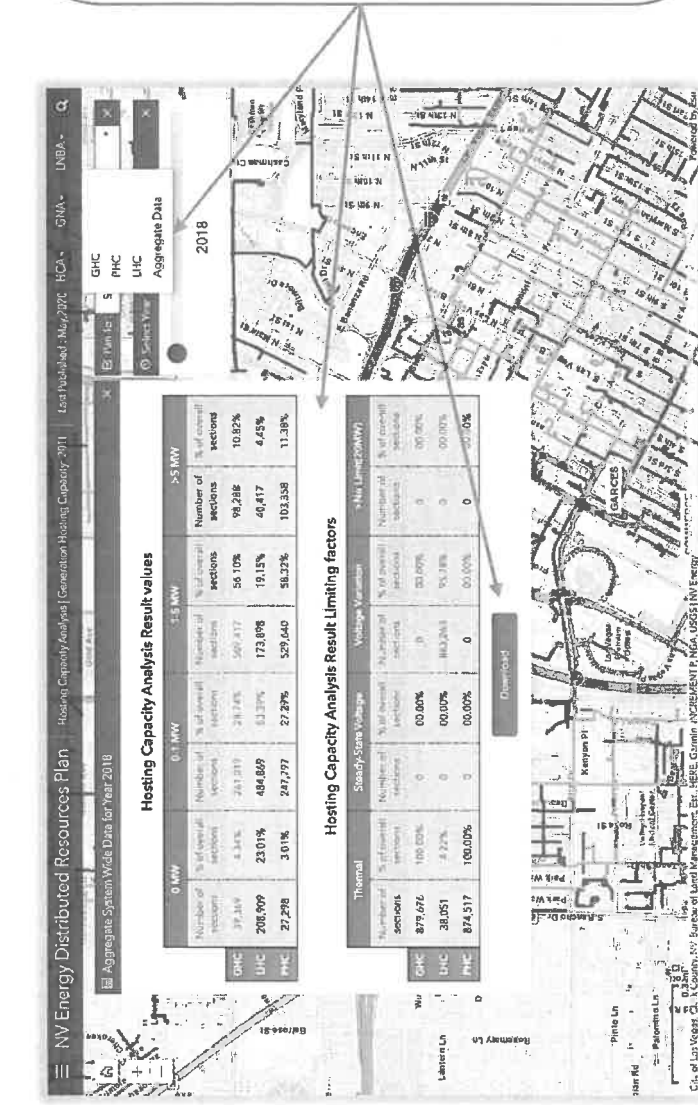
Z1_Cmltv – The cumulative positive sequence impedance from the substation to the selected feeder section.

R0_Cmltv – The cumulative zero sequence resistance from the substation to the selected feeder section.

X0_Cmltv – The cumulative zero sequence reactance from the substation to the selected feeder section.

Z0_Cmltv – The cumulative zero sequence impedance from the substation to the selected feeder section.

Aggregate Data Information



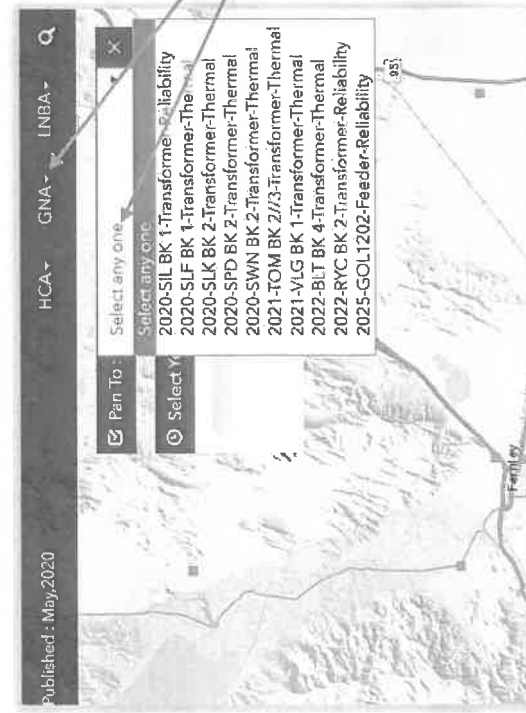
Distributed Generation Information



Grid Needs Assessment

NV Energy's GNA encompasses the constraints on the electric grid, traditional wired solutions to those constraints, determination of NWA's suitability to mitigate identified constraints, and potential NWA solutions to those constraints. NV Energy's capital expenditure plan is used as the source to initially identify existing or forecasted constraints on the electric grid and the traditional wired solutions planned to address those constraints. These constraints are then filtered to extract only those requiring investment based upon upgrade/reliability and system reinforcement reasons (essentially, those constraints based upon thermal loading, voltage, or reliability reasons where a reduction in peak demand loading or energy consumption, or load shifting, would eliminate or defer the constraint). The remaining constraints and their associated traditional wired solutions are further filtered to focus only on those in the future six-year timeframe. As a result, the GNA covers six years beyond the current year and presents data associated with the identified constraints on NV Energy's distribution system that could be mitigated by an NWA (DER-type) solution on the Web Portal.

Through NV Energy's NWA analysis, data identifying the constraints (e.g., the year, substation, facility identifier, facility type, constraint type, operational condition, and seasonal identification), the potential NWA solutions (e.g., capacities of energy efficiency, demand response, solar PV, battery energy storage, Conservation Voltage Reduction, and an estimated cost), and the traditional wired solutions (e.g., project name, estimated cost, and reserve margin) are determined.



Legend Information

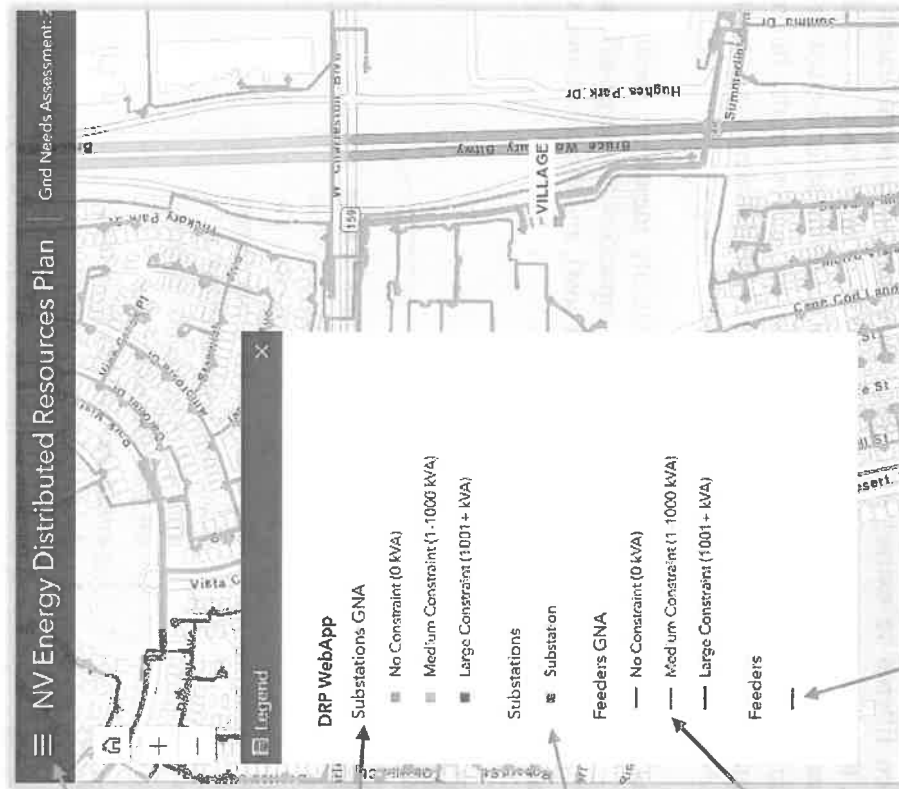


To access the **Legend**, click the three-line “hamburger” symbol and then click on **Legend**.

The data being displayed is shown here for both substations and feeders.

Substations with no constraints are shown as green squares (6 mile zoom level and closer).

Substations and feeders are colorized red, amber, or green depending upon the amount of the Initial Deficiency in kVA. Colorization is based upon the ranges shown.



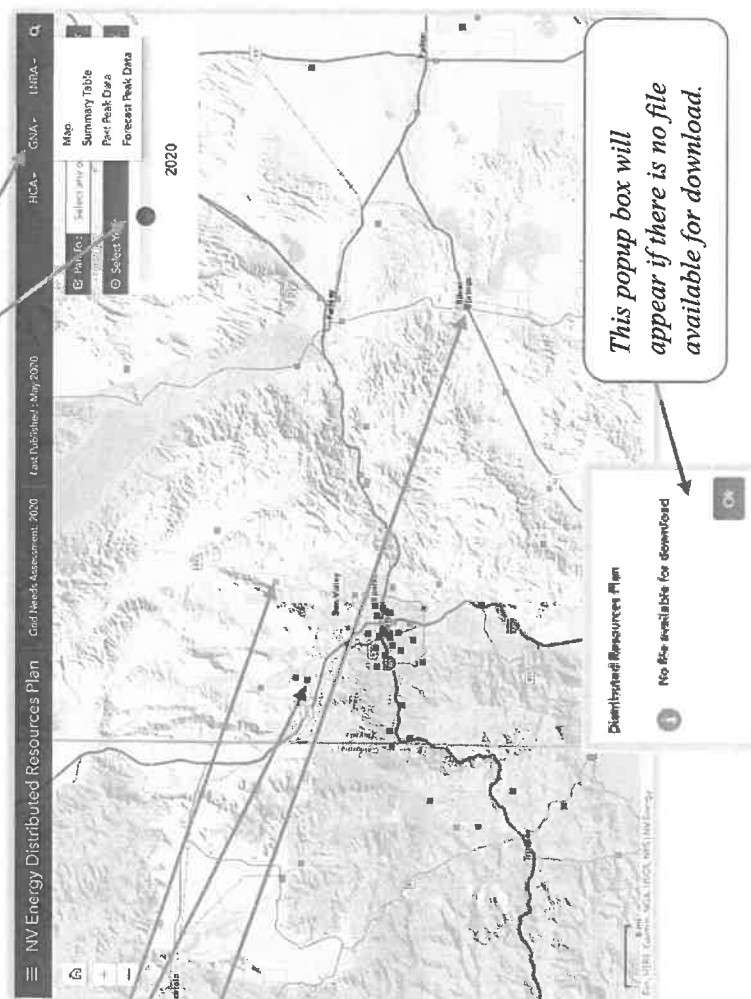
Feeders with no constraints are shown as green lines.

GNA Screen Information

Click on **GNA** to reveal a dropdown menu with several options. Click on **Map** to show the GNA map. The majority of the substations and feeders on the map will show as green indicating that there is no identified constraint in the selected year. Move the slider to display data for different years. Click on **Summary Table**, **Past Peak Data**, or **Forecast Peak Data** to initiate downloading of the data files for each of these items. Once downloaded, a Zip file containing the requested file will appear on the bottom left of the screen.

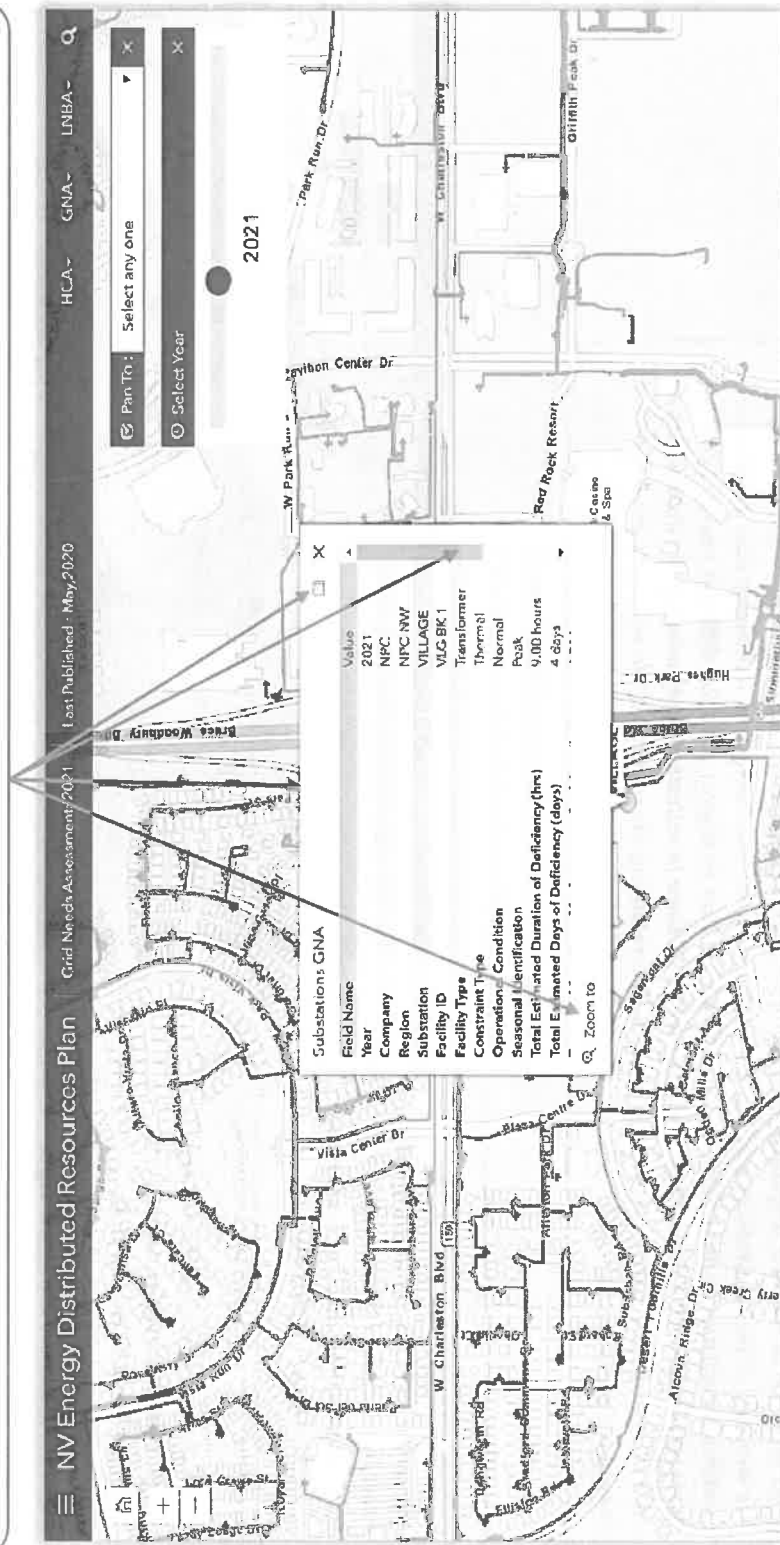
Colorization of constraints at the substation level occurs at the 6 mile zoom level on the GNA screen. Substations colored red or amber can be clicked on to display data.

