

INTEGRATED POWER AND EMISSIONS MONITORING

Real-Time Fuel & Emissions Analytics



THE CHALLENGE

Current fuel consumption and Greenhouse Gas (GHG) emissions tracking practices at the wellsite are inaccurate and do not provide granularity necessary to quantify the emissions of a drilling rig nor does it deliver an accurate baseline to apply or quantify carbon footprint reductions.

THE SOLUTION

Precision's EverGreen™ solution utilizes the latest sensor technology and a local data hub to aggregate data and transmits to the Precision Cloud, enabling real-time monitoring and a digital data set.

Sensors measure fuel consumption at the generator intake and digitally transforms into real-time visualization of GHG emissions.

Leverage Alpha™ technologies to integrate power consumption to assess how engine load, engine configuration and well design affect energy consumption.

Sensors can be added to fuel tanks, boilers and other ancillary equipment for a comprehensive well construction environmental footprint.

BATTERY ENERGY STORAGE SYSTEM

GENERATORS

REAL-TIME DATA VISUALIZATION

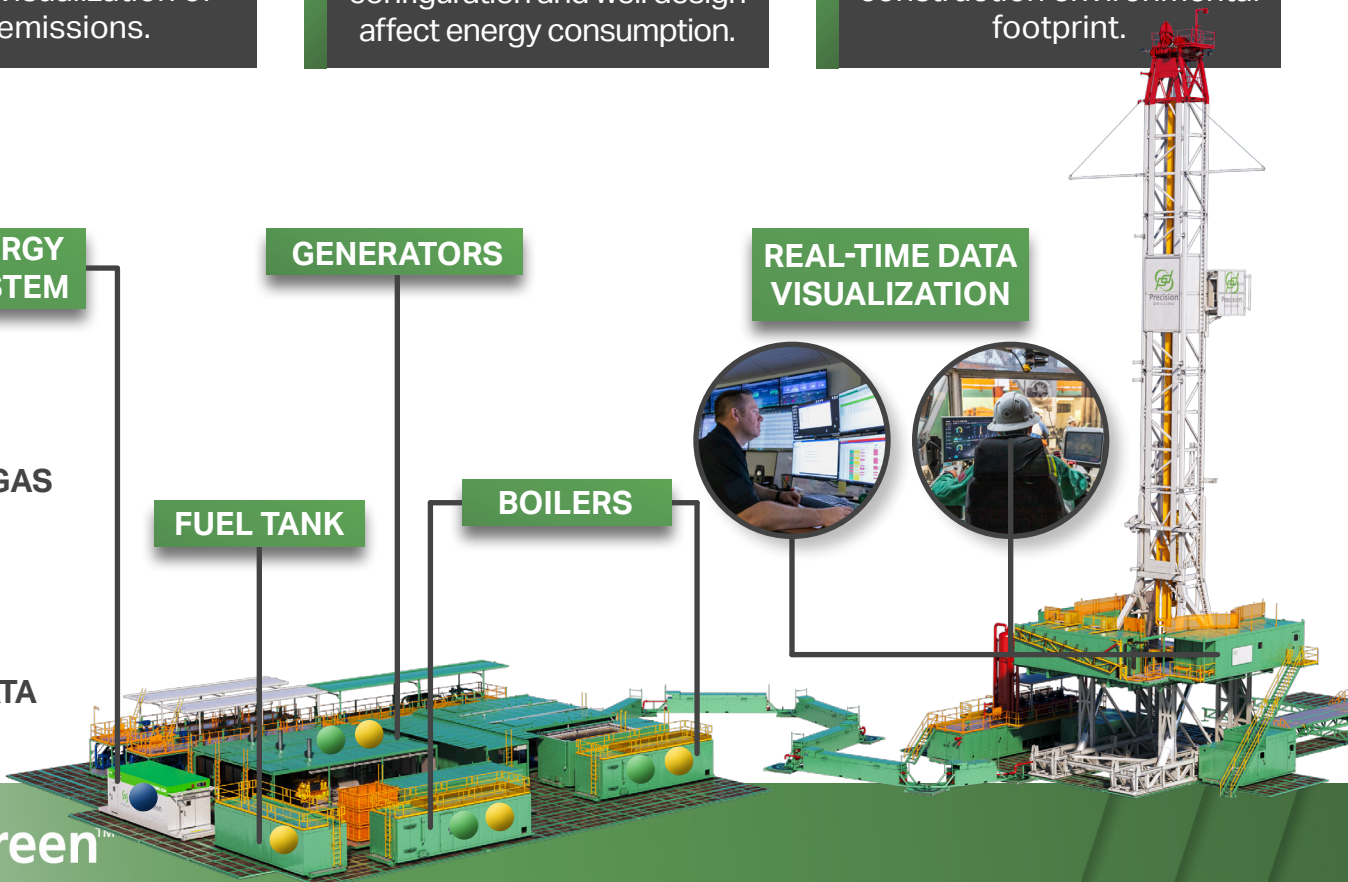
NATURAL GAS SENSORS

DIESEL SENSORS

POWER DATA

FUEL TANK

BOILERS



CUSTOMER BENEFITS



ACCURATE REAL-TIME

Fuel consumption and emissions visualization

FUEL AND EMISSIONS BASELINE

To identify fit-for-purpose EverGreenEnergy™ solutions and enables accurate measurement of continuous improvement

IMPROVED ACCURACY

Emissions forecasting and reporting



Power/Fuel Consumption



Fuel Rate



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