



Central Hudson Gas & Electric Corporation **Transmission Function Employees**

Director – Transmission System Operations

Maintain around-the-clock accountability and responsibility for and provide general supervision of the personnel responsible for the 24X7 operation and control of the electric and gas Transmission systems. Maintain an operational environment with a strict adherence to a "0" tolerance for error policy. Continuously seek out and evaluate, recommend and oversee implementation of quality and process improvement opportunities for these operations. Ensure that all Transmission System Operations personnel receive the necessary training and certification/qualification to maintain proficiency and operational excellence in accordance with Central Hudson, NYISO (New York Independent System Operator), NPCC (North East Power Coordinating Council), NERC (North American Electric Reliability Corporation), NGA (Northeast Gas Association), and DOT (Department of Transportation) rules and guidelines. Develop and/or oversee the development of Operating Procedures and compliance documentation associated with NERC Electric Reliability Standards and DOT Control Room Management Rule. Coordinate with other groups throughout Central Hudson such as Customer Services, neighboring Transmission Owners, and the NYISO to ensure the highest standards and expectations of operational performance, efficiencies, and safety are maintained. Coordinate with these groups to prepare for and/or respond to abnormal conditions such as storms to ensure the highest level of system performance, reliability, and security are maintained on a 24X7 basis. Ensure that communication of system conditions and significant events throughout the organization and to Regulatory Agencies is conducted timely and accurately. Participate in and represent Central Hudson in various NYISO and NGA committees.

Senior Transmission Operator

Using independent judgment, supervise¹ personnel engaged in the 24x7 operation of the Electric and Gas Transmission systems. Actively participate in the hiring process to fill vacancies of direct reports including but not limited to development of personnel requisitions, review of posting descriptions, review of resumes, participation in interview teams, and development of recommendations. Monitor the progress of direct reports in the Transmission System Operations Initial and Continuing Training Programs and develop and implement corrective actions as necessary up to and including discipline. Manage the progressive discipline process of direct reports up to and including if necessary suspension and/or discharge. Participate in the Quarterly Operations meetings with all

¹ The term supervise includes but is not limited to scheduling, coordinating, and assigning the work of direct reports in Transmission System Operations as well as providing both immediate and general direction for the work performed by these direct reports based on their qualification and assignment.

Senior Transmission Operators in accordance with Operating Policy OP-05: System Operations Training Program Policy. Perform short- and long- term reliability assessments utilizing the State Estimator (SE) and Contingency Analysis (CA) to identify any potential System Operating Limit (SOL) exceedances or cascading outages. Develop the Daily Operating Plan in advance of in-day and implement changes to the Daily Operating Plan in-day for changes in system conditions. Exercise decision-making authority and take and/or direct any and all actions necessary to maintain the safe and reliable operation of the Electric and Gas Transmission systems. Assess the need for additional resources in Transmission System Operations due to events or heightened levels of activity and assign or approve the associated callouts as necessary. Assess the need for additional resources in the field after-hours and approve the associated callouts as necessary. Ensure a comprehensive and detailed turnover to the on-coming shift is conducted prior to relief. Maintain proficiency with all regulatory agency and other reporting requirements including but not limited to DPS (Department of Public Service), DOT (Department of Transportation), NPCC (Northeast Power Coordinating Council), NERC (North American Electric Reliability Corporation), and NYISO (New York Independent System Operator) and develop or review, approve, and submit all required reports. Promptly inform the Director-Transmission System Operations or Manager-System Operations of significant and/or unusual events and ensure other areas of the organization and upper-Management are properly informed of significant and/or unusual events. Ensure the highest levels of safe work practices are observed to strive for an accident and injury free workplace. Maintain proficiency and compliance with all NERC Reliability Standards assigned to System Operations based on the Company's entity registration-type. Successfully complete a Train-the-Trainer-type course and verify and document on Task Qualification Checksheets the ability of all NERC Certified direct reports to perform all new and revised Reliability-Related Tasks in accordance with Operating Policy OP-05: System Operations Training Program Policy. Participate in and successfully complete the System Operator SAT (Systematic Approach to Training) Continuing Training Program annually in accordance with System Operations Operating Policy OP-05: System Operations Training Program Policy. Maintain DOT Gas Operator Qualification by successfully completing the DOT Gas Operator Qualification Examination every 3 years. Maintain NERC Transmission Operator Certification by completing the required number of NERC Continuing Education Hours every 3 years.