When the user clicks on **Summary Table**, **Past Peak Data**, and **Forecast Peak Data**, Zip files containing the requested download files will appear in the upper right of the screen. The files can either be opened by clicking on **Open File**, or the user's "Downloads" folder can be accessed. The data file will reside within the Zip file that has been placed in the user's "Downloads" folder. The **Summary Table**, **Past Peak Data**, and **Forecast Peak Data** files are in .xlsx format.



Popup Box Information

*Click on any amber- or red-colored substation or feeder section to reveal a popup box that provides detailed GNA information about the distribution facility. The substation or feeder section will be highlighted in blue. Scroll down in the popup box to reveal the remaining data. The Field Names are defined below. Click on **Zoom to** to zoom into the selected item. Click on the **Dock** icon to dock the popup box on the top right corner of the screen as you pan to different locations or zoom.*



GNA Popup Box Field Name and GNA Summary Table Column Definitions:

Year – The year that the constraint on the distribution system first occurs, or the year in which NV Energy plans to mitigate the constraint.

Company – The territory in which the constraint is forecasted to occur; either NPC or SPPC.

Region – The region within NV Energy's territory in which the constraint is forecasted to occur. There are five regions designated in the Nevada Power Company territory: NVE-NE (Northeast), NVE-NW (Northwest), NVE-SE (Southeast), NVE-SW (Southwest), and NVE-Strip (Las Vegas Strip area). There are three regions designated in the Sierra Pacific Power Company territory: SPPC-TM (Truckee Meadows), SPPC-NE (Northeast), and SPPC-NW (Northwest).

Substation – The name of the substation in which the constrained distribution system facility is located or is served from.

Facility ID – The unique identifier for the constrained distribution system facility, which begins with either a two- or three-character abbreviation for the substation, the abbreviation "BK" if the facility is a substation transformer, and a number identifying either the position of the substation transformer in the substation or the feeder breaker number if the facility is a distribution feeder. The symbol "/" means that two substation transformers are normally operated in parallel with each other.

Facility Type – The type of constrained distribution facility (e.g., transformer or feeder).

Constraint Type – The type of constraint, including, reliability, thermal, or voltage.

Operational Condition – The operating condition in which the constraint occurs, including, normal, unplanned contingency, or planned abnormal conditions (e.g., during scheduled maintenance or construction).

Seasonal Identification – The season of the year in which the constraint mainly occurs, including, Summer Peak (generally, June through September), Winter Peak (generally, December through February), Off-Peak (generally, October, November, March, April and May), or All (occurs almost throughout the year). This is subjectively based on the Total Estimated Duration of Deficiency in 2029 and the Total Estimated Days of Deficiency in 2029.

Total Estimated Duration of Deficiency (hrs) – Based upon forecasted annual 15-minute load curve information, this is the estimated total number of hours in the year 2029 that the forecasted loading will be above the established limit (i.e., there will be a deficiency). The year 2029 was chosen for this and other parameters as it is the last year in the six-year timeframe from the year of NV Energy's current DRP filing, and the last year covered by the GNA.

Total Estimated Days of Deficiency (days) – Based upon forecasted annual 15-minute load curve information, this is the estimated total number of days in the year 2029 that the forecasted loading will be above the established limit at any time during that day.

Estimated Duration of Deficiency on Peak Day (hrs) – Based upon forecasted annual 15-minute load curve information, this is the estimated total number of hours on the forecasted peak load day in the year 2029 that the forecasted loading will be above the established limit.

Criteria (kVA) – This is the criteria used to establish the constraint (i.e., the established limit). Most often, this is the normal continuous rating of the distribution facility in kVA on which the constraint occurs.

Initial Deficiency (kVA) – This is the amount of the constraint in kVA, as compared to the Criteria, that either exists today, or is forecasted to exist in the first year the constraint occurs.

Estimated Maximum Deficiency (kVA) – This is the amount of the constraint in kVA, as compared to the Criteria, which is forecasted to exist in 2029. In comparison to the Initial Deficiency, this figure can help to gauge how the constraint may be increasing or decreasing over time.

T and D Infrastructure Upgrade Project Name – The name of the approved traditional T&D capital upgrade project planned to address the constraint.

Estimated Cost (\$) – The estimated cost in today's dollars for the approved traditional T&D capital upgrade project planned to address the constraint.

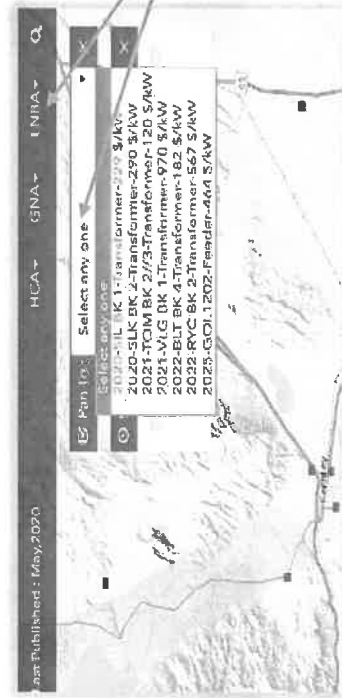
T and D Infrastructure Upgrade Reserve Margin (kVA) – The estimated amount of incremental capacity in kVA that the traditional T&D capital upgrade project will install in 2029, above what is necessary to accommodate the Estimated Maximum Deficiency.

Locational Net Benefits Analysis

NV Energy attempts to determine both the quantitative and qualitative costs and benefits of deploying DERs at different locations on the electric grid to identify the net value of such deployment. The system-level benefit areas presently included in the LNBA are: avoided energy, generation capacity, energy arbitrage, and ancillary services. Future system-level benefit areas that NV Energy plans to include are renewable portfolio standard integration and greenhouse gas emissions. The location-specific cost and benefit areas presently included in the LNBA are: transmission upgrade and estimated cost, transmission upgrade OMAG, distribution upgrade estimated cost, distribution upgrade OMAG, and transmission and distribution losses. A “deferral value” is calculated based upon the distribution upgrade estimated cost and the total capacity of the determined potential NWA solution. For example, if the distribution upgrade estimated cost is \$2,000,000 and the total capacity of the NWA solution for the same identified constraint is 5,000 kW, then a distribution upgrade deferral value of \$400/kW is calculated (\$2,000,000 / 5,000 kW). The deferral value is meant only as a comparative gauge between constraints indicating where a better opportunity may exist to defer a comparatively higher cost distribution upgrade by deploying a comparatively smaller capacity (and theoretically, lower-cost) NWA solution. It is not meant to indicate that deploying an NWA solution of a certain kW capacity will achieve a benefit or value in a dollar amount equivalent to the NWA solution’s capacity in kW times the \$/kW. As noted below, it is this deferral value that determines the colorization of the substations and feeders on the LNBA screen. A future location-specific benefit area that NV Energy plans to include is reliability/power quality.

NV Energy uses a present worth of revenue requirement (“PWR”) financial analysis to compare a traditional wired solution option against an NWA and deferred traditional wired solution option. The quantitative values for the system-level benefits and location-specific costs and benefits are used in and generated from the PWR analysis.

Similar to its GNA, NV Energy performs its LNBA covering six years beyond the current year and presents data associated with the identified constraints on its distribution and transmission systems that could be mitigated by an NWA (DER-type) solution on the Web Portal.



Legend Information

To access the *Legend*, click the three-line “hamburger” symbol and then click on *Legend*.

The data being displayed is shown here for both substations and feeders

Substations with low value are shown as red squares (6 mile zoom level and closer).

Substations and feeders are colorized red, amber, or green depending upon the amount of the Distribution Upgrade Deferral Value in \$/kW. Colorization is based upon the ranges shown.

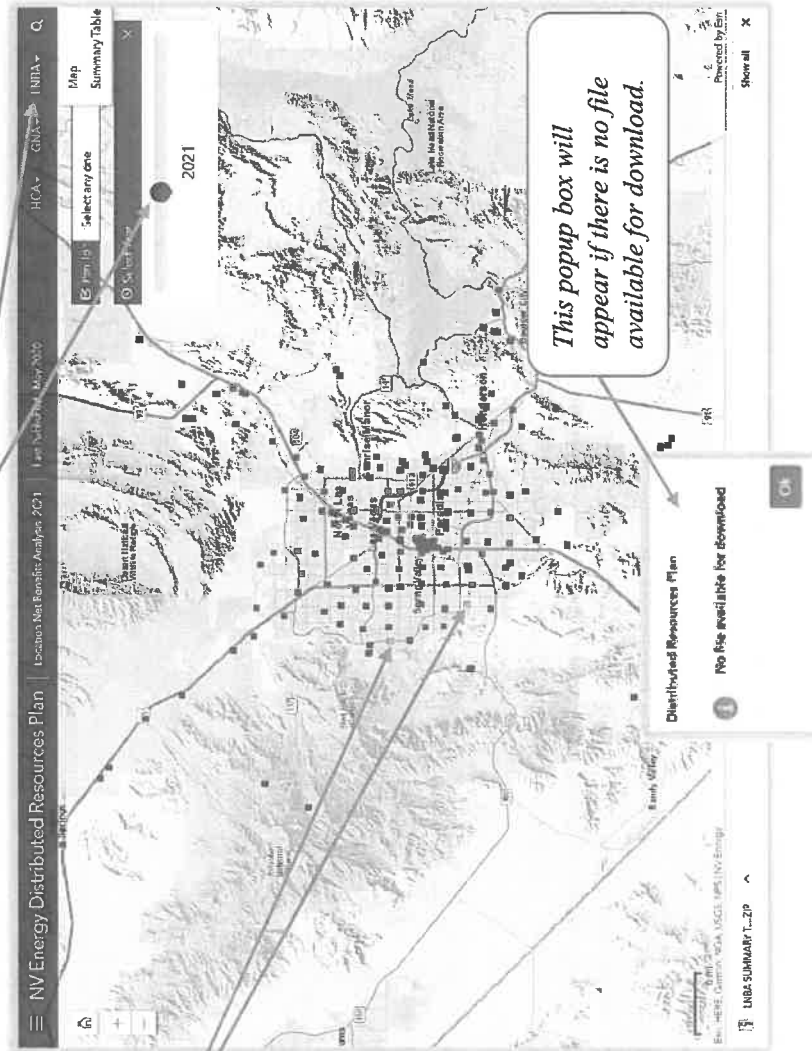
Feeders with low value are shown as red lines.

LNBA Screen Information

Click on **LNBA** to reveal a dropdown menu with several options. Click on **Map** to show the map. The majority of the substations and feeders on the map will show as red indicating that there is low LNBA value in the selected year. Move the slider to display data for different years. Click on **Summary Table** to initiate downloading of the data file containing this information. Once downloaded, a Zip file containing the requested file will appear on the bottom left of the screen.

