



SEBESTA  
BLOMBERG

PROVIDING SUSTAINABLE TECHNICAL  
AND BUSINESS SOLUTIONS

## CENTRAL PLANT

Creating customized solutions to provide an efficient utility infrastructure that exceeds clients' expectations

### CUSTOM SOLUTIONS THAT FIT OUR CLIENTS' NEEDS

Sebesta Blomberg provides solutions that impact all aspects of plant operations. Our extensive design knowledge and seasoned professionals allow us to provide a level of service that makes the difference between an adequate project and an exceptional project. We understand that the economic and operational realities of our clients' projects include efficiency, maintainability, future plans for expansion and flexibility in operations. Our goal is to help clients integrate their systems, reduce costs and improve operations' whether we're developing a comprehensive plan for installing and running a multi-million dollar utility infrastructure, or troubleshooting a single piece of equipment. Our experience goes beyond design and engineering and includes start-up and commissioning expertise that is second to none. We'll get your system up and running smoothly, regardless of system type or project scope. ●

### AN INTEGRATED APPROACH

Sebesta Blomberg provides an integrated approach that includes involvement from the utility planning stages through construction and startup of a central plant facility. By working closely with the owners, facility management and administrative resources, we gain a clear understanding of an organization's goals and mission. We will then work with the owner to determine the best solution for the long term needs of the organization. We provide a full array of services including financial evaluation, environmental permitting, procurement, design, construction administration, startup and commissioning services. Our ability to assess opportunities, develop project consensus and model future operations enables us to help clients achieve their goals. ●

### AREAS OF EXPERTISE

- **Boiler Systems:** Evaluation and design of boiler systems, boilers, plant auxiliaries, steam and hot water distribution systems and controls.
- **Power Generation:** Engine generators, combustion turbines, steam turbines.
- **Chilled Water Systems:** Evaluation and design of chilled water systems including chillers, cooling towers, distribution systems and controls.
- **Utility Assessments:** Capacity, reliability, performance, benchmarking, feasibility studies, life-cycle cost analyses and facility audits.
- **Asset Management/Cost Estimation:** Evaluate equipment condition and future potential costs to operate and maintain the system; identify upgrade strategies to meet long-term facility plans.
- **Hydraulic Modeling:** Analysis of piping distribution systems.
- **Compressed Air Systems:** Evaluation and design of compressed air systems including compressors, dryers, filters, distribution systems and controls.
- **Operations:** Commissioning, training, control systems, operations management.
- **Environmental Services:** Manage risks and making opportunities from environmental requirements.
- **Renewable Energy:** Identify and evaluate alternative fuel sources.

SEBESTA.COM  
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