System Operations Coordinator

Under general supervision², review and approve if acceptable in accordance with the Manual of Safe Practices and applicable System Operations' operating documents, all Electric and Gas Transmission³ outage and switching requests and coordinate with Customer Services, Operations Services, neighboring Transmission Owners, and the NYISO (New York Independent System Operator) to schedule all approved Electric and Gas Transmission outage and switching requests. Utilize the Transmission Security Management (TSM) software for real time State Estimation (SE) and Contingency Analysis (CA) and Transmission Outage Application (TOA) for preparing and scheduling all electric and gas Transmission switching and valving orders. Process pre-scheduled Distribution Switching Order notifications by verifying the required Distribution Operating Authority (DOA) or Designated Distribution Operating Authority (DDOA) approval signatures, verifying no conflict with existing and approved Transmission switching and

² General supervision does not alleviate the System Operations Coordinator of the responsibility and decision-making authority of an operating position that is responsible for performing Reliability-Related Tasks (RRTs).

outage requests, and entering the Distribution Switching Order information in TOA for notification to affected parties. Assemble and submit all applicable operating data including but not limited to outage and generation schedules and load forecasts required for Management to develop the next-day Daily Operating Plan. Respond to and assist with the operation of the Electric and Gas Transmission systems when directed by Management. Perform the responsibilities of the Company's NERC TADS (Transmission Availability Data System) representative and develop and submit all TADS reports in accordance with NERC requirements. Maintain proficiency and compliance with all NERC Reliability Standards assigned to System Operations based on the Company's entity registration-type. Perform other duties of lower classifications as assigned by Management if trained and qualified. Participate in and successfully complete all required training including but not limited to the System Operator and Outage Coordinator SAT (Systematic Approach to Training) Continuing Training Programs in accordance with System Operations Operating Policy OP-05: System Operations Training Program Policy. Maintain DOT Operator Qualification by successfully completing the DOT Gas Operator Qualification Exam every three (3) years. Participate in the NERC Continuing Education Program and maintain NERC Certification as a Transmission Operator by completing the required number of NERC Continuing Education Hours every three (3) years.

Chief Transmission Operator

Under general supervision⁴, prepare, review, approve, and execute Transmission Switching and Valving Orders in accordance with the Manual of Safe Practices and applicable System Operations' operating documents. Under general supervision exercise decision-making authority and perform the functions of a real-time operating position including but not limited to monitoring the pre- and post- contingency voltage and power flow parameters of the Electric Transmission system and pressure and flow rate parameters of the Gas Transmission system. Under general supervision adjust Transmission system resources to maintain these parameters within established limits and promptly acknowledge and respond to system alarms. Utilize the Transmission Security Management (TSM) software for real time State Estimation (SE) and Contingency Analysis (CA) and Transmission Outage Application (TOA) for preparing all electric and gas Transmission switching and valving orders. Under general supervision, monitor the status of Distribution system elements via the existing Energy Management System SCADA and notify the Distribution Operating Authority (DOA) or Designated Distribution Operating Authority (DDOA) as appropriate. Notify the DOA or DDOA and operate via supervisory joint-jurisdiction devices (TD devices) for Transmission system requirements. Under the direction of the DOA or DDOA, operate via supervisory joint-jurisdiction devices (i.e. TD devices) when directed for Distribution system requirements. Supervise, direct, and be responsible for the actions of Assistant Transmission Operators and Transmission Operators assigned to assist with or perform the tasks of the real-time operating position. Perform assessments of and complete Task Qualification (TQ) Checksheets of all new or revised Reliability-Related Tasks for the assigned Transmission Operators and Assistant Transmission Operators. Monitor access to the Primary Control Center (or Alternate Control Center if applicable) in accordance with the Company NERC CIP Cyber Security Policy. Promptly inform Management of significant and/or unusual events. Perform callouts for additional

⁴ General supervision does not alleviate the Chief Transmission Operator of the responsibility and decision-making authority of an operating position that is responsible for performing Reliability-Related Tasks (RRTs).

resources when necessary. With the appropriate upgrade, A assume the responsibilities of the Senior Transmission Operator or System Operations Coordinator when assigned by Management. Ensure the highest levels of safe work practices are observed by personnel including field personnel to strive for an accident and injury free workplace. Develop regulatory agency reports when directed by Management. Maintain proficiency and compliance with all NERC Reliability Standards assigned to Transmission System Operations based on the Company's entity registration-type. Participate in and successfully complete all required training including but not limited to the Transmission Operator and Outage Coordinator SAT (Systematic Approach to Training) Continuing Training Programs in accordance with System Operations Operating Policy OP-05: System Operations Training Program Policy. Maintain DOT Operator Qualification by successfully completing the DOT Gas Operator Qualification Exam every three (3) years. Participate in the NERC Continuing Education Program and maintain NERC Certification as a Transmission Operator by completing the required number of NERC Continuing Education Hours every three (3) years.