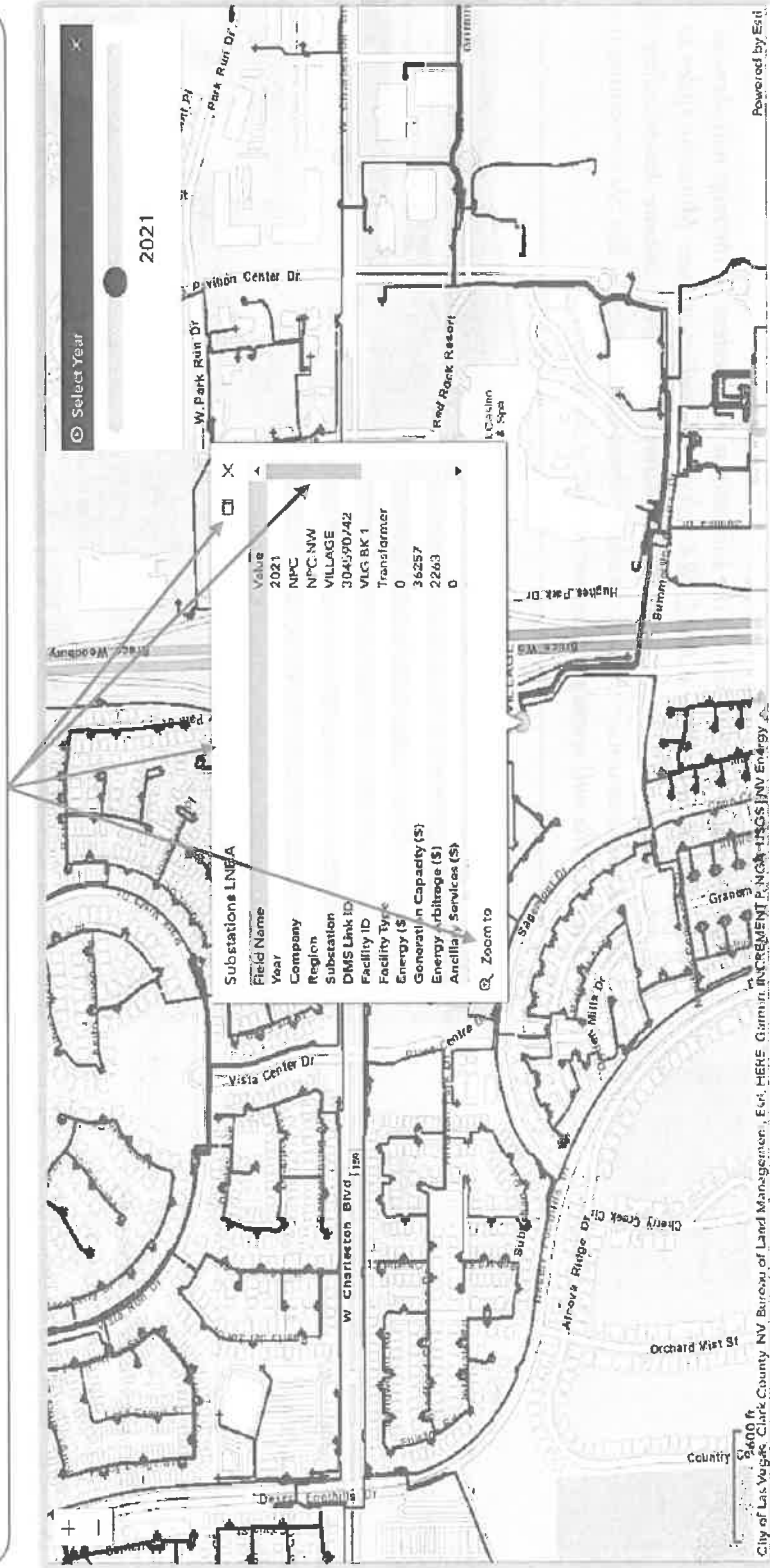
Colorization of locational net benefits at the substation level occurs at the 6 mile zoom level on the LNBA screen. Substations colored green or amber can be clicked on to display data.

When the user clicks on **Summary Table**, a Zip file containing the requested download file appears in the upper right of the screen. The file can either be opened by clicking **Open File**, or the user's "Downloads" folder can be accessed. The data file will reside within the Zip file that has been placed in the user's "Downloads" folder. The **Summary Table** data file is in .xlsx format.



Popup Box Information

*Click on any green- or amber-colored substation or feeder section to reveal a popup box that provides detailed LNBA information about the distribution facility. The substation or feeder section will be highlighted in blue. Scroll down in the popup box to reveal the remaining data. The field names are defined below. Click on **Zoom** to zoom into the selected item. Click on the **Dock** icon to dock the popup box on the top right corner of the screen as you pan to different locations or zoom.*



LNBA Popup Box Field Name and LNBA Summary Table Column Definitions:

Year – The year that the constraint on the distribution system first occurs, or the year in which NV Energy plans to mitigate the constraint.

Company – The territory in which the constraint is forecasted to occur; either NPC or SPPC.

Region – The region within NV Energy's territory in which the constraint is forecasted to occur. There are five regions designated in the Nevada Power Company territory: NVE-NE (Northeast), NVE-NW (Northwest), NVE-SE (Southeast), NVE-SW (Southwest), and NVE-Strip (Las Vegas Strip area). There are three regions designated in the Sierra Pacific Power Company territory: SPPC-TM (Truckee Meadows), SPPC-NE (Northeast), and SPPC-NW (Northwest).

Substation – The name of the substation in which the constrained distribution system facility is located or is served from.

DMS Link ID – The unique identifying number for the feeder section in NV Energy's electronic mapping system.

Facility ID – The unique identifier for the constrained distribution system facility, which begins with either a two- or three-character abbreviation for the substation, the abbreviation "BK" if the facility is a substation transformer, and a number identifying either the position of the substation transformer in the substation or the feeder breaker number if the facility is a distribution feeder. The symbol "/" means that two substation transformers are normally operated in parallel with each other.

Facility Type – The type of constrained distribution facility (e.g., transformer or feeder).

Energy (\$) – The value of avoided energy based upon hourly energy prices as estimated by production cost simulation software.

Generation Capacity (\$) – The value of the avoided additional generation needed at peak demand as determined by optimal dispatch of resources.

Energy Arbitrage (\$) – The value of the avoided additional generation needed based upon yearly production costs as estimated by production cost simulation software based upon utilization of a 25 MW/100 MWh (4 hour) battery.

Ancillary Services (\$) – The value of avoided ancillary services requirements (e.g., frequency control, reactive power, operating reserves) as estimated by production cost simulation software. This value is not yet calculated.

RPS Integration (\$) – The value of avoided costs associated with resource intermittency and uncertainty that must be managed on the power system. Such costs include, but are not limited to, frequency response, voltage regulation, and operating reserves.

GHG Emissions (\$) – The value of avoided costs associated with the emission of any gaseous compound in the atmosphere that is capable of absorbing infrared radiation, thereby trapping and holding heat in the atmosphere. This value is not yet calculated.

Transmission Upgrade Estimated Cost (\$) – The estimated cost in today’s dollars for the approved traditional transmission capital upgrade project planned to address the constraint.

Transmission NWA Capacity (kW) – The total capacity of the NWA (DER-type) solution portfolio in kW resulting from the NWA analysis that would address the transmission constraint.

Transmission Upgrade Deferral Value (\$/kW) – The value in \$/kW of the deferral of a transmission capital upgrade or asset replacement project, calculated as the Transmission Upgrade Estimated Cost / Transmission NWA Capacity.

Distribution Upgrade Estimated Cost (\$) – The estimated cost in today’s dollars for the approved traditional distribution capital upgrade project planned to address the constraint.

Distribution NWA Capacity (kW) – The total capacity of the NWA (DER-type) solution portfolio in kW resulting from the NWA analysis that would address the distribution constraint.

Distribution Upgrade Deferral Value (\$/kW) – The value in \$/kW of the deferral of a distribution capital upgrade or asset replacement project, calculated as the Distribution Upgrade Estimated Cost / Distribution NWA Capacity.

Transmission Upgrade OMAG (\$) – The value of the incremental OMAG associated with a transmission capital upgrade or asset replacement project.

Distribution Upgrade OMAG (\$) – The value of the incremental OMAG associated with a distribution capital upgrade or asset replacement project.

T and D Losses (\$) – The value of any estimated reduction in losses on the transmission and distribution systems. This value is not yet calculated.

Reliability Power Quality (\$) – The value of any quantifiable improvement in the reliability or resiliency of the transmission or distribution system, and potentially providing voltage support to the system. This value is not yet calculated.

TEP-1



Q1 TEP Stakeholder Meeting

February 25, 2025





Agenda

ERTEP Agreement Funnel

TEP Agreement Funnel

ERTEP/ TEP-22 Update

ERTEP/TEP High Level Process

ERTEP Accomplishments

Federal Funding

TEP-25 IRP Order Summary

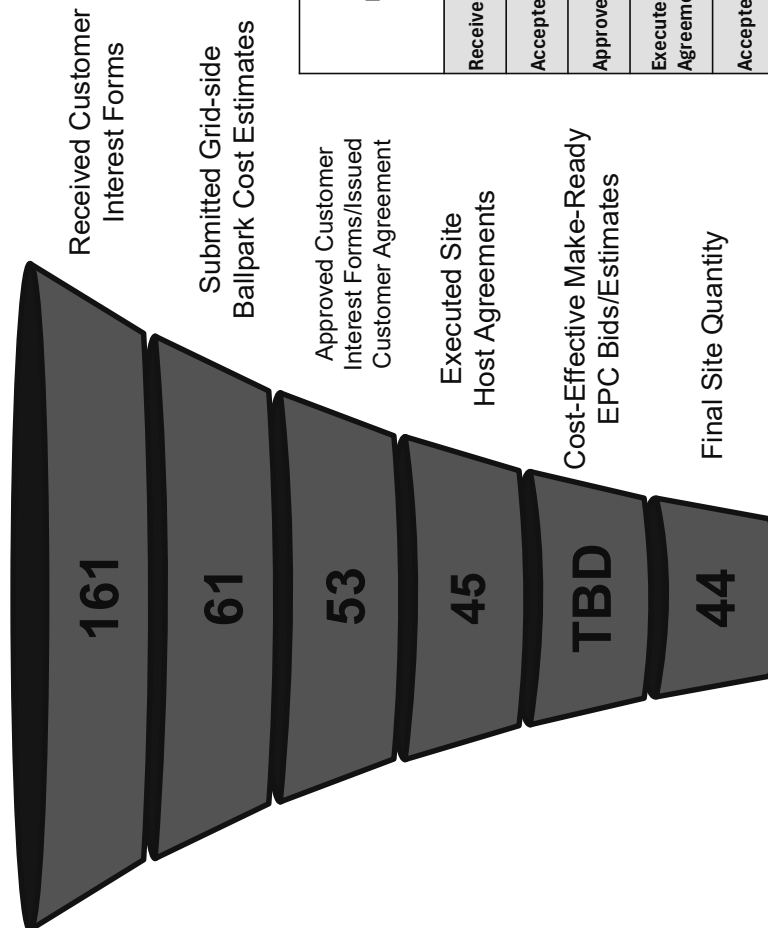
Overview of TEP-25

Q2 Potential Topics

Questions

2

ERTEP Agreement Funnel

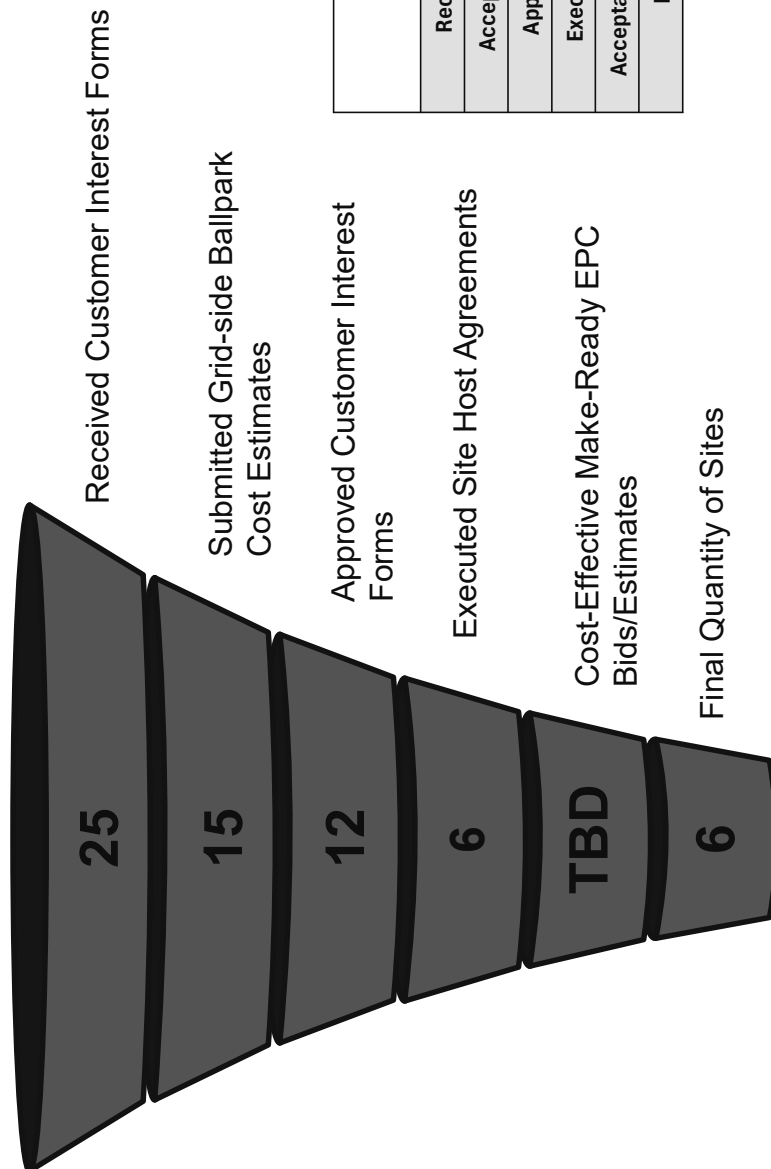


Funnel Totals	ERTEP Program						
	Urban	Interstate	Public Agency	TE & Custom Grant	Tourism	Outdoor Recreation	School Bus
Received Interest Forms	54	7	41	7	46	3	3
Accepted Gridside Ballpark	5	2	14	5	22	2	3
Approved Interest Forms	5	2	14	5	22	2	3
Executed Site Host Agreements	2	1	14	5	21	1	1
Accepted Make-ready Ballpark		1		4			
Final Site Quantity	2	1	14	4	21	1	1

