

A photograph of a nuclear power plant at night, with its cooling towers and containment domes illuminated against a dark sky. The plant is situated near a body of water, which reflects the lights. The text 'ECO1ST' is overlaid on the top half of the image, with a globe icon replacing the letter 'O'.

ECO1ST™

TECHNOLOGY GROUP

FUEL ENHANCEMENT

3" – In-Line Processor – Fuel application – stainless steel



Processors are application specific and are manufactured to accommodate any line size without restriction to flow.

The in-line processor serves this application by increasing the Btu or caloric output of fuels while reducing the combustion emissions or byproducts. All fuels liquid, gaseous or solid are typically in a neutral charge state which basically means they have equilibrium between total negative and positive charges.

Our processor removes electrons from these fuels and causes the fuel to become positively charged prior to the addition of air. Fuel requires air for combustion to take place. The air serves to re-supply the required electrons to the fuel since air is electronegative and gives up electrons readily. This electron sharing process causes the air to more uniformly bond to the fuel which results in these process benefits.

Features

- **No outside power source**
- **No chemicals**
- **No operator adjustment necessary**
- **No consumable parts to replace**
- **Modular Design**
- **Applicable in both Indoor or outdoor facility**
- **No dust, odors, noise, or emissions**
- **10 year limited warranty**

Benefits

- **Increased BTU or caloric output of fuels**
- **Increased fuel efficiency**
- **More complete combustion**
- **Reduction of combustion emissions or byproducts**
- **Reduction in fuel costs**

Mission Statement

- *Fairness to our Customers*
- *Enhance our Earth's Resources*
- *Engineered Quality and Performance*
 - *Respect our Employees*
 - *Co-operate with our Vendors*
- *Prosperity to All with harm to No One*

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