

2027 Webinar Series

Power Supply Choice and Customization



This course provides an overview of power supplier selection and power supply planning in the utility industry. Participants will learn key considerations for evaluating suppliers, negotiating agreements, and developing reliable, cost-effective power supply strategies. Topics include load requirements, generation resources, portfolio development, market and regulatory influences, and other factors that shape long-term power supply decisions. The course is designed for professionals involved in strategic planning rather than technical modeling.

This series is ideal for new hires in power industry strategy, generation, power supply, procurement, or power markets roles; individuals who are newly expected to make decisions related to power supply strategy; and professionals outside of utilities who want to better understand the perspectives of planners and decision makers responsible for power supply planning and changes.

All webinars will begin at 10:00 a.m. Central Time and will consist of 90 minutes of instruction, questions, & discussion.

Setting the Table: Wholesale Power 101

February 2

Attendees will learn industry basics, such as the division between generation, transmission, and distribution, and the difference between thinking and operations of wholesale and retail operations. They will also learn basic terms of energy markets, grid operations, utility types, and basic utility regulatory and operational constructs.

Power Supplier Choice for Utilities

March 2

Attendees will learn the key concepts and considerations involved in evaluating power supply options, including supplier selection, formula rates, and cost stability. Scheduling and market integration will be discussed to help learners understand available options at critical decision points. Attendees will also gain insight into enabling, onboarding, and credit considerations.

How Load Shapes Needs

April 13

Attendees will learn about the fundamental reality of power supply – that needs must be constantly met for every hour of every year. Seasonal patterns of demand will be discussed, and constructs such as the “Load Duration Curve” will be explored to introduce defined types of needs.

Resource Basics

May 4

Attendees will learn about the major types of electric generation resources such as fossil, nuclear, and renewable/BESS. Key planning concepts such as base load, intermediate, peaking, capacity, and RECs will be introduced. Attendees will learn basics of customization such as carve outs and will gain an understanding of the time-requirements for effective plan decision-making.

Customization & Diversification

June 29

Attendees will learn how utility power supply planners develop portfolios of resources and approach challenges that impact decisions. Modeling and data concepts will be discussed.

Customized Power Supply Plan Exercise

July 20

Attendees will learn how to apply key power supply planning concepts by developing and evaluating a power supply plan within a realistic case study. Attendees will also gain an understanding of how emphasizing different planning objectives impact important outcomes, including rate stability.

Procurement

August 17

Attendees will learn how to use power supply planning concepts discussed in this series to implement solutions to real-world needs. The differences between physical and market assets will be discussed, and purchased power agreements (PPAs) versus ownership models will be evaluated. Attendees will be introduced to the basics of power supply negotiations, a variety of other power supply contract structures, and to hedging strategies designed to bring cost stability into utility ratemaking.

About the Instructor

Kyle Haemig, Senior Project Manager



Kyle has focused his career upon giving public power clients the best in long-term power supply. His focus on the strategic and market picture is founded upon a background in energy economics, power supply planning, resource adequacy, regulatory and stakeholder experience, and power procurement for both physical and market products. Kyle has 20 years of experience in the power industry and 7 in consulting, with most of that time spent serving the power needs of municipal utilities. He holds an M.S. in Economics from the University of Wisconsin-Madison, a B.A. in Mathematics from St. Olaf College, and attended the London School of Economics.

About GDS Associates

GDS is a multi-service engineering and management consulting firm. Since its formation in 1986, GDS has helped clients succeed by anticipating and understanding their needs and efficiently delivering quality service with confidence and integrity. GDS provides engineering and consulting services to clients around the country, covering a broad range of services in the areas of strategic planning, power supply planning, transmission access and deliverability, contract negotiations, risk management services, regulatory/legislative industry issues, wholesale and retail rates, generation development and monitoring, demand-side management, and others.



POWER SUPPLY CHOICE & CUSTOMIZATION

Registration Form

Webinar Dates and Subjects	Check desired webinars		
February 2 – Setting the Table: Wholesale Power 101	☐	☐	☐
March 2 – Power Supplier Choice for Utilities	☐	☐	☐
April 13 – How Load Shapes Needs	☐	☐	☐
May 4 – Resource Basics	☐	☐	☐
June 29 – Customization & Diversification	☐	☐	☐
July 20 – Customized Power Supply Plan Exercise	☐	☐	☐
August 17 – Procurement	☐	☐	☐

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Questions? Email Kyle Haemig at kyle.haemig@gdsassociates.com

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