3



TEP Agreement Funnel



4



ERTEP/ TEP-22 Summary

- 50 customer agreements executed for ERTEP/TEP
- Projecting installation of more than 700 ports through:
 - 21 Tourism sites
 - Total of 11 sites completed construction and energized
 - 14 Public Agency sites
 - Five Electric School Bus Vehicle-to-Grid Trial sites
 - Ten sites across Interstate, Outdoor Rec, Urban, Grant Programs
- NDOT on hold for NEVI Federal Program funding availability

ERTEP	
Category	Year
Site/ Grant Agreements	2024
Ports to be Installed*	44
Reserved Spend*	714
	\$27.2

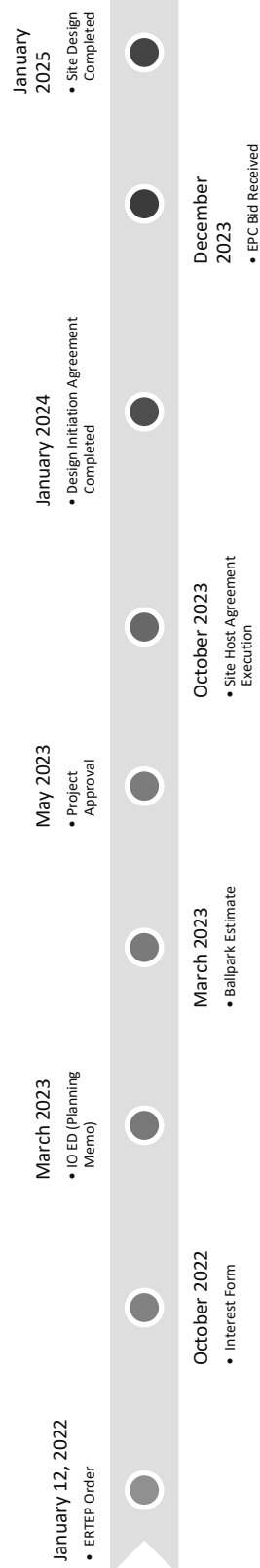
TEP	
Category	Year
Site/Grant Agreements	2024
Ports to be Installed*	6
Reserved Spend*	32
	\$14.5

* Based on agreements signed by the end of 2024.

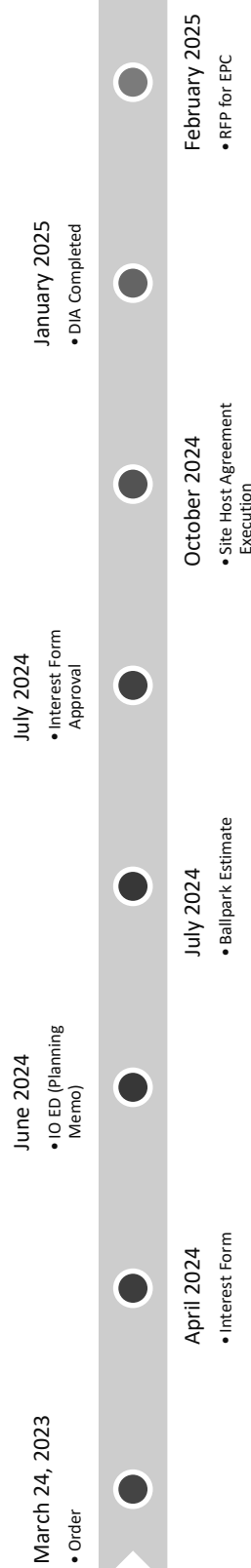


High-Level Process- ERTEP/TEP

ERTEP Process



TEP-22 Process



ERTEP Accomplishments

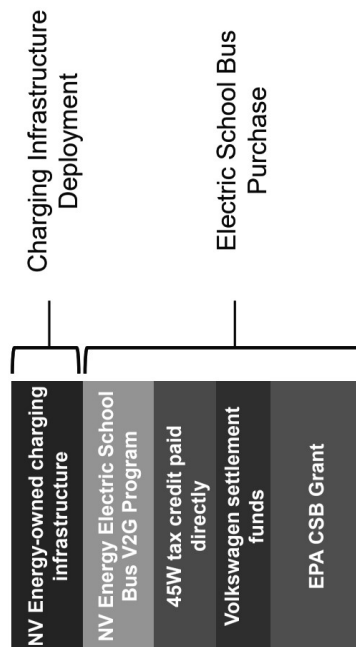


- A total of 306 students have been trained through the ERTEP JATC Grant.
 - Electrical Joint Apprentice and Training Center of Southern Nevada (EJATCSNV) - 168
 - Northern Nevada Electric Joint Apprentice and Training Committee (NNEJATC) - 138
- Transit Grants
 - Regional Transportation Commission of S. NV- Installed two 150kW DC fast chargers (4 ports) and purchased 4 all electric busses.
 - Regional Transportation Commission of Washoe- Second life battery study completed
 - CAMPO- Zero emission transition study completed



Federal Funding

- Impact of federal funding suspension:
 - NEVI funding on hold for three Interstate sites
 - Short-term unavailability of EPA Clean School Bus Grant funding
- Awaiting further guidance from updated NDOT state plan



NV Energy Service Territory

Planned electric school bus & charging infrastructure funding stack

TEP-25 IRP Order Summary



Portfolio

- The Commission approves the following programs: Technical Advisory Services, Technology Driven Enhancements, Federal Funding Opportunities, Program Development Pilots, Transit Electrification Grants, Fleet and Residential Managed Charging, and Rate Impact Cost Recovery Expenses.

Budget

- The Commission approves the TEP Action Plan (2025-2027) budget at \$14,878,000. The Commission caps the TEP program budgets for each program and year in the Action Plan period as not-to-exceed amounts.

Estimated Demand Based Allowance Adjustment

- The Commission approves NV Energy's update to the EDBA Adjustment to a 100 percent up-front allowance for all commercial customers who install EV charging infrastructure.

Compliances

- NV Energy shall file the results of the EV Load Identification analysis and the results of the lower-income and HUC customer surveys with the Commission when they are completed.
- NV Energy shall file the federal and state funding details as they impact the TEP budget for the Action Plan no later than 180 days after issuance of this order.

TEP-25 Budget



- The following programs are being paused for the 2025 program year:
 - Community-Based Partnership Grants
 - Transit Electrification Grants
 - Federal Funding Opportunities
 - Rate Impact Cost Recovery

NEVADA POWER	2025 Budget		
	NPC Program Budget	SPPC Program Budget	Combined Program Budget
Community Based Partnerships/Energy Education Marketing	\$90,000	\$50,000	\$140,000
Dealer Partner Program	\$525,000	\$225,000	\$750,000
Technical Advisory Services	\$24,500	\$10,500	\$35,000
Tech Driven Enhancements	\$525,000	\$225,000	\$750,000
<i>Subtotal - Education Services</i>	\$220,500	\$94,500	\$315,000
	<i>1,385,000</i>	<i>\$605,000</i>	<i>\$1,990,000</i>
Program Development	\$95,200	\$40,800	\$136,000
Federal Funding Opportunities	\$0	\$0	\$0
Transit Electrification Grants	\$0	\$0	\$0
<i>Subtotal - PD & Grants</i>	<i>95,200</i>	<i>\$40,800</i>	<i>\$136,000</i>
Residential Managed Charging Build	\$313,436	\$92,076	\$405,512
Fleet Managed Charging Build	\$67,577	\$28,319	\$95,896
MC Manage	-	-	-
<i>Subtotal - MC</i>	<i>\$381,013</i>	<i>\$120,395</i>	<i>\$501,408</i>
Rate Impact Cost Rec	\$0	\$0	\$0
Outside Services Ramp	\$105,000	\$45,000	\$150,000
<i>Subtotal - Other Services</i>	<i>\$105,000</i>	<i>\$45,000</i>	<i>\$150,000</i>
Total TEP	\$1,966,213	\$811,195	\$2,777,408

Q2 Stakeholder Meeting

Potential Topics



- Other priorities of stakeholders?
 - Overview of 2025 TEP Programs
 - Compliance Items
 - Federal Funding
 - Analysis/Survey



Questions



NVEnergy®



Q2 TEP Stakeholder Meeting

June 5, 2025





Agenda

TEP-25 Update and Compliances

Q3 Potential Topics

Questions



TEP-25 Status

Managed Charging (MC) Programs

FLEET MANAGED CHARGING PROGRAM

- **STATUS:** The program is expected to launch July 2025. The customer agreement, Terms and Conditions, and network provider are in final development.
- **YEAR 1 BUDGET:** \$95,816
- **YEAR 1 TARGET:** 7 CUSTOMERS

RESIDENTIAL MANAGED CHARGING PROGRAM

- **STATUS:** The program is expected to launch July 2025. The customer agreement, Terms and Conditions, and network provider are in final development.
- **BUDGET:** \$425,512
- **YEAR 1 TARGET:** 1,200 CUSTOMERS

Program Development

RESIDENTIAL EV TOUT SUB-METERING

- **STATUS:** The project plan draft for the Submetering Trial was completed. The approach will focus on the top three Level 2 EV chargers for lab testing and target friendly sites with these charger models previously installed.
- **TOTAL BUDGET:** \$76,000
- **TOTAL TARGET:** 25 CUSTOMERS

V2X PILOT

- **STATUS:** The pilot 20 kw bidirectional charger was received for installed and commissioned.
- **TOTAL BUDGET:** \$70,000
- **TOTAL TARGET:** 5 CUSTOMERS

VEHICLE TELEMATICS MANAGED CHARGING PILOT

- **STATUS:** The implementation contractor is finalizing enrollment documents. Once completed, enrollment is expected to begin this month.
- **YEAR 1 BUDGET:** \$29,271
- **YEAR 1 TARGET:** 200



TEP-25 Status

Technical Services

- **STATUS:** The team is currently working with the implementation contractor to develop the tools. These services will launch in conjunction with the Managed Charging programs.
- **TOTAL BUDGET:** \$550,000

Technology Driven Enhancements

ELECTRIC VEHICLE LOAD IDENTIFICATION

- **STATUS:** EV detection has begun statewide. The Company has preliminary data that is being reviewed. The Company will continue to expand reach. The data is going to be used as targeting for program participation.
- **YEAR 1 BUDGET:** \$265,000

ELECTRIC VEHICLE TIME-OF-USE

- **STATUS:** Currently, the NV Energy technical team is working with the implementation contractor on implementing the rate ID to identify all current TOU customers. Once complete, outreach will begin. Outreach is on track to begin July 2025.
- **YEAR 1 BUDGET:** \$50,000

Dealer Partner Program

- **STATUS:** NV Energy is finalizing a plan to provide dealer partner training, web content and new EV buyer collateral.
- Additionally, various contracts in relation to program ramp up are finalizing to support marketing efforts and community partnerships.
- Plan to launch in conjunction with the Managed Charging programs.
- **TOTAL BUDGET:** \$35,000

TEP-25 Compliances



EV Load Identification Analysis Report

- The analysis will be included as a technical appendix in the DRP Annual Update, which will be filed by September 1, 2025.

Lower-income/HUC customer surveys

- Timeline: June- compile survey participant list, design survey in surveying tool; July- send out survey, compile results and analyze; August- finalize analysis and include as a technical appendix in the DRP Annual Update, which will be filed by September 1, 2025.

Federal funding

- Year-to-date, there have been no federal or state funding details that have impacted the TEP-25 budgets. This compliance item will be filed this month before the 180-day deadline.

Q3 Stakeholder Meeting

Potential Topics



- What would stakeholders like to discuss in the next meeting?



