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Rochester Gas and Electric Corporation

**Rochester Area Reliability Project
Case 11-T-0534**

**Exhibit RGE 1
Witness Qualifications**

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1 **Introduction**

2 By their “Ruling Requiring Submission of Further Studies,” issued April 24, 2015,
 3 Administrative Law Judges Elizabeth Liebschutz and Michelle Phillips directed Rochester Gas
 4 and Electric Corporation (RG&E) to file further studies of Site 20, a potential location for a new
 5 substation, Station 255, to be constructed as part of the Rochester Area Reliability Project
 6 (RARP). These studies, together the *Station 255 Site 20 Engineering and Impact Analysis*
 7 *ReportAdditional Studies Report* (Site 20 Report), will be sponsored by panels of witnesses from
 8 RG&E and from the consultants that worked on the preparation of the studies, LaBella
 9 Associates, DPC (LaBella) and that part of AECOM that was previously URS Corporation
 10 (AECOM). Below is a table of the witness panels that will sponsor Site 20 Report. The table
 11 lists the members of the panels by category of testimony. Each witness’s qualifications list the
 12 parts of the Site 20 Report and its appendices that the witness will sponsor.

Topic	Witness Panel
Environmental	Carol Howland, PE William Trembath August Ruggiero (bats only) William Wyatt (archaeological only)
Civil/Site Engineering	Sean Murphy, PE Michael Schaffron, PE James Baker, PE (geotechnical only) Michael VanArsdale, PE (hydrology only)
Cost	Sean Murphy, PE Robert Steehler, PE
Local Ordinances	Carol Howland, PE Sean Murphy, PE
Conclusion (RG&E’s Position)	Sean Murphy, PE Carol Howland, PE

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Qualifications of Witness James Marshall Baker, P.E.

Name, title, employer and business address

James Marshall Baker, P.E.; President and Geotechnical Engineer, Foundation Design, P.C..
Business address - 335 Colfax Street in Rochester, New York 14606

Education and professional background

BS degree in Civil Engineering from Rensselaer Polytechnic Institute (RPI); MS degree in Civil Engineering from SUNY Buffalo. MS degree is general in nature, but coursework focused on Geotechnical Engineering. Doing geotechnical engineering consulting work at Foundation Design, P.C. since 1994.

Role in the Rochester Area Reliability Project

Principal in Charge for Foundation Design, P.C. for the project. Coordinated the field exploration and lab testing, witnessed some test borings, and worked on the analysis and report. Stamped the design report.

Parts of the Site 20 Report supported

Appendix B – Geotechnical Report

1 **QUALIFICATIONS OF WITNESS CAROL A. HOWLAND, PE, CPESC**

2 **Name, title and business address**

3 Carol Ann Howland, Manager – Environmental Compliance for New York State Electric
4 & Gas Corporation (NYSEG) and Rochester Gas & Electric Corporation (RG&E).

5 Business address - 18 Link Drive, P.O. Box 5224, Binghamton, NY 13902-5224.

6 **Education and professional background**

7 Associates of Science degree in Chemistry from Broome Community College; Bachelor
8 of Science degree in Chemistry from Binghamton University. Certified Professional in
9 Erosion and Sediment Control (CPESC), and a licensed Professional Engineer (PE) in the
10 State of New York. More than 29 years of professional experience in environmental and
11 licensing for utility projects. Work includes overseeing environmental analysis and
12 permitting for coal generation facilities, hydroelectric projects, electric transmission lines,
13 gas pipelines, and substation projects. Also served as the environmental monitor and
14 stormwater inspector for utility construction projects.

15

16 **Testimony in previous New York State Public Service Commission (NYS PSC)**
17 **proceedings**

18 Provided testimony in this proceeding and also have provided testimony in PSC Cases
19 12-T-0248 and 13-T-0235.

20

21 **Role in the RARP**

22 Participated in the original routing of the transmission lines, the siting of Station 255, the
23 development of the Joint Proposal and the writing of the NYSEG/RG&E Environmental
24 Management and Construction Plan (EM&CP) - Best Management Plans. Provided

1 testimony in the original proceeding on the RARP before Administrative Law Judge
2 Stein, and testimony related to the “Report on Alternatives Analysis for Substation 255
3 and Associated Transmission Lines” before Administrative Law Judges Liebschutz and
4 Phillips. Since the issuance of the Certificate of Environmental Compatibility and Public
5 Need (“Certificate”) on April 23, 2013, have advised RG&E’s consultants on the terms of
6 the Certificate, development of the EM&CP, the re-evaluation of alternative sites for
7 Station 255, and the undertaking of the additional studies for Site 20. Also participated in
8 the mediation session before Administrative Law Judge Van Ort.

