

LINUS C. SMITH, PE, PLS

Senior Engineer I

PROFILE

Civil/Structural Engineer with 37 years experience working for electric utilities in the electrical generation, and transmission & distribution areas, Designs and manages various structural design projects for Cambria Consultants. Responsibilities include industrial/commercial buildings and site development, process facilities, environmental and structural design, coal handling facilities, environmental permitting, and engineering studies.

EDUCATION

Bachelor of Science Degree – Civil Engineering, Pennsylvania State University, 1974

REGISTRATIONS/CERTIFICATIONS/TRAININGS/AFFILIATIONS

Professional Engineer No. PE027546-E, Pennsylvania, 1978
Professional Land Surveyor No. 001084A, Pennsylvania, 1981

MEMBER

American Institute of Steel Construction
National Society of Professional Engineers

PUBLICATIONS

Co-Author, “Long Term Performance of Asphalt Lined Upper Reservoir Seneca Pumped Storage Station”

PROFESSIONAL EXPERIENCE

Sr. Engineer (2008-Present)

Cambria Consultants, Inc., Johnstown PA 15904

- Senior Engineer of numerous electric generation structural projects
- Project Engineer for small commercial construction project

Advanced Engineer (January 2002-retirement, March 2008)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for managing the agreements between First Energy and the 13 Rural Electric Co-op's, along with their representatives in Harrisburg
- Responsible for Osmose Pole inspections and maintenance for all of Penelec
- Responsible for transmission emergency maintenance for all of Penelec

Acting Director – Operations (May 2001-December 2001)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for setting the strategic direction for all of Penelec's system operations and line operations

- Responsible for overseeing the design, construction, operations, and maintenance for Penelec's transmission and distribution system
- Responsible for resource management, outage management, and performance improvement for Penelec's transmission and distribution system
- Responsible for managing the line operations portion of the labor/management relationship of both IBEW local 459 & UWUA local 180

Manager - Project Management (January 2001-May 2001)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for managing all line construction and maintenance activities that were performed by contractors for all of Penelec
- Responsible for managing a 10-man mobile line crew in the UWUA local 180 territory
- Responsible for construction and maintenance projects that involved moving line crews between districts using the remote-report language of the labor contract for all of Penelec
- Responsible for managing large line construction projects for all of Penelec

Manager - Operations, Maintenance & Restoration (April 1998-December 2000)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for all line & substation preventive maintenance and corrective maintenance activities
- Responsible for field operations activities required to assure system reliability of distribution lines, transmission lines, and substations
- Responsible for all customer outage restoration activities
- Responsible for all program-inspection activities of lines, substations, breakers, and sectionalizing devices

Manager - Operations - Highlands Region (September 1996-March 1998)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for coordinating all customer outage restoration activities
- Responsible for managing a 10-man mobile line crew in the UWUA local 180 territory
- Responsible for construction and maintenance projects that involved moving line crews between districts using the remote-report language of the labor contract
- Responsible for managing all forestry related activities for right-of-way clearing and maintenance

Manager - Regional Customer Service - Laurel Region (February 1995-August 1996)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for all line construction and maintenance activities for both transmission and distribution
- Responsible for operating the Penelec system wide 24 hour call center
- Responsible for all business office activities
- Responsible for managing all meter-reading field activities
- Responsible for managing all forestry related activities for right-of-way clearing and maintenance

Division Line Superintendent - Laurel Region (April 1991-January 1995)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for all line construction and maintenance activities
- Responsible for all customer outage restoration activities
- Responsible for budget preparation and conformance for the line department

Engineer I, II, III, and Sr. I - Generation (June 1974-March 1991)

GPU (formerly Penelec,) Johnstown, PA

- Responsible for the design of many varied Civil Engineering projects at all of the Penelec generating stations
- Responsible for site-preparation design and construction of lined ash-site disposal facilities at several generating stations
- Responsible for FERC related safety inspections of the licensed hydro stations at Deep Creek, Piney, and Seneca Stations

PARTIAL PROJECT EXPERIENCE

Penelec

- Managed a wood pole inspection program
- Managed transmission maintenance
- Managed a \$4,000,000 per year improvement program for the reliability of service to Rural Electric Coops served by Penelec

Cambria Consultants, Inc.

Designed a variety of structural additions to power plants for RRI Energy/Genon

Designed temporary structural supports for Penthouse Steel replacements at Keystone & Conemaugh stations

Assisted in structural inspections of the coal handling facilities of Avon Lake, Portland, & Shawville stations

Provided structural inspections and repair recommendations for Rail Car Dumpers at Conemaugh & Keystone stations