



PJM Designated Entity Status
Pre-Qualification Package

Submitted September 28, 2018

Prequalification Package Requirements

1. Name and address of the entity including a point of contact.

Duquesne Light Company
411 Seventh Avenue
Pittsburgh, PA 15219

Elizabeth M. Cook
Senior Manager, System Planning
ecook@duqlight.com
(412) 393-8480 (office)
(412) 408-0207 (cell)

2. Technical and engineering qualifications of the entity or its affiliate, partner, or parent company.

For more than a century, Duquesne Light Company has been a provider of reliable transmission and distribution service to over half a million customers in western Pennsylvania.

The company that is now Duquesne Light Holdings, Inc. (“DL Holdings”) was founded as one of the first electric companies in the United States in 1880 under the name Allegheny County Light Company (“ALCL”). In 1898, the Philadelphia Company acquired ALCL, and in 1912, it merged with other subsidiaries of the company to become Duquesne Light Company (“Duquesne Light”). In 1935, Duquesne Light became a separate utility due to restrictions in ownership under the Public Utility Holding Company Act. In 1989, the company was restructured and Duquesne Light became a subsidiary of DL Holdings. In 1996, deregulation laws went into effect in Pennsylvania requiring energy companies to separate power generation and power transmission business units. By 2000, the company had divested of all of its generation assets. In 2007, DL Holdings became a wholly-owned subsidiary of DQE Holdings, LLC, when the company was acquired by a consortium of private equity investors. The consortium consists of several institutional investors which own all of the common equity of Duquesne Light’s parent company, DQE Holdings, LLC.

DL Holdings has both regulated and unregulated subsidiaries. Its primary subsidiary is Duquesne Light, a regulated utility operating an 817-square-mile area in southwestern Pennsylvania that includes the majority of Beaver and Allegheny Counties. Duquesne Light provides electric transmission and distribution services to approximately 590,000 customers, approximately 90 percent of which are residential. Duquesne Light serves as the Provider of Last Resort for customers who do not choose a non-regulated supplier of electricity. Duquesne Light’s transmission and distribution system is comprised of over 670 circuit miles of overhead and underground transmission lines ranging from 69 kV to 345 kV, over 7,200 circuit miles of overhead and underground distribution lines of 23 kV or less, and over 375 transmission and distribution substations, including customer-owned substations.

Duquesne Light has considerable technical and utility industry expertise within the following departments: Transmission Planning, Distribution Planning, Protection Engineering, Substation

Engineering, Civil & Line Engineering, Project & Process Management, Asset Management, Transmission & Distribution Construction & Maintenance, Substations Construction & Maintenance, and Operations Center. Additionally, Duquesne Light has comprehensive Safety, Health, and Environmental Workforce Development departments, a robust Operations Services area, which includes Property, Materials, and Transportation Services. Importantly, Duquesne Light has a well-designed and documented Compliance program, which includes a Corporate Compliance group with oversight of compliance with the NERC Reliability Standards assigned directly to Duquesne Light as a registered entity or through the PJM TO/TOP matrix.

3. Demonstrated experience of the entity or its affiliate, partner, or parent company to develop, construct, maintain and operate transmission facilities. Including a list or other evidence of transmission facilities previously developed regarding construction, maintenance, or operation of transmission facilities both inside and outside of the PJM Region.

As stated in item (2) above, Duquesne Light provides electric transmission and distribution services to approximately 590,000 customers. Duquesne Light plans, constructs, owns, operates, and maintains over 670 circuit miles of overhead and underground transmission lines, specifically, 18.44 miles of 69 kV, 504.18 miles of 138 kV, and 153.60 miles of 345 kV in addition to over 50 transmission substations. Duquesne Light also owns, operates, and maintains thirteen (14) 345/138 kV autotransformers and six (6) 138/69 kV autotransformers (the latter number has been significantly reduced in recent years due to Duquesne Light’s efforts to eliminate 69 kV as a transmission voltage).