9
10 **Parts of the Site 20 Report sponsored**

11 **Parts of the Site 20 Report related to the environmental studies and impacts, Report**
12 **Section VII - Conclusion, Appendix A – Town of Henrietta Local Law Assessment,**
13 **Appendix C – Biological Assessment Report, Appendix G – Invasive Species Report, and**
14 **Appendix I – Wetland Mitigation Feasibility Study**

1 **QUALIFICATIONS OF WITNESS SEAN P. MURPHY, PE, CCM**

2 **Name, employer and business address**

3 Sean Patrick Murphy, Manager – Electric Capital Delivery for New York State Electric
4 & Gas Corporation and RG&E. Business address - 1300 Scottsville Road, Rochester,
5 NY 14624-5128.

6
7 **Education and professional background**

8 Associates of Applied Science degree in Construction Technology from SUNY College
9 at Canton; Bachelor of Technology degree in Civil Engineering Technology from
10 Rochester Institute of Technology; Master of Engineering degree in Civil Engineering
11 from SUNY at Buffalo. Licensed Professional Engineer in the State of New York and
12 seven (7) other jurisdictions, and a Certified Construction Manager. More than 34 years
13 of professional experience in capital project delivery, construction, and operations and
14 maintenance of public and private utility projects in Western New York. Projects have
15 included planning, detailed engineering design, regulatory and environmental permitting,
16 easement acquisition, and construction management of fixed plant and substations and
17 cross-county utilities and transmission lines with program construction values in excess
18 of \$1.0B (2014 dollars).

19
20 **Testimony in previous NYS PSC proceedings**

21 Previously provided testimony in this proceeding.

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Role in the RARP

Regulatory Manager responsible for the transition from the design phase to the construction phase, including regulatory, permitting, and real estate issues. RG&E's manager for the preparation of the Site 20 Report.

Sections of the Site 20 Report sponsored

Actively participated in the preparation of the entire report and co-sponsor the following:

- Appendices A – Town of Henrietta Local Law Assessment and H – Opinions of Probable Project Costs and any part of the Site 20 Report that relates to those appendices, to Civil and Site Engineering generally including the Site 20 Report Sections on alternative locations and configurations for Station 255, and the Conclusion of the Report.

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QUALIFICATIONS OF WITNESS AUGUSTINE RUGGIERO II

Name, title and business address

Augustine Ruggiero II, Lead Ecologist –AECOM Business address – 1375 Euclid Avenue, Suite 600, Cleveland, Ohio, 44115.

Education and professional background

Bachelor’s of Science degree in Zoology, Kent State University, Kent, Ohio. Over 14 years of professional experience in conducting wetland delineations, state and federal wetland permitting, wetland mitigation design and monitoring, and ecological and threatened and endangered species surveys. United States Fish and Wildlife Service recovery permit in the Midwest for the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (*Myotis septentrionalis*). Served as project lead for a variety of ecological projects for the public and private sector throughout Ohio and selected locations in eastern and western New York State, including natural gas pipelines, electrical transmission lines, transportation projects, and land development projects.

Role in the RARP

For the Rochester Areas Reliability Project (RARP), was responsible for overseeing the habitat assessment that was conducted at the subject properties as it relates to the Indiana bat and northern long-eared bat.

Sections of the Site 20 Report sponsored

- Appendix F - Bat Habitat Assessment, and any part of the Site 20 Report that relates to that appendix

1 **Qualifications of Witness Michael Steven Schaffron Jr., P.E.**

2 **Name, title and business address**

3 Michael Steven Schaffron Jr.; a Project Manager in the Civil Division of LaBella Associates,
4 DPC, responsible for managing and designing projects dealing with utilities, site development,
5 permitting in the public sector (municipal and public utilities). Business address - 300 State
6 Street, Suite #201, Rochester, NY 14614.

7 **Education and professional background**

8 Bachelor of Engineering degree from Clarkson College of Technology (now 13 Clarkson
9 University) in Potsdam, New York, May 1976. Professional engineer licensed in the states of
10 New York (initially in 1984) and Pennsylvania (initially is 1992). Employed as a geotechnical
11 engineer by Law Engineering and Testing Company (Houston, Texas) for two years. Civil
12 engineer with Steve M. Saiki Engineers, 18 Pittsford, New York for approximately 5 years.
13 Employed as a civil engineer for the past 30 years with LaBella Associates, DPC as a design
14 engineer, project engineer and project manager.

15 **Role in the Rochester Area Reliability Project**

16 Worked with LaBella staff responsible evaluating site development in the multiple substation
17 orientations and configurations on Site 20 and the identification of impacts which culminated in
18 the preparation of the Site 20 Report.