Questions



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2025 Transportation Electrification Plan Update Overview

Q3 TEP Stakeholder Meeting

September 12, 2025



Agenda



- ERTEP/ 22-24 TEP Update
- 25-27 TEP Update Overview
 - Education Services and Grants
 - Program Development and Grants
 - Rules and Tariffs
 - Managed Charging
 - Technical Appendices
- Questions



ERTEP/ 2022-2024 TEP Update

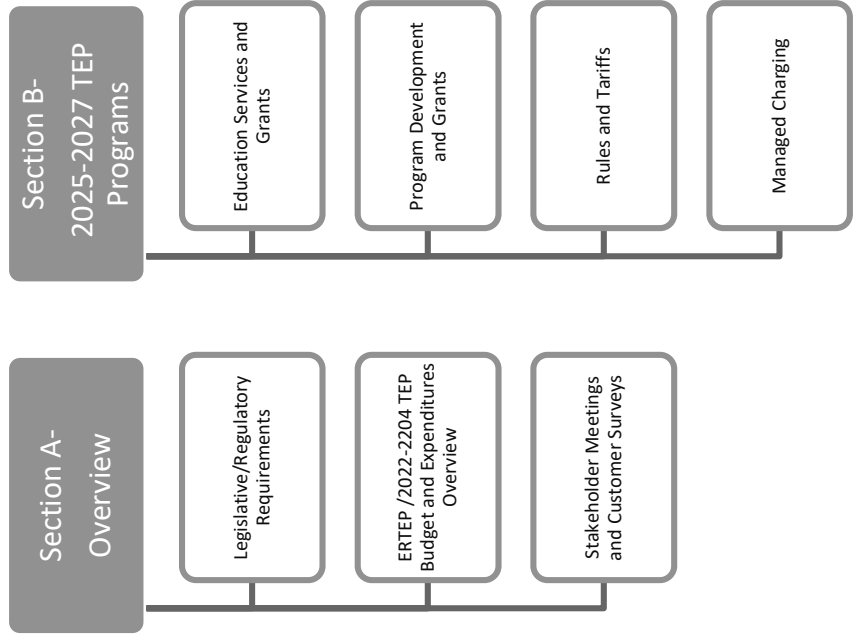


- Public Agency
 - Capitol Complexes
 - Colleges & Universities
 - Large Community Centers
 - Small Community Centers
- Urban Charging Depot
 - Small Commercial
 - Large Commercial
 - Downtown
- Interstate Corridor Charging Depot

2025-2027 TEP Update Report Overview



- TEP is Section 10 in the Distributed Resource Plan Update Report
- Filed on Friday, August 29, 2025
- Program Years: 2024-2026





2025-2027 TEP Update Report Overview

- Total 2025 Budget: ~ \$4,208,000
- Total 2026 Budget: ~ \$4,602,000

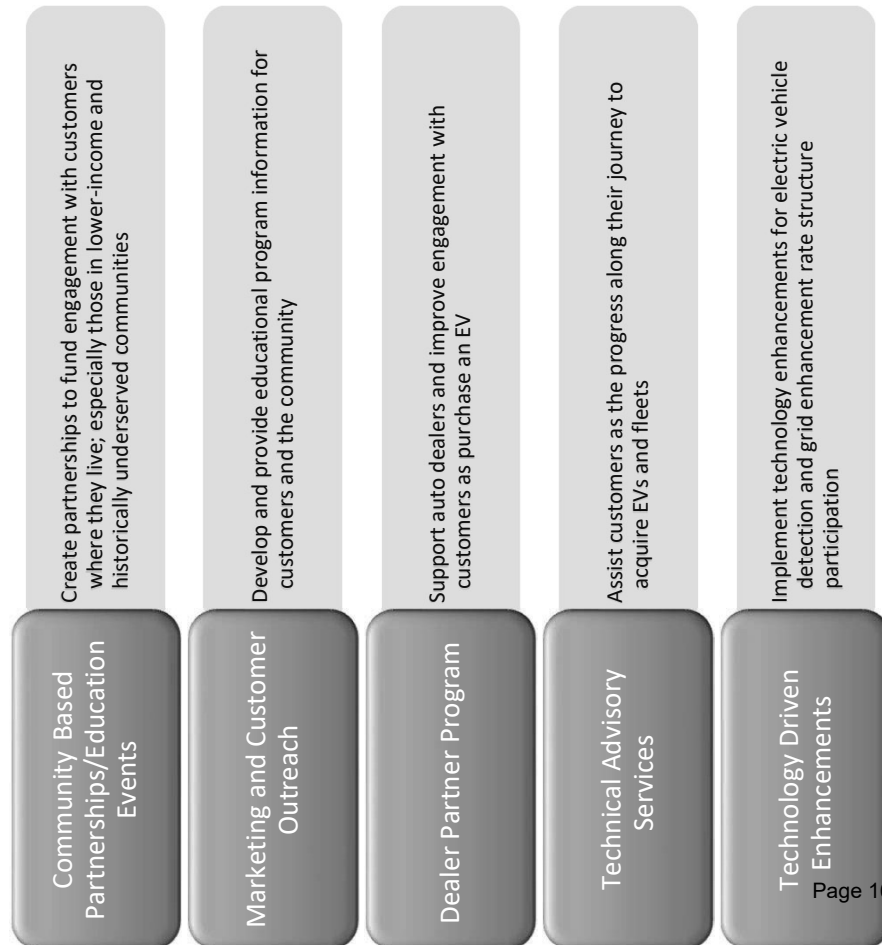
Descriptions	2025 Budget (\$)			Total Actuals (\$)
	NPC Budget (\$)	SPPC Budget (\$)	Total Budget (\$)	
Community Based Partnerships/ Education	280,000	120,000	400,000	28,500
Marketing	525,000	225,000	750,000	-
Deal Partner Program	24,500	10,500	35,000	-
Technical Advisory Services	525,000	225,000	750,000	56,468
Technology Driven Enhancements	220,500	94,500	315,000	315,000
Education Services Total	1,575,000	675,000	2,250,000	399,968
Program Development	95,200	40,800	136,000	67,178
Federal Funding Opportunities	35,000	15,000	50,000	-
Transit Electrification Grants	700,000	300,000	1,000,000	-
Program Development and Grants Total	830,200	355,800	1,186,000	67,178
Residential Managed Charging Build	327,436	98,076	425,512	12,288
Fleet Managed Charging - Build	67,577	28,319	95,896	2,397
Managed Charging - Manage	-	-	-	-
Managed Charging Total	395,013	126,395	521,408	14,685
Rate Impact, Cost Recovery Expenses	70,000	30,000	100,000	-
Outside Services Ramp Up	105,000	45,000	150,000	3,750 [2]
Other Services Total	175,000	75,000	250,000	3,750
Total TEP	2,975,213	1,232,195	4,207,408	485,581

Actuals as of June 30, 2025

Descriptions	2026 Budget (\$)			Total Budget (\$)
	NPC Budget (\$)	SPPC Budget (\$)	Total Budget (\$)	
Community Based Partnerships/ Education	210,000	90,000	300,000	300,000
Marketing	350,000	150,000	500,000	500,000
Deal Partner Program	24,500	10,500	35,000	35,000
Technical Advisory Services	700,000	300,000	1,000,000	1,000,000
Technology Driven Enhancements	269,500	115,500	385,000	385,000
Education Services Total	1,554,000	666,000	2,220,000	2,220,000
Program Development	74,900	32,100	107,000	107,000
Federal Funding Opportunities	35,000	15,000	50,000	50,000
Transit Electrification Grants	700,000	300,000	1,000,000	1,000,000
Program Development and Grants Total	809,900	347,100	1,157,000	1,157,000
Residential Managed Charging Build	545,169	195,019	740,188	740,188
Fleet Managed Charging - Build	115,432	48,699	164,131	164,131
Managed Charging - Manage	160,964	59,534	220,498	220,498
Managed Charging Total	821,565	303,252	1,124,817	1,124,817
Rate Impact, Cost Recovery Expenses	70,000	30,000	100,000	100,000
Outside Services Ramp Up	-	-	-	-
Other Services Total	70,000	30,000	100,000	100,000
Total TEP	3,255,465	1,346,352	4,601,817	4,601,817



Education Services



2026 Budget (\$)			
Descriptions	NPC Budget (\$)	SPPC Budget (\$)	Total Budget (\$)
Community Based Partnerships/ Education	210,000	90,000	300,000
Marketing	350,000	150,000	500,000
Deal Partner Program	24,500	10,500	35,000
Technical Advisory Services	700,000	300,000	1,000,000
Technology Driven Enhancements	269,500	115,500	385,000
Education Services Total	1,554,000	666,000	2,220,000

Program Development and Grants



2026 Budget (\$)			
Descriptions	NPC Budget (\$)	SPPC Budget (\$)	Total Budget (\$)
Program Development	74,900	32,100	107,000
Federal Funding Opportunities	35,000	15,000	50,000
Transit Electrification Grants	700,000	300,000	1,000,000
Program Development and Grants Total	809,900	347,100	1,157,000



Federal Funding: Evaluate additional opportunities to secure Federal funding for new programs and offset project costs



Program Development:
Continue implementing three pilot programs

- Residential EV TOU Sub-metering
- V2X Pilot
- Vehicle Telematics Managed Charging Pilot



Transit Electrification Grants: Review grant funding opportunities for transit agencies and Transit Electrification Working Group

Tariffs and Rules



- Extended tariff to December 31, 2027, for electric school bus vehicle to grid trial
- Rule 9 allowance adjustment provided up front for commercial customers who participate in the Fleet Managed Charging program



Managed Charging Programs

Residential

Encourage customer charging during optimal grid integration times

Fleet

Encourage optimal integration of fleet EV charging with grid conditions

2026 Budget (\$)			
Descriptions	NPC Budget (\$)	SPPC Budget (\$)	Total Budget (\$)
Residential Managed Charging Build	545,169	195,019	740,188
Fleet Managed Charging - Build	115,432	48,699	164,131
Managed Charging - Manage	160,964	59,534	220,498
Managed Charging Total	821,565	303,252	1,124,817



Technical Appendices

- EV Load Identification Analysis
 - Technical Appendix TEP Update-1
- Lower Income and Historically Underserved Communities Customer Survey
 - Technical Appendix TEP Update-2
- Program Handbooks for Fleet and Residential
 - Technical Appendix TEP Update-3
- TEP Stakeholder Meeting Presentations
 - Technical Appendix TEP Update-4
- TEP Marketing Collateral
 - Technical Appendix TEP Update-5



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Questions



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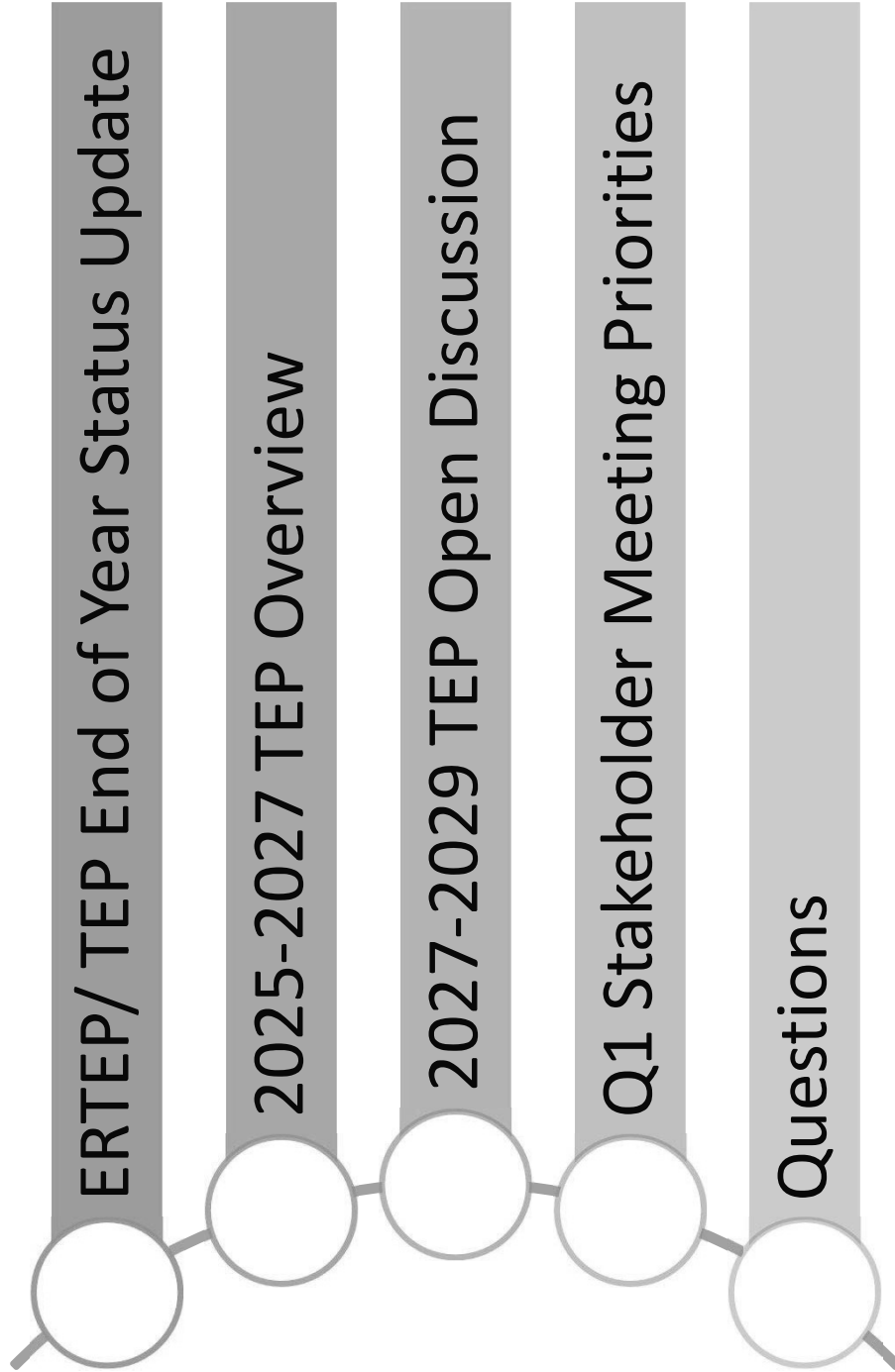
Q4 TEP Stakeholder Meeting

December 19, 2025





Agenda



Approved ERTEP/2022-2024 TEP Status Update

- 15 Tourism sites energized serving 290+ ports
- Five School District Vehicle-To-Grid sites
 - 60 percent design completed for three of the four northern Nevada sites
 - CCSD – Construction begins at the end of December 2025
- Negotiating EPC contract for Lake Tahoe electric boat charging site

ERTEP	
Category	
Agreements	41
Ports Installed / To Be Installed	367
Actual and Forecasted Spend	\$11,017,414

TEP	
Category	
Agreements	6
Ports to be Installed	16
Actual and Forecasted Spend	\$4,360,809



2025-2027 TEP Status Update

- Managed Charging
 - Residential & Telematics
 - Fleet
- Program Development
 - Residential Sub-Metering
 - Vehicle-to-X (V2X) Pilot

2025	Managed Charging			Program Development	
	Residential EVSE	Telematics	Fleet	Sub-Metering	V2X
Enrollments*	34	154	-	1	-
Ports/ Vehicles	34	154	-	2	-
Forecasted Spend	\$35,720	\$60,000	\$2,042	\$24,525	\$12,352

*Enrollments: Customer applications reviewed and approved to participate in the program.