Since joining PJM on January 1, 2005, Duquesne Light has completed over 126 transmission projects, not including transmission maintenance activities. Of these, 79 were PJM Baseline projects, 46 were Supplemental or Transmission Owner Initiated, and one was a Network Upgrade. Duquesne Light owns, operates, and maintains these transmission facilities.

Table 1: PJM RTEP Transmission Projects for Duquesne Light

Upgrade ID	Status	Description
b0253	IS	Convert Pine Creek substation from 69kV to 138kV
b0254	IS	Convert North substation from 69kV to 138kV
b0255	IS	Convert Highland substation from 69kV to 138kV and Lines to Logans Ferry to 138kV
b0256.1	IS	Convert Valley substation from 69kV to 138kV
b0256.2	IS	Reconductor Valley-Crescent at 138kV (Z-82)
b0257.1	IS	Convert Wilmerding substation from 69kV to 138kV
b0257.2	IS	Convert Dravosburg-Wilmerding from 69kV to 138kV
b0258	IS	Elrama replace 41 MVA 138/69kV transformer with a minimum 75 MVA
b0493	IS	Reconductor both Cheswick - Logan's Ferry 138 kV circuits
b0501	IS	Convert Forbes substation to 138 kV supply
b0502	IS	New Underground Carson - Brunot Island 345 kV circuit
b0502.1	IS	Replace Dravosburg 138kV breaker 'Z79 Illinois'
b0502.3	IS	Replace Dravosburg 138kV breaker 'Z73 West Mifflin'
b0502.4	IS	Replace Dravosburg 138kV breaker 'Z70 Elywn'

Upgrade ID	Status	Description
b0503	IS	Recable & loop existing Carson - Oakland 138 kV into Forbes 138 kV substation
b0929	IS	Replace Universal 138 kV breaker 'Z-152'
b0930	IS	Replace Universal 138 kV breaker 'Z-154' / 'Z-78'
b0931	IS	Replace Universal 138 kV breaker 'NO 1-3'
b0932	IS	Replace Brunot Island 138 kV breaker 'GEN2 69 XFMR'
b0933	IS	Replace Dravosburg 138 kV breaker 'Z-91'
b0934	IS	Replace Dravosburg 138 kV breaker 'Z-87'
b0935	IS	Replace Dravosburg 138 kV breaker 'Z-76'
b0936	IS	Replace Dravosburg 138 kV breaker 'Z-77'
b0937	IS	Replace Dravosburg 138 kV breaker 'Z-74'
b0940	IS	Replace Cheswick 138 kV breaker '2a/2B CAP'
b1022.13	IS	Upgrade relaying at Elrama and Woodville to accommodate reconfiguration of 138 kV lines
b1022.14	IS	Incorporate reconfigured 138 kV line into DL Sonet ring
b1022.2	IS	Reconductor both Collier - Woodville 138 kV lines
b1080	IS	Restudy rating of Arsenal - Highland 138 kV underground line
b1081	IS	Install 138kV reactors on BI - Forbes to prevent line overload
b1117	IS	Replace Beaver Valley 138kV breaker '1A & 3A SS tfmr' with 63 kA rated breaker
b1118	IS	Replace Beaver Valley 138kV breaker '1B & 3B SS tfmr' with 63kA rated breaker
b1119	IS	Replace Beaver Valley 138kV breaker '2B SS tfmr'
b1120	IS	Replace Beaver Valley 138kV breaker 'Z30 Midland' with 63kA rated breaker
b1121	IS	Beaver Valley 138kV breaker 'Z33 J&L Midland' change reclosing time from 10 to 15 seconds
b1122	IS	Replace Elwyn 138kV breaker 'Z62 Collier'
b1123	IS	Replace Elwyn 138kV breaker 'No.1-2 138kV bus'
b1124	IS	Replace Elwyn 138kV breaker 'No.2-3 138kV bus'
b1174	IS	Create a second Collier-Elwyn 138kV circuit (Z-162) by utilizing both sets of bifurcated conductors on the existing Collier-Elwyn (Z-62) 138kV circuit
b1260	IS	Replace Beaver Valley 138kV breaker 'Z33 J&L Midland'
b1343	IS	Replace Collier 138 kV breaker '2-3 Bus Tie'
b1605	IS	Replace Crescent 138 kV breaker 'Z143 #1'
b1645	IS	Revise the reclosing of Beaver Valley 138kV breaker 'Z-29 Crescent'
b1646	IS	Revise the reclosing of Beaver Valley 138kV breaker 'Z-37 Raccoon'
b1968	IS	Establish operating procedure such that breaker 89, connecting Cheswick-Logans Ferry Z-53 to the No. 3 138 kV bus at Cheswick Substation is normally open
b1969	IS	Install a third 345-138 kV autotransformer at Collier Substation. Currently s0321 and will be converted to baseline.
b1985	IS	Reconductor a portion of the Mitchell-Wilson 138kV line
b2174.1	IS	Convert the Wilson 69kV substation to 138kV
b2174.2	IS	Extend the Elrama-Mitchell 138kV circuit to Wilson substation by converting the 69kV lines between Elrama and Wilson to 138kV

