

# Standards Committee Nomination Form

Special Elections - Segment 8 and Segment 9

The [Standards Committee](#) (SC) has two representatives from each of the ten industry segments. The SC representatives are elected by the segment they represent. The SC reports to the NERC Board of Trustees and oversees the development of NERC Reliability Standards by performing tasks governed by the [Standard Processes Manual](#), the [SC Charter](#), and the [SC Work Plan](#).

Any person may nominate any other person to serve on the SC, with the limitation that the nominee must be employed by or an agent of an entity that is registered in that segment of the [Registered Ballot Body](#). The nominee is not required to be the RBB representative from that organization.

Nominations are currently being held to fill the vacancies in Segment 8 and Segment 9. Election of representatives is governed by the default [Election of Members of the NERC Standards Committee Procedure](#).

You may use this form to nominate your candidate. You may submit more than one nomination. Please, however, use one form per nomination. You are welcome to nominate yourself.

Nominee's name and contact information.	
Name	Mark Harris
Job Title	Electrical Engineer
Organization	Public Utilities Commission of Nevada
Telephone	775-684-6165
Email	<a href="mailto:mpharris@puc.nv.gov">mpharris@puc.nv.gov</a>
Mailing Address	1150 E. William St, Engr Div, Carson City, NV 89701

Has the nominee been contacted to verify willingness to serve on the SC?	Yes x <input type="checkbox"/>	No <input type="checkbox"/>
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Indicate the Segment selection here.	Segment 8 <input type="checkbox"/>	Segment 9 x <input type="checkbox"/>
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Person making this nomination (if different from nominee).	
Name	Jason Woodruff

Organization	
Telephone	
Email	

Please provide a brief summary of the nominee’s qualifications for this SC position. (The summary should be no longer than a single page of single-spaced text.)

**PUBLIC UTILITIES COMMISSION OF NEVADA**

**Electrical Engineer**, February 2010 to Present

Perform detailed engineering and technical investigations and analyses required in the area of renewable energy. Review and processing of Utility Environmental Protection act (“UEPA”) permits for renewable energy facilities and for electrical transmission lines required to aid in the delivery of renewable energy. Perform inspections of renewable energy systems that have applied with the PUCN in the Nevada Portfolio Energy Credit (“PEC”) trading program. Additional analysis and processing of renewable energy plans and purchased power contracts that are filed with the Commission. Participate in all renewable energy rulemaking/investigative dockets needed to address renewable energy issues within the State of Nevada. Participate and provide technical assistance with Federal land manager meetings involving renewable energy projects in Nevada. As needed provided renewable energy analysis for legislative sessions as directed by the PUCN.

Continued participation with TMCC as a guest lecturer in renewable energy classes, seminars, and technical assistance with the renewable energy technician training program.

**Resource Planning Engineer**, 2000 to January 2010

Resource, Market and Analysis Division/Engineering Division. Similar duties as in previous division. Preparation of technical staff analysis of UEPA applications, distributed generation, electrical reliability, participation in renewable energy and distributed generation working groups representing the Commission. Perform renewable energy system inspections for renewable energy credit estimates and interconnection metering. Perform electrical safety inspections in master-metered mobile home parks and in customer complaints dealing with electrical safety or power quality. Track all reportable electrical outages for reliability assessments and provide for emergency response in major electric outages. Appointment in 2003 and 2009 to the Division of Emergency Management Preliminary Damage Assessment Team and manning ESF Station #12 (Energy) in the State Emergency Operations Center, including disaster deployment and exercises representing the Commission. Participation in technical analysis in electric resource plan dockets. Prepare and defend written reports and testimonies before the Commission. Participation with TMCC and UNR in the development of renewable energy technician courses. Developed estimation methods for solar electric and solar thermal system production for Staff use in the portfolio credit trading program and development of solar thermal requirements that became a Nevada revised statute.

**Resource Planning Engineer**, 1998 to 2000

Resource Analysis and Quality Assurance Division. Responsibilities included engineering and technical analyses of electric, gas, water, and telecommunication utilities’ resource acquisitions, costs, planning, and evaluations. Participated in the data exchange working group and assisted in the universal meter

services tariff. Participated in the development of energy services reliability criteria, project evaluation techniques, and performance measurement standards, competitive market impact assessment, and technology assessment.

Provided technical analysis and support of renewable energy resource issues and rulemaking to support renewable energy portfolio standards. Involved in the review of alternative sellers of electricity and metering services. Performed electrical inspections and electrical safety inspections required for customer inquiries and mobile home park maintenance reimbursement requests. Prepared and defended written reports and testimonies before the Commission.

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**SIERRA PACIFIC POWER COMPANY, 1972-1998**

**Electrical Engineer, 1994 - 1998**

Responsibilities included renewable energy program support for off-grid photovoltaic tariff to interested customers, green pricing business plan development and technical assignments in renewable energy regulatory developments. Project manager for EPRI/USBM/SPPC Crada for thiosulfate heap-leaching gold recovery process. Member of self-directed technology team and internet web page team.

**Electrical Engineer, 1993-1994**

Rotational assignment in plant accounting to analyze distribution installation costs and verify plant allocation costs based on FERC codes.

**Standards Development Engineer, 1991-1993**

Responsible for development of electrical distribution guides, equipment specifications, and construction standards. Published transformer selection guides, transformer fusing guides, and electrical clearance standards. Provided review and technical specifications for annual distribution equipment purchasing and vendor evaluations.

**Electrical Engineer/Program Leader, 1987-1991**

Responsible for company-wide PCB distribution transformer oil sampling program and replacement of units at sensitive locations. Created oil spill plans for power plant sites. Provided hazardous material spill response with local operation crews.

**Substation Design Engineer, 1980-1987**

Responsible for design and project management of 25kV to 345kV electrical substation projects up to \$1.5MM scope. Completed design and installation of water pumping station installations (\$50K scope.) Performed various distribution and transmission design analysis studies, including annual budget estimates of electrical plant additions. Major projects included E. Tracy 345Kv PCB Addition, Mira Loma 345/120kV Substation and Bella Vista 120/25kV Substation.

**Associate Engineer, 1977-1980**

Responsible for electrical design of smaller distribution substation projects and protective coordination studies.

**Associate Engineer, 1976-1977**

Responsible for development of electrical equipment specifications, design standards and construction standards.

**Assistant Engineer, 1973-1976**

Responsible for distribution planning studies, project budget estimates and protection coordination assignments for the Reno/Sparks distribution area.

**Junior Engineer/Student Engineer**, 1972

Performed distribution planning studies as an engineering intern while attending the University of Nevada, Reno.

Please complete this form in addition to the [electronic submittal](#) for all nominees no later than **Wednesday, February 17, 2015** and send to Monica Benson at [monica.benson@nerc.net](mailto:monica.benson@nerc.net).