2027-2029 TEP Overview

- TEP is a section in the Distributed Resource Plan as part of the IRP
- Program Years: 2027 through 2029



2027-2029 TEP Planning Open Discussion



- Stakeholder recommendations and considerations?

Q1 Stakeholder Meeting

Potential Topics



- Other stakeholder priorities for next meeting?



Questions



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Q1 TEP Stakeholder Meeting

March 25, 2026



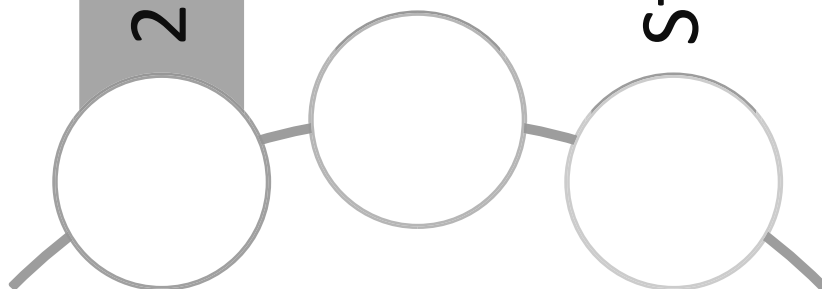


Agenda

2027-2029 TEP Overview

Q2 Priorities

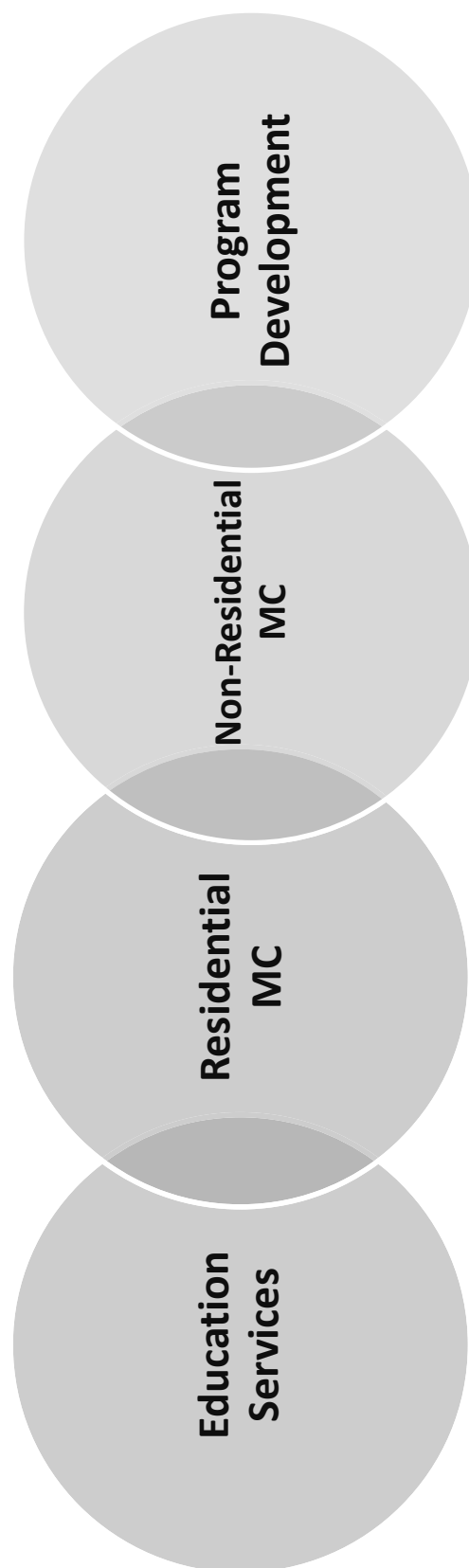
Stakeholder Engagement





2027-2029 TEP Overview

- Goals of TEP 2027-2029
 - Educate Customers on charging behavior.
 - Manage grid impacts of EV load through Managed Charging.
 - Use historical program data to refine program offerings



- Transportation Electrification Plan details are included in Section 10 of the Distributed Resource Plan, located within the Integrated Resource Plan



Education Services

Community-Based Partnerships/ Education:

- Expand customer engagement and build awareness on the importance of shifting EV charging times

Marketing:

- Inform customers, through PowerShift umbrella, about electrification needs of Nevadans

Dealer Partner Program:

- Educate prospective EV buyers about managed charging, EV TOU rates, and Smart Charge benefits

Technical Advisory Services:

- Provide customers with direct access to transportation electrification resources

Technology Driven Enhancements:

- Support the development and refinement of technology-based tools that help customers understand transportation electrification options/energy usage impacts

Residential Managed Charging



Residential Managed Charging allows customers to receive two types of incentives in return for participating in managed charging.

EVSE MC

Telematics MC



Residential MC (Cont'd.)

- To Participate:
 - Participate in the program for a minimum of 36 months
 - Have a documented assignment of a vehicle from employer (if applicable)
 - Provide documentation substantiating income qualification (if applicable)
 - Written permission from the property owner if rented or leased.
 - Have a dedicated garage, carport, or driveway with electric service metered with the residence
- Incentives:
 - Enrollment incentive and performance incentive based on energy saved.
 - Five percent of the enrollment incentive budget allocated for low-income customers.

The company website will list full program participation details.

6



Non-Residential Managed Charging

Non-Residential Managed Charging allows commercial customers to receive two types of incentives in return for participating in managed charging.

	• Install qualified L2 smart charger. • No additional fees. • Maintain for useful life
	• Install qualified L2 smart charger. • Install qualified L3 smart charger. • Non-public access.
	• Install qualified L2 smart charger. • Install qualified L3 smart charger.

Non-Residential MC (Cont'd.)



- To Participate:
 - Be an active customer with electric service in the properties name.
 - Participate in the program for a minimum of 36 months.
 - Commit to not charging additional fees for use of the EVSE.
 - Enroll in the EVCCR-TOU rate.
 - Refrain from installing onsite generation for the EV chargers.
 - Separately meter the charging equipment.
- Incentives:
 - enrollment incentive and performance incentive based on energy saved.

The company website will list full program participation details.

8

Program Development



Program Development explores strategies by conducting small-scale tests of emerging products or services that may enhance the current customer experience.

Residential EV Time-Of-Use (TOU) Submetering:

- Create a residential EV-only TOU Program/rate that aligns with customers' charging habits and helps them save on energy costs
- Integrate submetering technologies into Distributed Energy Resource Management System

V2X Pilot:

- Evaluate customer acceptance of and improve process to commission residential bi-directional EV charging systems

Load Balancing Pilot:

- Investigate technologies that coordinate real-time dynamic load balancing, reduce peak loads, and support grid planning efforts



Budget

Programs	2027 Total Budget/Year (\$)	2028 Total Budget/Year (\$)	2029 Total Budget/Year (\$)
Education Services	\$2,264,000	\$2,337,000	\$2,337,000
Residential Managed Charging Build	\$797,000	\$813,000	\$937,000
Non-Residential Managed Charging – Build	\$606,000	\$697,000	\$898,000
Managed Charging – Manage	\$449,000	\$1,607,000	\$2,813,000
Program Development and Grants	\$153,000	\$100,000	\$123,000
Total:	\$4,269,000	\$5,554,000	\$7,108,000



Q2 Priorities



Q2 Stakeholder Meeting

Potential Topics



- What new priorities would you like to discuss in Q2?
- Earlier Q2 meet for TEP overview in IRP?



Questions



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TEP-2

Program Name:	Nevada Power - Non Residential MC 2027	Last Updated:	3/27/2026			
Customer Sector:	Commercial	Avg Measure Life:				
Company:	NPC	Date and Time Printed	3/27/2026 15:06			
Start Year:	2027	ACE guru 2.1 Model				
End Year:	2031					
Notes:						
Stakeholder Perspectives & Tests*		Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	Cost of Conserved Energy (\$/kWh)
NEB Total Resource Cost (NTRC)		\$2,193,056	\$485,949	\$1,707,108	4.51	0
Total Resource Cost (TRC)		\$1,993,688	\$485,949	\$1,507,739	4.10	0
Utility Cost Test (UCT)		\$1,993,688	\$1,478,168	\$515,519	1.35	0
Participant Cost Test (PCT)		\$992,220	\$0	\$992,220		0
Ratepayer Impact Measure (RIM)		\$1,993,688	\$1,478,168	\$515,519	1.35	0
Societal Cost (SCT)		\$2,193,056	\$485,949	\$1,707,108	4.51	0
*Includes Rebates Paid to Freeriders						
Utility Savings & Costs*		2027	2028	2029	Total Project	
Total Utility Investment (\$)		\$434,254	\$311,539	\$311,539	\$1,680,411	
Electric Benefit (\$)		\$440,389	\$456,769	\$454,575	\$1,993,688	
Gas Benefit (\$)		\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:						
Electric Savings (kWh)		0	0	0	0	
Critical Peak Hour Demand (kW)		2,222	2,222	2,222	2,222	
Gas Savings (Therms)		0	0	0	0	
Total on Peak Hours (kWh)		2,222	2,222	2,222	0	
Total on Peak Hours (%)					0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross						
Financial Data			Secondary Benefits			
Discount Rate			7.48%	Other Savings		\$0
Rate Escalator			3.40%			
Inflation Rate (T&D)			2.25%	Scenarios		
Line Loss (Energy)			4.056%	Measure Life	100%	
Line Loss (Demand)			10.46%	Energy Savings	100%	
Avoided T&D Capacity (\$/MW)			\$80,562	Avoided Energy Cost	100%	
Environmental Adder (SCT Only)			10.00%	Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)			10.00%	Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)			\$0.10			
Gas Retail Rate (\$/therm)			\$0.47			
Net-to-Gross Ratio						

Program Name:	Nevada Power - Residential MC 2027 - Build	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:05		
Start Year:	2027	ACE guru 2.1 Model			
End Year:	2031				
Notes:					
Cost of Conserved Energy					
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$3,225,967	\$542,362	\$2,683,605	5.95	0
Total Resource Cost (TRC)	\$2,805,188	\$542,362	\$2,262,827	5.17	0
Utility Cost Test (UCT)	\$2,805,188	\$1,634,145	\$1,171,044	1.72	0
Participant Cost Test (PCT)	\$1,091,783	\$0	\$1,091,783		0
Ratepayer Impact Measure (RIM)	\$2,805,188	\$1,634,145	\$1,171,044	1.72	0
Societal Cost (SCT)	\$3,225,967	\$542,362	\$2,683,605	5.95	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2027	2028	2029	Total Project	
Total Utility Investment (\$)	\$555,811	\$321,811	\$321,811	\$1,843,055	
Electric Benefit (\$)	\$619,643	\$642,690	\$639,603	\$2,805,188	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	3,127	3,127	3,127	3,127	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	3,127	3,127	3,127	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.48%		Other Savings	\$0	
Rate Escalator	3.40%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	4.056%		Measure Life	100%	
Line Loss (Demand)	10.46%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$80,562		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.84				
Net-to-Gross Ratio					

Program Name:	Nevada Power - Residential MC 2027 - Manage	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:06		
Start Year:	2027	ACE guru 2.1 Model			
End Year:	2031				
Notes:					
		Cost of Conserved Energy			
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$4,996,216	\$446,701	\$4,549,515	11.18	0
Total Resource Cost (TRC)	\$4,344,536	\$446,701	\$3,897,834	9.73	0
Utility Cost Test (UCT)	\$4,344,536	\$1,054,024	\$3,290,512	4.12	0
Participant Cost Test (PCT)	\$607,323	\$0	\$607,323		0
Ratepayer Impact Measure (RIM)	\$4,344,536	\$1,054,024	\$3,290,512	4.12	0
Societal Cost (SCT)	\$4,996,216	\$446,701	\$4,549,515	11.18	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2027	2028	2029	Total Project	
Total Utility Investment (\$)	\$314,445	\$220,715	\$220,715	\$1,197,306	
Electric Benefit (\$)	\$959,671	\$995,366	\$990,584	\$4,344,536	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	4,843	4,843	4,843	4,843	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	4,843	4,843	4,843	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.48%		Other Savings	\$0	
Rate Escalator	3.40%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	4.056%		Measure Life	100%	
Line Loss (Demand)	10.46%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$80,562		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.84				
Net-to-Gross Ratio					