Upgrade ID	Status	Description
b2174.3	IS	Convert the 69kV lines between Dravosburg and Wilson to 138kV and create a new Dravosburg-Wilson 138kV circuit
b2174.4	IS	Combine the Bethel Park-Elrama and Elrama-West Mifflin 138kV circuits and loop through the Wilson 138kV substation creating a Bethel Park-Wilson 138kV circuit and a West Mifflin-Wilson 138kV circuit
b2174.5	IS	Combine the Piney Fork-Elrama and Elrama-Clairton 138kV circuits to create a Piney Fork-Clairton 138kV circuit
b2174.6	IS	Bifurcate the Dravosburg-West Mifflin 138kV circuit utilizing the conductors of the Elrama-Dravosburg 69kV circuit
b2174.7	IS	Retire the Elrama 138/69kV substation and the Elrama-Dravosburg 138kV circuit
b2175	IS	Perform a High Voltage Study to determine the optimal configuration of the shunt reactors or another reactive compensation solution
b2175.1	IS	200 MVAR shunt reactor at Brunot Island 345 kV
b2175.2	IS	200 MVAR shunt reactor on future Brunot Island - Carson 345 kV circuit
b2198	IS	Revise the reclosing for the Brunot Island 138 kV breaker 'Z-40 COLLIER'
b2199	IS	Revise the reclosing for the Brunot Island 138 kV breaker 'Z-41 COLLIER'
b2200	IS	Revise the reclosing for the Crescent 138 kV breaker 'Z-29 Beaver'
b2201	IS	Revise the reclosing for the Crescent 138 kV breaker 'Z-82 VALLEY'
b2202	IS	Revise the reclosing for the Crescent 138 kV breaker 'Z-21 NORTH'
b2203	IS	Revise the reclosing for the Elrama 138 kV breaker 'Z18-USX CLAI'
b2204	IS	Revise the reclosing for the Elrama 138 kV breaker 'Z13-WEST MIF'
b2205	IS	Revise the reclosing for the Elrama 138 kV breaker 'Z15-DRAVOSBU'
b2206	IS	Revise the reclosing for the Woodville 138 kV breaker 'Z-106 PINEY'
b2207	IS	Revise the reclosing for the Woodville 138 kV breaker 'Z-64 COLLIER'
b2208	IS	Revise the reclosing for the Beaver Valley 138 kV breaker 'Z-28 CRESCEN'
b2209	IS	Revise the reclosing for the Cheswick 138 kV breaker Z-51 WILMERD'
b2280	IS	Replace the USAP 138kV breaker 'XFMR'
b2303	IS	Revise the reclosing to the Dravosburg 138kV breaker 'Z73 West Mifflin' from 5 sec to 15 sec.
b2563	IS	Operate with the Crescent 345/138 kV #3 autotransformer in-service by replacing 8 overdutied 138 kV breakers at Crescent, 3 138 kV breakers at Beaver Valley with 63 kA rated breakers; install #1 section
b2632	IS	Replace the Oakland 138 kV 'Z-101 Arsenal' breaker
b2639	IS	Replace the Crescent 138kV 'NO3 - 4 138' breaker with a 63kA breaker
b2640	IS	Replace the Crescent 138kV 'Z143 SWCKLY' breaker with a 63kA breaker
b2641	IS	Replace the Crescent 138kV 'Z-24 MONTOUR' breaker with a 63kA breaker
b2642	IS	Replace the Crescent 138kV 'Z-28 BEAVER' breaker with a 63kA breaker
b2689.1	IS	Reconductor approximately 7 miles of the Woodville - Peters (Z-117) 138 kV circuit
b2689.2	IS	Reconfigure West Mifflin-USS Clairton(Z-15) 138 kV circuit to establish Dravosburg-USS Clairton(Z-14) 138 kV circuit and West Mifflin-Wilson(Z-15) 138 kV circuit
s0168	IS	Install a third 345/138 kV autotransformer at Crescent but the normal running order will be out of service to provide a hot spare

