

CARBON DIFFERENTIATED SOLUTIONS

THE VALUE OF A SUSTAINABLE PORTFOLIO

CUSTOMIZED STRATEGIES FOR EMISSION-FREE ENERGY GOALS

Every day, many organizations face challenges in managing their energy portfolios while striving for sustainability. For those unfamiliar with sustainable energy sources, emission credits, market dynamics, regulations, and potential risks, this may seem daunting. Calpine Energy Solutions understands these challenges. For decades, the company has collaborated with clients to select, manage, and monitor their energy portfolios, helping them meet their energy needs and grow as responsible energy stewards.

Not all energy portfolios are the same; each one is unique. Some clients prioritize economic factors, while others focus on environmental considerations when making energy decisions. In these cases, it's important to explore carbon-differentiated solutions, such as EFECs and other carbon-free emission credits, which represent low-carbon or carbon-free electricity generated from renewable sources.

EMPOWERING A SUSTAINABLE FUTURE

One client in the Northeast, has a long-standing partnership with Calpine Energy Solutions, collaborating on their Sensible Sustainability® business process for years. The most recent ask was to build on their existing carbon reduction roadmap to include solutions for their load in the Northeast, with a focus on local power aligned to their usage.

Thanks to Calpine Energy Solutions' Structuring team, a project was located that aligned with the client's energy goals, and a deal was secured for 100,000 megawatts-hours (MWh) per year. Starting at the end of Q1 2025, the client will receive EFECs over a four-year period. Both the power and carbon-free credits will be sourced from the Seabrook Station Nuclear Power Plant in New Hampshire, which was strategically selected to align with the client's carbon reduction goals, ensuring the electricity is sourced closer to their facilities.

Calpine Energy Solutions stands as a trusted partner in the complex landscape of energy and carbon management. With extensive experience and a commitment to understanding each client's unique needs, services are tailored to ensure optimal energy portfolio performance. Together, challenges of energy management can be navigated, driving innovation and sustainability for a brighter energy future.

DEAL AT A GLANCE

Solution: Emission-Free Energy Certificate (EFEC)

Start: 3/1/2025

Term: 4 Years

Size: 100,000 MW hrs/year

Deal Specifics: Source Specific
Phys Index Power with Firm Annual

Source Specific: [Seabrook Nuke] EFECs