



Petronex



The Petronex electrostatic oil filtration machine removes contaminant particulates, varnish, and water in power generation turbines to the molecular level, saving municipal utilities millions in maintenance and turbine oil flushes.

Perpetually refined lubrication for power generation turbines means no downtime for bearing replacement and oil flushes. The Petronex technology produces hydrogen from accumulated soluble or emulsified water. When paired with a hydrogen recapture system, the utility is the beneficiary. Hydrogen is the next generation of fuel for personal transportation. The utility becomes a producer of hydrogen recaptured from water accumulating inside turbine reservoirs.

Every gallon of oil a utility doesn't have to remove from the ground represents an environmental credit that can be traded globally. At present the credit is \$50 a ton, but under the Kyoto Accords that is set to rise.

"This is a triple win for utilities. It's triple green, saves millions of dollars and protects the environment" – PCS Energy

Petronex Technologies – Cutting maintenance cost, Increasing profitability, productivity and operating efficiency, surprisingly affordable

SAVINGS POWERED BY SCIENCE.

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