Upgrade ID	Status	Description
s0175	IS	Replace Elywn 138kV breaker 'Z70 Dravosburg'
s0176	IS	Connect the Brentwood substation tap to both sets of bifurcated conductors on the Dravosburg Elwyn (Z-70) 138kV circuit
s0221	IS	Replace the Clinton substation 345 kV breaker drops on the Beaver Valley - Clinton and the Collier - Clinton 345 kV
s0222	IS	Replace the Elrama - Mitchell 138 kV breaker and disconnect switches at the Elrama substation
s0304	IS	Expand Midland substation to a three 138kV buses with two distribution transformers
s0404	IS	Reconfigure the Hopewell 69 kV substation to serve the US Gypsum customer directly from a breaker position on the Hopewell No. 1 69 kV bus
s0504.1	IS	Replace No. 2-4 Autotransformer 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.2	IS	Replace Crescent (318) No. 4 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.3	IS	Replace Unit 1, No. 3 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.4	IS	Replace Unit 2, No. 5 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.5	IS	Replace Clinton (314) No. 3 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.6	IS	Replace Mansfield (316) 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.7	IS	Replace Unit 1, No. 4 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.8	IS	Replace Unit 2, No. 6 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0504.9	IS	Replace Clinton (314) No. 4 Bus 345 kV breaker at Beaver Valley 345/138 kV substation with 80 kA breaker
s0567	IS	Replace the Collier 1-3 345kV bus tie breaker and the Collier 2-3 345kV bus tie
s0670	IS	Reroute approximately 2.5 miles of the Valley - Raccoon (Z-81 & Z-83) 138 kV circuits and Valley - Hopewell (66161) 69 kV circuit and loop the Z-83 circuit through a new 7 bus ring substation
s0733	IS	Brunot Island 3-10 138 kV tie Breaker replacement
s0734	IS	Carson 3-4 138 kV tie breaker replacement
s0735	IS	Raccoon Z-81 138 kV breaker replacement
s1226	IS	Replace aged-oil Brunot - #3/9 138kV bus tie breaker with current standard SF6 breaker (Present rating: 63 kA, Future Rating: 63 kA).
s1227	IS	Replace aged-oil Brunot - Sewickley Z43 138kV breaker with current standard SF6 breaker (Present rating: 63 kA, Future Rating: 63 kA).
s1228	IS	Replace Beaver Valley - 2B SSST breaker 138kV (Present rating: 63 kA, Future Rating: 63 kA).
s1229	IS	Replace aged-oil Raccoon Sub Valley Z83 138kV breaker with current standard SF6 breaker (Present rating: 63kA, Future Rating: 50kA).