Program Name:	Nevada Power - Non Residential MC 2028	Last Updated:	3/27/2026		
Customer Sector:	Commercial	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:06		
Start Year:	2028				
End Year:	2032	ACE guru 2.1 Model			
Notes:					
		Cost of Conserved Energy			
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$2,640,591	\$624,248	\$2,016,343	4.23	0
Total Resource Cost (TRC)	\$2,400,537	\$624,248	\$1,776,290	3.85	0
Utility Cost Test (UCT)	\$2,400,537	\$1,707,391	\$693,146	1.41	0
Participant Cost Test (PCT)	\$1,083,143	\$0	\$1,083,143		0
Ratepayer Impact Measure (RIM)	\$2,400,537	\$1,707,391	\$693,146	1.41	0
Societal Cost (SCT)	\$2,640,591	\$624,248	\$2,016,343	4.23	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2028	2029	2030	Total Project	
Total Utility Investment (\$)	\$497,937	\$360,942	\$360,942	\$1,941,704	
Electric Benefit (\$)	\$537,105	\$534,525	\$552,247	\$2,400,537	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	2,613	2,613	2,613	2,613	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	2,613	2,613	2,613	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.48%	Other Savings		\$0	
Rate Escalator	3.40%				
Inflation Rate (T&D)	2.25%	Scenarios			
Line Loss (Energy)	4.056%	Measure Life		100%	
Line Loss (Demand)	10.46%	Energy Savings		100%	
Avoided T&D Capacity (\$/MW)	\$80,562	Avoided Energy Cost		100%	
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost		100%	
Non-Energy Benefit Adder (NTRC and SCT)	10.00%	Incremental Measure Cost		100%	
Electric Retail Rate (\$/kWh)	\$0.10				
Gas Retail Rate (\$/therm)	\$0.47				
Net-to-Gross Ratio					

Program Name:	Nevada Power - Residential MC 2028 - Build	Last Updated:	3/27/2026
Customer Sector:	Residential	Avg Measure Life:	
Company:	NPC	Date and Time Printed	3/27/2026 15:06
Start Year:	2028		
End Year:	2032		
Notes:		ACE guru 2.1 Model	

Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	Cost of Conserved Energy (\$/kWh)
NEB Total Resource Cost (NTRC)	\$3,303,304	\$542,362	\$2,760,942	6.09	0
Total Resource Cost (TRC)	\$2,872,438	\$542,362	\$2,330,076	5.30	0
Utility Cost Test (UCT)	\$2,872,438	\$1,634,145	\$1,238,293	1.76	0
Participant Cost Test (PCT)	\$1,091,783	\$0	\$1,091,783		0
Ratepayer Impact Measure (RIM)	\$2,872,438	\$1,634,145	\$1,238,293	1.76	0
Societal Cost (SCT)	\$3,303,304	\$542,362	\$2,760,942	6.09	0

*Includes Rebates Paid to Freeriders

Utility Savings & Costs*	2028	2029	2030	Total Project
Total Utility Investment (\$)	\$555,811	\$321,811	\$321,811	\$1,843,055
Electric Benefit (\$)	\$642,690	\$639,603	\$660,808	\$2,872,438
Gas Benefit (\$)	\$0	\$0	\$0	\$0
Incremental Energy & Demand Savings:				
Electric Savings (kWh)	0	0	0	0
Critical Peak Hour Demand (kW)	3,127	3,127	3,127	3,127
Gas Savings (Therms)	0	0	0	0
Total on Peak Hours (kWh)	3,127	3,127	3,127	0
Total on Peak Hours (%)				0

*Savings in this Section are Adjusted for Line Loss and Net-to-Gross

Financial Data		Secondary Benefits	
Discount Rate	7.48%	Other Savings	\$0
Rate Escalator	3.40%		
Inflation Rate (T&D)	2.25%	Scenarios	
Line Loss (Energy)	4.056%	Measure Life	100%
Line Loss (Demand)	10.46%	Energy Savings	100%
Avoided T&D Capacity (\$/MW)	\$80,562	Avoided Energy Cost	100%
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost	100%
Non-Energy Benefit Adder (NTRC and SCT)	15.00%	Incremental Measure Cost	100%
Electric Retail Rate (\$/kWh)	\$0.11		
Gas Retail Rate (\$/therm)	\$0.84		
Net-to-Gross Ratio			

Program Name:	Nevada Power - Residential MC 2028 - Manage	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:06		
Start Year:	2028				
End Year:	2032	ACE guru 2.1 Model			
Notes:					
			Cost of Conserved Energy		
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$15,657,659	\$1,525,786	\$14,131,873	10.26	0
Total Resource Cost (TRC)	\$13,615,355	\$1,525,786	\$12,089,569	8.92	0
Utility Cost Test (UCT)	\$13,615,355	\$3,652,005	\$9,963,351	3.73	0
Participant Cost Test (PCT)	\$2,126,219	\$0	\$2,126,219		0
Ratepayer Impact Measure (RIM)	\$13,615,355	\$3,652,005	\$9,963,351	3.73	0
Societal Cost (SCT)	\$15,657,659	\$1,525,786	\$14,131,873	10.26	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2028	2029	2030	Total Project	
Total Utility Investment (\$)	\$1,032,436	\$781,767	\$781,767	\$4,159,506	
Electric Benefit (\$)	\$3,046,349	\$3,031,716	\$3,132,232	\$13,615,355	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	14,822	14,822	14,822	14,822	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	14,822	14,822	14,822	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.48%		Other Savings	\$0	
Rate Escalator	3.40%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	4.056%		Measure Life	100%	
Line Loss (Demand)	10.46%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$80,562		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.84				
Net-to-Gross Ratio					

Program Name:	Nevada Power - Non Residential MC 2029	Last Updated:	3/27/2026		
Customer Sector:	Commercial	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:07		
Start Year:	2029	ACE guru 2.1 Model			
End Year:	2033				
Notes:					

Program Name:	Nevada Power - Residential MC 2029 - Build	Last Updated:	3/27/2026
Customer Sector:	Residential	Avg Measure Life:	
Company:	NPC	Date and Time Printed	3/27/2026 15:07
Start Year:	2029		
End Year:	2033	ACE guru 2.1 Model	
Notes:			

					Cost of Conserved Energy
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$3,778,645	\$712,620	\$3,066,025	5.30	0
Total Resource Cost (TRC)	\$3,285,779	\$712,620	\$2,573,158	4.61	0
Utility Cost Test (UCT)	\$3,285,779	\$1,940,875	\$1,344,903	1.69	0
Participant Cost Test (PCT)	\$1,228,255	\$0	\$1,228,255		0
Ratepayer Impact Measure (RIM)	\$3,285,779	\$1,940,875	\$1,344,903	1.69	0
Societal Cost (SCT)	\$3,778,645	\$712,620	\$3,066,025	5.30	0
*Includes Rebates Paid to Freeriders					

Utility Savings & Costs*	2029	2030	2031	Total Project
Total Utility Investment (\$)	\$648,837	\$385,588	\$385,588	\$2,191,188
Electric Benefit (\$)	\$719,553	\$743,410	\$753,175	\$3,285,779
Gas Benefit (\$)	\$0	\$0	\$0	\$0
Incremental Energy & Demand Savings:				
Electric Savings (kWh)	0	0	0	0
Critical Peak Hour Demand (kW)	3,518	3,518	3,518	3,518
Gas Savings (Therms)	0	0	0	0
Total on Peak Hours (kWh)	3,518	3,518	3,518	0
Total on Peak Hours (%)				0
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross				

Financial Data		Secondary Benefits	
Discount Rate	7.48%	Other Savings	\$0
Rate Escalator	3.40%		
Inflation Rate (T&D)	2.25%	Scenarios	
Line Loss (Energy)	4.056%	Measure Life	100%
Line Loss (Demand)	10.46%	Energy Savings	100%
Avoided T&D Capacity (\$/MW)	\$80,562	Avoided Energy Cost	100%
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost	100%
Non-Energy Benefit Adder (NTRC and SCT)	15.00%	Incremental Measure Cost	100%
Electric Retail Rate (\$/kWh)	\$0.11		
Gas Retail Rate (\$/therm)	\$0.84		
Net-to-Gross Ratio			

Program Name:	Nevada Power - Residential MC 2029 - Manage	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	NPC	Date and Time Printed	3/27/2026 15:07		
Start Year:	2029				
End Year:	2033	ACE guru 2.1 Model			
Notes:					
			Cost of Conserved Energy		
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$27,059,299	\$2,609,357	\$24,449,943	10.37	0
Total Resource Cost (TRC)	\$23,529,825	\$2,609,357	\$20,920,469	9.02	0
Utility Cost Test (UCT)	\$23,529,825	\$6,336,531	\$17,193,294	3.71	0
Participant Cost Test (PCT)	\$3,727,175	\$0	\$3,727,175		0
Ratepayer Impact Measure (RIM)	\$23,529,825	\$6,336,531	\$17,193,294	3.71	0
Societal Cost (SCT)	\$27,059,299	\$2,609,357	\$24,449,943	10.37	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2029	2030	2031	Total Project	
Total Utility Investment (\$)	\$1,770,319	\$1,362,712	\$1,362,712	\$7,221,165	
Electric Benefit (\$)	\$5,152,798	\$5,323,638	\$5,393,572	\$23,529,825	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	25,193	25,193	25,193	25,193	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	25,193	25,193	25,193	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.48%		Other Savings	\$0	
Rate Escalator	3.40%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	4.056%		Measure Life	100%	
Line Loss (Demand)	10.46%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$80,562		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.84				
Net-to-Gross Ratio					

Program Name:	Sierra - Non Residential MC 2027	Last Updated:	3/27/2026		
Customer Sector:	Commercial	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:29		
Start Year:	2027				
End Year:	2031	ACE guru 2.1 Model			
Notes:					
		Cost of Conserved Energy			
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$792,695	\$208,621	\$584,074	3.80	0
Total Resource Cost (TRC)	\$720,632	\$208,621	\$512,011	3.45	0
Utility Cost Test (UCT)	\$720,632	\$593,862	\$126,770	1.21	0
Participant Cost Test (PCT)	\$385,241	\$0	\$385,241		0
Ratepayer Impact Measure (RIM)	\$720,632	\$593,862	\$126,770	1.21	0
Societal Cost (SCT)	\$792,695	\$208,621	\$584,074	3.80	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2027	2028	2029	Total Project	
Total Utility Investment (\$)	\$175,445	\$124,590	\$124,590	\$673,805	
Electric Benefit (\$)	\$158,929	\$165,039	\$163,869	\$720,632	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	870	870	870	870	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	870	870	870	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%		Other Savings	\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	5.203%		Measure Life	100%	
Line Loss (Demand)	10.37%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$65,713		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	10.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.09				
Gas Retail Rate (\$/therm)	\$0.40				
Net-to-Gross Ratio					

Program Name:	Sierra - Residential MC 2027 - Build	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:29		
Start Year:	2027	ACE guru 2.1 Model			
End Year:	2031				
Notes:					
		Cost of Conserved Energy			
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$1,274,964	\$208,417	\$1,066,548	6.12	0
Total Resource Cost (TRC)	\$1,108,665	\$208,417	\$900,248	5.32	0
Utility Cost Test (UCT)	\$1,108,665	\$682,672	\$425,993	1.62	0
Participant Cost Test (PCT)	\$474,255	\$0	\$474,255		0
Ratepayer Impact Measure (RIM)	\$1,108,665	\$682,672	\$425,993	1.62	0
Societal Cost (SCT)	\$1,274,964	\$208,417	\$1,066,548	6.12	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2027	2028	2029	Total Project	
Total Utility Investment (\$)	\$238,314	\$132,314	\$132,314	\$767,570	
Electric Benefit (\$)	\$244,507	\$253,906	\$252,107	\$1,108,665	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	1,339	1,339	1,339	1,339	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	1,339	1,339	1,339	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%	Other Savings		\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%	Scenarios			
Line Loss (Energy)	5.203%	Measure Life		100%	
Line Loss (Demand)	10.37%	Energy Savings		100%	
Avoided T&D Capacity (\$/MW)	\$65,713	Avoided Energy Cost		100%	
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost		100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%	Incremental Measure Cost		100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.45				
Net-to-Gross Ratio					

Program Name:	Sierra - Residential MC 2027 - Manage	Last Updated:	3/27/2026
Customer Sector:	Residential	Avg Measure Life:	
Company:	SPPC	Date and Time Printed	3/27/2026 14:29
Start Year:	2027		
End Year:	2031	ACE guru 2.1 Model	
Notes:			

					Cost of Conserved Energy
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$789,840	\$191,775	\$598,066	4.12	0
Total Resource Cost (TRC)	\$686,818	\$191,775	\$495,043	3.58	0
Utility Cost Test (UCT)	\$686,818	\$452,437	\$234,381	1.52	0
Participant Cost Test (PCT)	\$260,662	\$0	\$260,662		0
Ratepayer Impact Measure (RIM)	\$686,818	\$452,437	\$234,381	1.52	0
Societal Cost (SCT)	\$789,840	\$191,775	\$598,066	4.12	0
*Includes Rebates Paid to Freeriders					

Utility Savings & Costs*	2027	2028	2029	Total Project
Total Utility Investment (\$)	\$134,762	\$94,592	\$94,592	\$513,131
Electric Benefit (\$)	\$151,472	\$157,295	\$156,180	\$686,818
Gas Benefit (\$)	\$0	\$0	\$0	\$0
Incremental Energy & Demand Savings:				
Electric Savings (kWh)	0	0	0	0
Critical Peak Hour Demand (kW)	829	829	829	829
Gas Savings (Therms)	0	0	0	0
Total on Peak Hours (kWh)	829	829	829	0
Total on Peak Hours (%)				0
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross				