Transmission Operator

Under general supervision⁵ of a Chief Transmission Operator, prepare, review, approve, and execute Transmission Switching and Valving Orders in accordance with the Manual of Safe Practices and applicable System Operations' operating documents. Under general supervision exercise decision-making authority and perform the functions of a real-time operating position including but not limited to monitoring the pre- and post-contingency voltage and power flow parameters of the Electric Transmission system and pressure and flow rate parameters of the Gas Transmission system. Under general supervision adjust Transmission system resources to maintain these parameters within established limits and promptly acknowledge and respond to system alarms. Utilize the Transmission Security Management (TSM) software for real time State Estimation (SE) and Contingency Analysis (CA) and Transmission Outage Application (TOA) for preparing all electric and gas Transmission switching and valving orders. Under general supervision, monitor the status of Distribution system elements via the existing Energy Management System SCADA and notify the Distribution Operating Authority (DOA) or Designated Distribution Operating Authority (DDOA) as appropriate. Notify the DOA or DDOA and operate via supervisory joint-jurisdiction devices for Transmission system requirements. Under the direction of the DOA or DDOA, operate via supervisory joint-jurisdiction devices when directed for Distribution system requirements if necessary. Monitor access to the Primary Control Center (or Alternate Control Center if applicable) in accordance with the Company NERC CIP Cyber Security Policy. Promptly inform the Chief System Operator or Management of significant and/or unusual events. Perform callouts for additional resources when necessary. With the appropriate upgrade, A assume the responsibilities of the Chief Transmission Operator when assigned by Management. Ensure the highest levels of safe work practices are observed by personnel including field personnel to strive for an accident and injury free workplace. Develop regulatory agency reports when directed by Management. Maintain proficiency and compliance with all NERC Reliability Standards assigned to System Operations based on the Company's entity registration-type. Perform other duties of lower classifications as assigned by Management if trained and qualified. Participate in and successfully complete all required training including but not limited to the System Operator SAT (Systematic Approach to Training) Continuing Training Program in accordance with System Operations Operating Policy OP-05: System Operations Training Program Policy. Maintain DOT Operator Qualification by successfully

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completing the DOT Gas Operator Qualification Exam every three (3) years. Participate in the NERC Continuing Education Program following Certification and maintain NERC Certification as a Transmission Operator by completing the required number of NERC Continuing Education Hours every three (3) years.

Assistant Transmission Operator

Under direct supervision⁶ of a Chief Transmission Operator, prepare, review, and execute Transmission Switching and Valving Orders in accordance with the Manual of Safe Practices and applicable System Operations' operating documents. Under direct supervision perform the functions of a real-time operating position including but not limited to monitoring the pre- and post- contingency voltage and power flow parameters of the Electric Transmission system and pressure and flow rate parameters of the Gas Transmission system. Under direct supervision adjust Transmission system resources to maintain these parameters within established limits and promptly acknowledge and respond to system alarms. Monitor access to the Primary Control Center (or Alternate Control Center if applicable) in accordance with the Company NERC CIP Cyber Security Policy. Perform callouts for additional resources when directed. Ensure the highest levels of safe work practices are observed by personnel including field personnel to strive for an accident and injury free workplace. Perform other duties of lower classifications as assigned by Management if trained and qualified. Participate in and successfully complete all required training including but not limited to the System Operator SAT (Systematic Approach to Training) Initial Training Program and DOT Operator Qualification in accordance with System Operations Operating Policy OP-05: System Operations Training Program Policy.

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⁶ Direct supervision requires a Chief Transmission Operator to be assigned to the same real-time operating position with the Assistant Transmission Operator. The Chief Transmission Operator maintains the responsibility and decision-making authority for performance of all tasks including all Reliability-Related Tasks (RRTs) associated with the operating position.