Upgrade ID	Status	Description
s1230	IS	Replace aged-oil Raccoon Sub #1/2 138kV bus tie breaker with current standard SF6 breaker (Present rating: 63kA, Future Rating: 50kA).
s1233	IS	Replace aged-oil Cheswick SS - #88 138kV breaker at North Z-56 Bus #4 with current standard SF6 breaker(Present rating: 63kA, Future Rating: 63kA).
s1235	IS	Replace aged-oil Collier SS 2A transformer 138kV breaker with current standard SF6 breaker (Present rating: 50kA, Future Rating: 63kA).
TOI332	IS	New Arsenal-Highland 138kV underground line
TOI334.1	IS	New Arsenal-Highland 345kV underground line
TOI334.2	IS	New Arsenal-Logans Ferry 345kV overhead line
TOI334.3	IS	New Logans Ferry 345kV substation with 345/138kV autotransformer
TOI334.4	IS	Replace Cheswick 138kV breaker Z58
TOI335.1	IS	Convert Brunot Island-Arsenal Z-67 to 345kV from 138kV underground line
TOI335.2	IS	New Arsenal 345kV substation with 345/138kV autotransformer
TOI335.3	IS	Convert Collier-Brunot Island Z-67 to 345kV from 138kV overhead line
TOI336.1	IS	Expand Brunot Island substation
TOI336.2	IS	Re-arrange to form Crescent-Brunot Island 345kV line
TOI336.3	IS	Re-arrange to form Brunot Island-Arsenal & Arsenal-Carson 345kV lines
TOI337.2	IS	Convert Phillips 69kV substation to Crescent 138kV substation
TOI337.3	IS	Expand Hopewell substation with 2-69kV lines converted to 138kV
TOI337.4	IS	Convert Koppel Steel to 138kV & eliminate 69kV in Legionville substation
TOI337.5	IS	Convert Ambridge substation to 138kV from 69kV
TOI339	IS	New Sewickley 138kV substation with Crescent-Sewickley & Sewickley-(Neville)-Brunot Island line
TOI428	IS	Replace Crescent 345 kV breaker #324 - Mansfield 315
TOI429	IS	Replace Collier 345 kV breaker #315 - Clinton 324
n2085	IS	Woodville - Install 42.31 MVAR capacitors in substation from the MVAR deficiency at Beaver Valley
b3012.2	EP	Construct new ties from FE's new substation to DUQ's new substation - DL portion
b3015.1	EP	Construct new Elrama 138 kV substation and connect 7 138 kV lines to new substation
b3015.2	EP	Reconductor Elrama to Wilson 138 kV line. 4.8 miles
b3015.3	EP	Reconductor Dravosburg to West Mifflin 138 kV line. 3 miles
b3015.4	EP	Run new conductor on existing tower to establish the new Dravosburg-Elrama (Z-75) circuit. 10 miles
b3015.5	EP	Reconductor Elrama to Mitchell 138 kV line - DL portion. 4.2 miles total. 2x795 ACSS/TW 20/7
b3015.7	EP	Reconductor Wilson to West Mifflin 138 kV line. 2 miles. 795ACSS/TW 20/7
s0303	On Hold	Rebuild the St. Joe-Kobuta 69kV circuit
s0320	EP	Rebuild aging double circuit 138 kV tower line between Brunot Island and Crescent substations with 138 kV tower line.
s0320.1	EP	Reconfigure 138 kV circuits to create Brunot Island-Montour, Montour-Sewickley, and Crescent-Sewickley 138 kV circuits and establish new Brunot Island-Crescent 138

Upgrade ID	Status	Description
		kV (future 345 kV) circuit

4. Previous record of the entity or its affiliate, partner, or parent company to adhere to standardized construction, maintenance and operating practices.

Duquesne Light has extensive experience adhering to standardized construction, maintenance and operating practices. Duquesne Light personnel are familiar with industry standards and incorporates them into their day-to-day planning, operations, design, construction, and related activities. Duquesne Light also encourages its personnel to pursue and obtain industry certifications such as professional engineering licensure and offers internal classes to meet licensing requirements. Transmission System Operators and Shift Supervisors are NERC and PJM certified and meet all annual training requirements to maintain their certifications.

Furthermore, Duquesne Light has demonstrated its ability to adhere to NERC Reliability Standards and has participated in NERC 693, CIP, and PJM TO/TOP matrix compliance audits. There were no findings in PJM’s TO/TOP matrix audit of the company in December of 2016 or in the NERC CIP audit conducted in April 2017.