Financial Data		Secondary Benefits	
Discount Rate	7.38%	Other Savings	\$0
Rate Escalator	4.57%		
Inflation Rate (T&D)	2.25%	Scenarios	
Line Loss (Energy)	5.203%	Measure Life	100%
Line Loss (Demand)	10.37%	Energy Savings	100%
Avoided T&D Capacity (\$/MW)	\$65,713	Avoided Energy Cost	100%
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost	100%
Non-Energy Benefit Adder (NTRC and SCT)	15.00%	Incremental Measure Cost	100%
Electric Retail Rate (\$/kWh)	\$0.11		
Gas Retail Rate (\$/therm)	\$0.45		
Net-to-Gross Ratio			

Program Name:	Sierra - Non Residential MC 2028	Last Updated:	3/27/2026
Customer Sector:	Commercial	Avg Measure Life:	
Company:	SPPC	Date and Time Printed	3/27/2026 14:30
Start Year:	2028		
End Year:	2032	ACE guru 2.1 Model	
Notes:			

					Cost of Conserved Energy
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$967,918	\$267,995	\$699,923	3.61	0
Total Resource Cost (TRC)	\$879,926	\$267,995	\$611,930	3.28	0
Utility Cost Test (UCT)	\$879,926	\$689,138	\$190,788	1.28	0
Participant Cost Test (PCT)	\$421,143	\$0	\$421,143		0
Ratepayer Impact Measure (RIM)	\$879,926	\$689,138	\$190,788	1.28	0
Societal Cost (SCT)	\$967,918	\$267,995	\$699,923	3.61	0
*Includes Rebates Paid to Freeriders					

Utility Savings & Costs*	2028	2029	2030	Total Project
Total Utility Investment (\$)	\$199,617	\$145,762	\$145,762	\$782,665
Electric Benefit (\$)	\$196,777	\$195,383	\$202,040	\$879,926
Gas Benefit (\$)	\$0	\$0	\$0	\$0
Incremental Energy & Demand Savings:				
Electric Savings (kWh)	0	0	0	0
Critical Peak Hour Demand (kW)	1,038	1,038	1,038	1,038
Gas Savings (Therms)	0	0	0	0
Total on Peak Hours (kWh)	1,038	1,038	1,038	0
Total on Peak Hours (%)				0
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross				

Financial Data		Secondary Benefits	
Discount Rate	7.38%	Other Savings	\$0
Rate Escalator	4.57%		
Inflation Rate (T&D)	2.25%	Scenarios	
Line Loss (Energy)	5.203%	Measure Life	100%
Line Loss (Demand)	10.37%	Energy Savings	100%
Avoided T&D Capacity (\$/MW)	\$65,713	Avoided Energy Cost	100%
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost	100%
Non-Energy Benefit Adder (NTRC and SCT)	10.00%	Incremental Measure Cost	100%
Electric Retail Rate (\$/kWh)	\$0.09		
Gas Retail Rate (\$/therm)	\$0.40		
Net-to-Gross Ratio			

Program Name:	Sierra - Residential MC 2028 - Build	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:30		
Start Year:	2028	ACE guru 2.1 Model			
End Year:	2032				
Notes:					
Cost of Conserved Energy					
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$1,305,696	\$208,417	\$1,097,280	6.26	0
Total Resource Cost (TRC)	\$1,135,388	\$208,417	\$926,971	5.45	0
Utility Cost Test (UCT)	\$1,135,388	\$706,669	\$428,719	1.61	0
Participant Cost Test (PCT)	\$498,252	\$0	\$498,252		0
Ratepayer Impact Measure (RIM)	\$1,135,388	\$706,669	\$428,719	1.61	0
Societal Cost (SCT)	\$1,305,696	\$208,417	\$1,097,280	6.26	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2028	2029	2030	Total Project	
Total Utility Investment (\$)	\$238,314	\$132,314	\$132,314	\$767,570	
Electric Benefit (\$)	\$253,906	\$252,107	\$260,697	\$1,135,388	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	1,339	1,339	1,339	1,339	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	1,339	1,339	1,339	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%	Other Savings		\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%	Scenarios			
Line Loss (Energy)	5.203%	Measure Life		100%	
Line Loss (Demand)	10.37%	Energy Savings		100%	
Avoided T&D Capacity (\$/MW)	\$65,713	Avoided Energy Cost		100%	
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost		100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%	Incremental Measure Cost		100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.45				
Net-to-Gross Ratio					

Program Name:	Sierra - Residential MC 2028 - Manage	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:30		
Start Year:	2028	ACE guru 2.1 Model			
End Year:	2032				
Notes:					
Cost of Conserved Energy					
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$2,475,600	\$655,040	\$1,820,560	3.78	0
Total Resource Cost (TRC)	\$2,152,695	\$655,040	\$1,497,656	3.29	0
Utility Cost Test (UCT)	\$2,152,695	\$1,567,667	\$585,029	1.37	0
Participant Cost Test (PCT)	\$912,627	\$0	\$912,627		0
Ratepayer Impact Measure (RIM)	\$2,152,695	\$1,567,667	\$585,029	1.37	0
Societal Cost (SCT)	\$2,475,600	\$655,040	\$1,820,560	3.78	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2028	2029	2030	Total Project	
Total Utility Investment (\$)	\$442,473	\$335,043	\$335,043	\$1,782,645	
Electric Benefit (\$)	\$481,407	\$477,994	\$494,281	\$2,152,695	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	2,538	2,538	2,538	2,538	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	2,538	2,538	2,538	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%		Other Savings	\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	5.203%		Measure Life	100%	
Line Loss (Demand)	10.37%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$65,713		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.45				
Net-to-Gross Ratio					

Program Name:	Sierra - Non Residential MC 2029	Last Updated:	3/27/2026
Customer Sector:	Commercial	Avg Measure Life:	
Company:	SPPC	Date and Time Printed	3/27/2026 14:31
Start Year:	2029		
End Year:	2033		
Notes:		ACE guru 2.1 Model	

Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	Cost of Conserved Energy
					(\$/kWh)
NEB Total Resource Cost (NTRC)	\$1,311,619	\$338,486	\$973,133	3.87	0
Total Resource Cost (TRC)	\$1,192,381	\$338,486	\$853,895	3.52	0
Utility Cost Test (UCT)	\$1,192,381	\$885,628	\$306,753	1.35	0
Participant Cost Test (PCT)	\$547,142	\$0	\$547,142		0
Ratepayer Impact Measure (RIM)	\$1,192,381	\$885,628	\$306,753	1.35	0
Societal Cost (SCT)	\$1,311,619	\$338,486	\$973,133	3.87	0

*Includes Rebates Paid to Freeriders

Utility Savings & Costs*	2029	2030	2031	Total Project
Total Utility Investment (\$)	\$258,278	\$186,803	\$186,803	\$1,005,489
Electric Benefit (\$)	\$260,510	\$269,387	\$272,710	\$1,192,381
Gas Benefit (\$)	\$0	\$0	\$0	\$0
Incremental Energy & Demand Savings:				
Electric Savings (kWh)	0	0	0	0
Critical Peak Hour Demand (kW)	1,383	1,383	1,383	1,383
Gas Savings (Therms)	0	0	0	0
Total on Peak Hours (kWh)	1,383	1,383	1,383	0
Total on Peak Hours (%)				0

*Savings in this Section are Adjusted for Line Loss and Net-to-Gross

Financial Data		Secondary Benefits	
Discount Rate	7.38%	Other Savings	\$0
Rate Escalator	4.57%		
Inflation Rate (T&D)	2.25%	Scenarios	
Line Loss (Energy)	5.203%	Measure Life	100%
Line Loss (Demand)	10.37%	Energy Savings	100%
Avoided T&D Capacity (\$/MW)	\$65,713	Avoided Energy Cost	100%
Environmental Adder (SCT Only)	10.00%	Avoided Capacity Cost	100%
Non-Energy Benefit Adder (NTRC and SCT)	10.00%	Incremental Measure Cost	100%
Electric Retail Rate (\$/kWh)	\$0.09		
Gas Retail Rate (\$/therm)	\$0.40		
Net-to-Gross Ratio			

Program Name:	Sierra - Residential MC 2029 - Build	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:31		
Start Year:	2029				
End Year:	2033	ACE guru 2.1 Model			
Notes:					
Cost of Conserved Energy					
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$1,492,880	\$305,936	\$1,186,945	4.88	0
Total Resource Cost (TRC)	\$1,298,157	\$305,936	\$992,221	4.24	0
Utility Cost Test (UCT)	\$1,298,157	\$856,632	\$441,525	1.52	0
Participant Cost Test (PCT)	\$550,696	\$0	\$550,696		0
Ratepayer Impact Measure (RIM)	\$1,298,157	\$856,632	\$441,525	1.52	0
Societal Cost (SCT)	\$1,492,880	\$305,936	\$1,186,945	4.88	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2029	2030	2031	Total Project	
Total Utility Investment (\$)	\$238,314	\$132,314	\$132,314	\$767,570	
Electric Benefit (\$)	\$283,620	\$293,284	\$296,902	\$1,298,157	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	1,506	1,506	1,506	1,506	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	1,506	1,506	1,506	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%	Other Savings		\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%				
Line Loss (Energy)	5.203%				
Line Loss (Demand)	10.37%				
Avoided T&D Capacity (\$/MW)	\$65,713				
Environmental Adder (SCT Only)	10.00%				
Non-Energy Benefit Adder (NTRC and SCT)	15.00%				
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.45				
Net-to-Gross Ratio					
			Scenarios		
			Measure Life	100%	
			Energy Savings	100%	
			Avoided Energy Cost	100%	
			Avoided Capacity Cost	100%	
			Incremental Measure Cost	100%	

Program Name:	Sierra - Residential MC 2029 - Manage	Last Updated:	3/27/2026		
Customer Sector:	Residential	Avg Measure Life:			
Company:	SPPC	Date and Time Printed	3/27/2026 14:31		
Start Year:	2029				
End Year:	2033				
Notes:	ACE guru 2.1 Model				
Cost of Conserved Energy					
Stakeholder Perspectives & Tests*	Benefits (PV)	Costs (PV)	Net Benefits (PV)	B / C Ratio	(\$/kWh)
NEB Total Resource Cost (NTRC)	\$4,276,273	\$1,120,230	\$3,156,043	3.82	0
Total Resource Cost (TRC)	\$3,718,498	\$1,120,230	\$2,598,268	3.32	0
Utility Cost Test (UCT)	\$3,718,498	\$2,720,052	\$998,446	1.37	0
Participant Cost Test (PCT)	\$1,599,822	\$0	\$1,599,822		0
Ratepayer Impact Measure (RIM)	\$3,718,498	\$2,720,052	\$998,446	1.37	0
Societal Cost (SCT)	\$4,276,273	\$1,120,230	\$3,156,043	3.82	0
*Includes Rebates Paid to Freeriders					
Utility Savings & Costs*	2029	2030	2031	Total Project	
Total Utility Investment (\$)	\$758,708	\$584,019	\$584,019	\$3,094,785	
Electric Benefit (\$)	\$812,413	\$840,095	\$850,460	\$3,718,498	
Gas Benefit (\$)	\$0	\$0	\$0	\$0	
Incremental Energy & Demand Savings:					
Electric Savings (kWh)	0	0	0	0	
Critical Peak Hour Demand (kW)	4,314	4,314	4,314	4,314	
Gas Savings (Therms)	0	0	0	0	
Total on Peak Hours (kWh)	4,314	4,314	4,314	0	
Total on Peak Hours (%)				0	
*Savings in this Section are Adjusted for Line Loss and Net-to-Gross					
Financial Data			Secondary Benefits		
Discount Rate	7.38%		Other Savings	\$0	
Rate Escalator	4.57%				
Inflation Rate (T&D)	2.25%		Scenarios		
Line Loss (Energy)	5.203%		Measure Life	100%	
Line Loss (Demand)	10.37%		Energy Savings	100%	
Avoided T&D Capacity (\$/MW)	\$65,713		Avoided Energy Cost	100%	
Environmental Adder (SCT Only)	10.00%		Avoided Capacity Cost	100%	
Non-Energy Benefit Adder (NTRC and SCT)	15.00%		Incremental Measure Cost	100%	
Electric Retail Rate (\$/kWh)	\$0.11				
Gas Retail Rate (\$/therm)	\$0.45				
Net-to-Gross Ratio					

TEP-3

Nevada Power Company**Rate Impact By Class**

	2027	2028	2029	2030	2031	2032	2033	2034	2035
Commercial & Industrial - Large - Nevada Power	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Commercial & Industrial - Small - Nevada Power	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0002	\$0.0002	\$0.0002	\$0.0001	\$0.0001
Public Authority - Nevada Power	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001
Residential - Nevada Power	\$0.0000	\$0.0000	\$0.0001	\$0.0002	\$0.0002	\$0.0002	\$0.0002	\$0.0002	\$0.0001
Street Lighting - Nevada Power	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0002	\$0.0002	\$0.0002	\$0.0001	\$0.0001
Dos NPC	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
All in Rate Impact	\$0.0000	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0000

(\$/KWh)

Sierra Pacific Power Company**Rate Impact By Class**

	2027	2028	2029	2030	2031	2032	2033	2034	2035
Commercial & Industrial - Large - Sierra Pacific	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Commercial & Industrial - Small - Sierra Pacific	\$0.0000	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0001	\$0.0000
Residential - Sierra Pacific	\$0.0000	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0001	\$0.0000
Street Lighting - Sierra Pacific	\$0.0000	\$0.0000	\$0.0002	\$0.0007	\$0.0007	\$0.0008	\$0.0006	\$0.0006	\$0.0000
Dos SPPC	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
All in Rate Impact	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

(\$/KWh)