19 Parts of the Site 20 Report sponsored

20 Civil/Site Engineering in the main body of the report, Visual Impact Models, and Appendix B -
21 Geotechnical Report

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QUALIFICATIONS OF WITNESS ROBERT J. STEEHLER, PE

Name, employer and business address

Robert J. Steehler; employed as a Civil Engineer Project Manager responsible for managing projects from start to finish including client interaction, presentations at town meetings, coordinating design team meetings, creating design reports, supervising engineers and AutoCAD technicians, processing plans through reviewing agencies, and managing projects throughout construction, by the Labella Associates, DPC. Business address - 300 State Street, Suite #201, Rochester, NY 14614.

Education and professional background

Bachelor of Science from the State University of New York at Buffalo in 16 May of 2004; 11 years of experience as a Civil Engineer, including the last 12 months with LaBella Associates. Areas of expertise include, but are not limited to, stormwater management design, erosion control, site layout, storm sewer design and analysis, cost estimating, and grading and earthwork calculations.

Parts of the Site 20 Report sponsored

Appendix H – Opinion of Probable Costs; direct support of Civil/Site Engineering and Site Cost Estimating

1 **QUALIFICATIONS OF WITNESS WILLIAM A. TREMBATH**

2 **Name, employer and business address**

3 William A. Trembath. Senior Biologist and Senior Project Manager in the Infrastructure
4 and Environmental Division of AECOM, which purchased URS Corporation. Business
5 address - 77 Goodell Street, Buffalo, New York 14203.

6
7 **Education and professional background**

8 Bachelor's of Science degree in Biology from the State University of New York College
9 at Fredonia. Over 26 years of professional experience in conducting environmental
10 impact analysis, State Environmental Quality Review Act /National Environmental
11 Policy Act compliance, ecological and threatened and endangered species surveys,
12 wetland delineations, state and federal wetland permitting, wetland mitigation design and
13 monitoring, and environmental due diligence. Served as project manager for
14 environmental and licensing for a variety of utility projects throughout New York State
15 including natural gas pipelines, electric transmission lines, wind energy projects, and
16 electrical substation projects.

17
18 **Testimony in previous NYS PSC proceedings**

19 Provided prior testimony in this proceeding.

20 **Role in the RARP**

21 Responsible for the overseeing the preparation of the environmental portions of the Site
22 20 Report. Also oversaw the preparation of the Environmental Management &

1 Construction Plan, associated environmental permits and the development of the
2 alternative Station 255 site analyses.

3

4 **Parts of the Site 20 Report sponsored**

- 5 • Appendices C – Biological Assessment Report, G – Invasive Species Report, and
6 I – Wetland Mitigation Feasibility Study, and any part of the Site 20 Report that
7 relates to those appendices.

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QUALIFICATIONS OF WITNESS MICHAEL D. VAN ARSDALE, PE

Name, employer and business address

Michael D. Van Arsdale; Civil Engineer with Labella Associates, DPC.

Business address - 300 State Street, Suite #201, Rochester, NY 14614.

Education and professional background

Bachelor’s Degree in Civil Engineering from the University of Hartford;. Almost 15 years of Civil / Site Development experience; received New York State registration as a Professional Engineer in December 2013.

Role in the Rochester Area Reliability Project

Supported Mr. Schaffron and Mr. Steehler in preparation of the Report. For the Site 20 Report, worked on Site layout, including access road, preliminary pole locations, and locating of substation footprint on the site; preliminary grading and stormwater treatment facility sizing to determine limits of disturbance for each of the alternatives

Parts of the Site 20 Additional Studies Report sponsored

Parts on Civil and Site Engineering and Stormwater Hydrology (Appendix D)

QUALIFICATIONS OF WITNESS WILLIAM A. WYATT

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Name, employer and business address

William A. Wyatt. Employed by AECOM, which purchased URS Corporation under whose auspices this work was completed, as a Senior Archaeologist in the Infrastructure and Environmental Division. My business address is 4507 North Front Street, Harrisburg, Pennsylvania 17110.

Education and professional background

Bachelor's of Arts degree in Anthropology from the State University of New York at Albany; Master of Arts in Anthropology from Temple University. Over 26 years of professional experience in conducting archaeological surveys and excavations and National Historic Preservation Act compliance. Served as Senior Archaeologist for a variety of utility projects throughout New York State and for a number of highway and utility projects in Pennsylvania.

Role in the Rochester Area Reliability Project

Responsible for the managing and reporting the results of archaeological surveys of transmission lines, wetland mitigation areas, and alternative Station 255 locations.

Portion of the Site 20 Additional Studies Report sponsored

- Appendix E - Archaeological Studies, and any part of the Site 20 Report that deals with that appendix