



Rockwood Energy Search LLC

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Send resume to resumes@rockwoodsearch.com citing the job number.

Power Portfolio Analyst

Recruiting Summary-Job 1692ws

Client Background:

The client is one of the US's largest physical electricity traders and provides risk management services to both internal and external clients.

It is located in the midwest.

As a result of a diverse set of clients, the firm deals with a very wide list of power and fuel portfolios. This results in a very rich mix of analytical and hedging problems, both short-term and long-term.

Position: Power Portfolio Analyst (Could be classified as Senior Analyst)

The position is part of the firm's front-office structuring and portfolio analysis group, and reports to the manager of this group.

This is an excellent opportunity because of the growth of the firm as well as the diversity and complexity of the problems to be solved. The position is open because of an internal promotion.

General Duties:

This position will be responsible for the development, maintenance, and enhancement of models that simulate a portfolio of physical load, physical generation and market conditions. The analyst will interact with clients to identify portfolio risk exposures and develop hedging strategies that support business objectives.

There is no programming involved. Client uses a popular optimization-based modeling system that has stochastic capability to enable a thorough analysis.

Responsibilities

Candidate will be responsible for quantitative analysis for specific clients who are physical load serving entities dealing with extensive physical, financial, and market risk exposures. He/she will provide assistance and direction in the development of hedging strategies, structured transactions, and long term asset developments.

Assist in the training and development of other structuring/quantitative staff

Background Required

This type of portfolio analysis is not equivalent to a long-term fundamental analysis exercise where someone is seeking to determine the value of a generation unit based on market fundamentals.

This is more about deep diving into the supply stack of multiple generation facilities of different types, understanding how each contributes to serving load, what the economics are of the entire stack, and what risks are embedded in a particular stack.

So, the ideal candidate must have dealt with portfolios of power assets, their behavior and how to compare what the model “says” with the actual world.

Client uses a major optimization-based modeling system. A background in one of the modeling system products in the marketplace is desired.

Candidates might come from either end of a spectrum of skill sets:

1) someone who's quite competent with one of the popular models: PROSIM, UPLAN, GE-MAPS, GenTrader, or AURORA and who has applied these programs to problems requiring an understanding of power generation and power markets to some degree.

2) someone who's very accomplished in power markets----analyzing supply stacks, generation types and dispatch issues, as well as forward power markets over a 1-5 year time horizon, and is familiar---but not yet expert---in using one of the models cited above.

In the client's words “Candidate should possess an advanced degree in an appropriate discipline with some combination of experience in power system operations, wholesale energy transactions, trading and asset structuring, finance or quantitative study.”

Some understanding of financial market products, especially options is also desirable.

A masters degree is desired, but a BS in a technical discipline will be considered.

Candidate would need three or more years in the energy industry in some relevant function.

This is a front-office position, so effective written and oral communication skills are expected.

Executive Search Contact:

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