

REVOLUTIONIZING ENERGY: CUTTING EMISSIONS AND IMPROVING PERFORMANCE

ADVANCED TECHNOLOGY FOR COAL POWER PRODUCTION AND INDUSTRIAL USERS

5%+

Fuel Savings

40%+

Less CO2

40%+

Less NOx/SOx

THE CHALLENGE

The future of coal depends upon clean combustion. High-Efficiency, Low-Emissions solutions aren't just a perk--they have become a requirement. Low emissions doesn't have to come at the expense of high-efficiency; HELE is feasible and practical.

THE SOLUTION

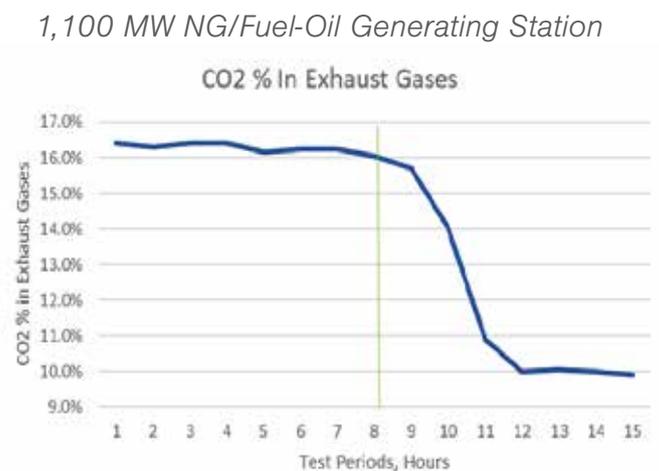
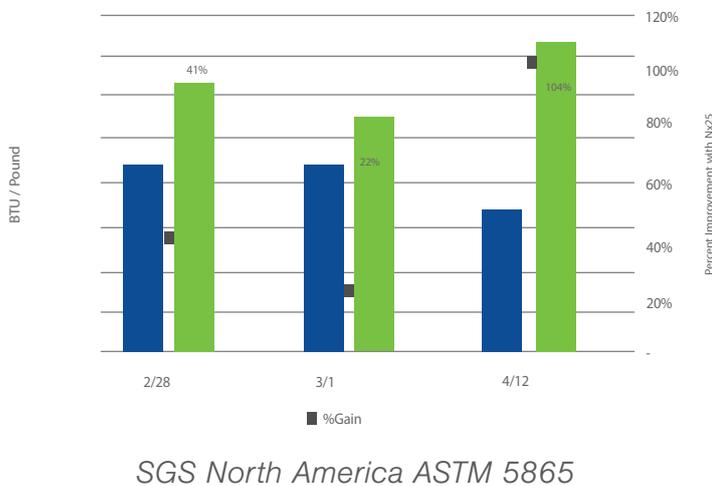
Our patented system reduces emissions by 40%+ **with minimal retrofitting and no downtime**, cutting compliance costs and improving fuel efficiency by 5%+. Nx25 transforms a plant into a HELE facility.

HOW Nx25 WORKS

Users administer Rivotto's Nx25, a non-hazardous liquid, by directly injecting it into the combustion environment, mixing it into the primary fuel, or vaporizing it through the air intake. Once active within the flame in the burning zone, Nx25 reacts to produce a complex of high energy particles which act as a clean supplemental fuel. These particles add energy to the system and have proven to reduce CO2, NOx, and SOx. Nx25 is protected by patents, trade secrets, and copyright.

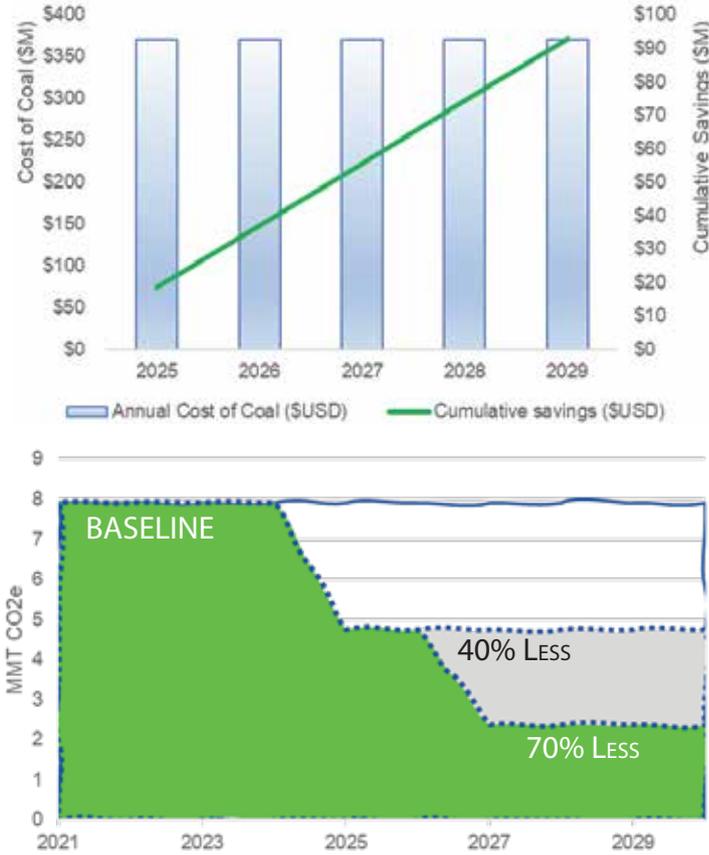
SHOW ME THE DATA!

Lab and field data extensively support Nx25 claims. These figures display outcomes for a bomb calorimetry test (left) and CEMS data from a real-world developmental power plant test (right).



FINANCIAL AND ENVIRONMENTAL RETURNS ON INVESTMENT

Nx25 ran successfully on real-world applications during developmental testing. Annual savings and emissions reductions are estimated based upon the performance of the technology during developmental testing. The estimates below reflect a single, 1,100 MW coal fired power plant using Indo-Pacific import coal.



Nx25 IS THE ANSWER TO AFFORDABLE, RELIABLE, AND CLEAN ENERGY

PLANT RELIABILITY, PLANT AVAILABILITY, AND PLANT LIFE REMAIN UNCHANGED



WHAT NOW?

Join Rivotto for the Industry Advisory Group Pre-Test Webinar on 29 May 2025, 10:30 am CT

[Click Here for link to Join!](#)