Due to a significantly increased focus on and dedication to safety, a dramatic improvement in safety performance was witnessed in 2015 and has continued in 2016 and 2017. Since 2014, each of DLC’s key incident rate metrics have improved 67% or more. In recognition of these improvements, DLC was awarded the 2016 Safety Achievement Award, the 2016 Safety Improvement Award, the 2017 Motor Vehicle Fleet Safety Improvement Award, the 2018 Safety Improvement Award, and the 2018 Safety Sustainability Award from the Energy Association of Pennsylvania.

This transformation can be traced back to a number of performance drivers, including strategic focus, leadership commitment, employee engagement, enhanced staffing, increased safety communications and a continuous improvement mindset. DLC believes that the Company’s improved safety metrics are reflective of a genuine culture change within the Company over the past several years—one in which every employee is committed to working safely above all.

Duquesne Light’s Asset Management department documents the current status of Duquesne Light’s transmission and distribution assets. The Asset Management department plans for future development, maintenance, and replacement of these assets. In addition, the Asset Management department performs numerous inspections throughout the year and is responsible for remediation of any items found during these inspections.

Similarly, Duquesne Light’s Vegetation Management group maintains and implements a Transmission Vegetation Management Program. This program ensures full compliance with the NERC Vegetation Management Reliability Standard FAC-003 requirements. As part of its strategy to maintain a reliable electric transmission system, Duquesne implements a defense-in-depth strategy to manage vegetation located on transmission rights-of-way (“ROW”), minimize

encroachments from vegetation located adjacent to the ROW and report vegetation related outages of the transmission system to its respective Regional Reliability Organization and NERC.

5. Capability of the entity or its affiliate, partner, or parent company to adhere to standardized construction, maintenance and operating practices.

Duquesne Light's demonstrated ability to adhere to standardized construction, maintenance, and operating practices outlined in the response to item four (4) coupled with its work practices, manuals, and experienced personnel conclude that Duquesne Light is and will continue to be capable of adhering to standardized construction, maintenance, and operating practices.

6. Financial statements of the entity or its affiliate, partner, or parent company. Please provide the most recent fiscal quarter, as well as the most recent three fiscal years, or the period of existence of the entity, if shorter, or such other evidence demonstrating an entity's current and expected financial capability acceptable to the Office of the Interconnection.

From June 2007 to present, DL Holdings and Duquesne Light have provided financial information including quarterly unaudited financial statements, audited annual financial statements, and investor presentations to accredited or institutional investors and creditors via a secure online repository hosted by an independent third-party.

However, Duquesne Light, the regulated utility subsidiary of DL Holdings, provides financial information to several public sources for regulatory and continuing disclosure purposes, including the following:

- Electronic Municipal Market Access (Required continuing disclosure for tax-exempt debt, including filing of Annual Report and Quarterly Financial Information)
- Pennsylvania Public Utility Commission (PA PUC Annual Report)
- Federal Energy Regulatory Commission (FERC Form No. 1 Annual Report and Form No. 3 Quarterly Reports)

FERC Form No. 1 Filings:

2017

2016

2015

2014

2013

Duquesne Light Credit Ratings: A3/BBB (Moody's/Standard & Poor)

7. Commitment by the entity to execute the Consolidated Transmission Owners Agreement, if the entity becomes a Designated Entity.

Duquesne Light is a signatory of the Consolidated Transmission Owners Agreement.

8. Evidence demonstrating the ability of the entity to address and timely remedy failure of facilities.

Duquesne Light staffs a "24/7" operations center with NERC and PJM certified transmission operators to communicate with PJM, monitor the system, switch facilities in and out of service as required or directed, address any pre- and post-contingency mitigation measures, and perform system restoration efforts.

In addition, Duquesne Light has an extensive storm response plan inclusive of a system restoration plan in the event of a blackout. Duquesne Light's storm response plan outlines the use of its on-call crews and troubleshooters, as well as outside resources to assist when additional resources are required. Furthermore, Duquesne Light has a fully redundant alternate operations center.

Duquesne Light has a skilled labor force including, but not limited to, qualified line workers, troubleshooters, relay technicians, senior operators, substation maintenance workers, riggers, telecommunications workers, underground cable splicers, cable testers, etc. These individuals are experienced, available, and trained to respond to emergencies of varying degrees. Additionally, Duquesne Light employs on a regular and ongoing basis a significant number of qualified construction and line clearance contract companies that, while conducting scheduled vegetation management work or construction and maintenance work, are fully prepared to respond immediately to small, medium, and large scale emergencies on the system. As a result, Duquesne Light has immediate access to such services as traditional line construction contractors, helicopter inspection and damage survey, energized bare hand/hot stick services, specialty heavy construction equipment vendors, rigging/hauling contractors, and cable and termination services.

Participation in storm and restoration drills is an important component to operating and maintaining a transmission system. Duquesne Light participates in simulations and drills including internal drills, PJM simulated drills, and national drills such as GridEx and EarthEx, as well as post-event reviews to adopt lessons learned.

Moreover, Duquesne Light maintains spare equipment, a spare tower kit, and mobile distribution substation transformers to assist in timely restoration following a failure of facilities event.

Duquesne Light is an active member in the PA Region 13 Counter Terrorism Task Force, a group established in 1998 by an intergovernmental agreement between the thirteen (13) counties of Southwestern Pennsylvania and the City of Pittsburgh. Today the Task Force is recognized nationally for its ability to leverage the significant capabilities across all of Region 13 in the execution of its mission to respond to weapons of mass destruction, chemical emergencies and other man-made and natural disasters.

Duquesne Light is also an active member of two Regional Mutual Assistance Groups (“RMAG”): the North Atlantic Mutual Assistance Group (“NAMAG”) and the Great Lakes Mutual Assistance Group (“GLMA”). These Mutual Assistance Groups provide a forum to ensure safe, effective and coordinated mutual assistance and regional response and service restoration for customers of member utilities.

Duquesne Light maintains an active membership in the EEI Spare Transformer Equipment Program (“STEP”). STEP is a program dedicated to transformer sharing between group members in the event of deliberate, documented terrorism, as defined in the Homeland Security Act of 2002. There are two threshold events that can trigger the program: (1) destruction or long term disabling of one or more electric transmission substations, and (2) declaration of a state of emergency by the President of the United States pursuant to the National Emergencies Act.

Duquesne Light also signed the sharing agreement to join the Regional Equipment Sharing for Transmission Outage Restoration (“RESTORE”) initiative. RESTORE is a voluntary program dedicated to sharing spare transformers and other transmission equipment between participants in the event of a disaster resulting in major damage to the transmission grid as determined by the Technical and Operating Committees within the program.

Additionally, Edison Electric Institute (“EEI”) honored Duquesne Light with the association’s 2012 Emergency Assistance Award for its efforts to help other electric utilities restore power following Super Storm Sandy. The electric power industry’s Emergency Assistance Award has been presented to EEI member electric utility companies each year since 1998. The award recognizes extraordinary efforts undertaken in restoring electric service to other utility companies that have been disrupted by severe weather conditions or other natural events. Duquesne Light, which sent more than 100 employees to the East Coast following the storm, was chosen by following EEI’s international nomination process, and the award was presented during EEI’s Winter CEO meeting. Duquesne Light also received an EEI Emergency Response Award in January of 2018 for its restoration efforts following Hurricane Irma. Since the 2017 filing, Duquesne Light has supported several restoration efforts including the March 2018 nor’easters.

9. Description of the experience of the entity in acquiring rights-of-way.

Duquesne Light has extensive experience in acquiring rights-of-way. Duquesne Light currently owns and maintains rights-of-way for over 620 circuit-miles of overhead transmission.

Duquesne Light has submitted and obtained state public utility commission approval for new transmission line construction and modifications to existing rights-of-way. Furthermore, Duquesne Light has sought and obtained permits for river crossings, railroad crossings, and underground construction and follows the policies and procedures of the Pennsylvania Public Utility Commission for right-of-way acquisition, real estate practices, notice requirements, and siting approvals.