

# PEEI Looking for Engine Builders

Pittsburgh Electric Engines, Inc. (PEEI), now re-located from Derry to the Mount Pleasant Glass Centre which once housed Lenox, has been developing their Turbo Fuel Cell Engine and currently is searching for a diesel engine manufacturer to build a factory in Western Pennsylvania to produce their innovative fuel-saving engine which promises impressive environmental advantages and significantly cleaner emissions over today's diesel motors.

President Owen S. Taylor of PEEI explains the new power unit is... "the most revolutionary development in power generation since the internal combustion engine." A mechanical engineer with degrees from Penn State and the Univ. of Pittsburgh, Taylor worked for 25 years in Westinghouse's Churchill research and development facilities, leaving to organize PEEI in 1997.



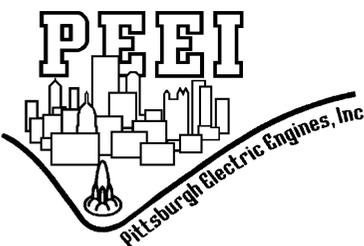
*The PEEI building in the Mount Pleasant Glass Centre complex.*

He predicts if all the heavy duty highway trucks in the USA were switched to using the Turbo Fuel Cell Engine savings would be enormous starting with over 7 billion gallons of fuel per year. The Turbo Fuel Cell

trucks would generate 64 million fewer tons of carbon dioxide and 200,000 less tons of nitrous oxide than trucks having diesel engines. He adds, "Our Turbo Fuel Cell engine can also burn ethanol, methanol, natural gas and other future fuel developments." In addition Taylor pointed out that with fewer moving parts, the Turbo Fuel Cell Engine is quieter and easier to maintain. The PEEI engine efficiently produces an electrochemical reaction that produces electrical power and heat. By efficiently using the exhaust heat to power a turbo-alternator, which acts similar to a turbocharger boosting the electricity generated by the unit, that powers a drive motor to propel the truck. The same technology could be used to power buses, farm machinery, trains, ships and military vehicles. In case of emergency, Turbo Fuel Cell Engines could generate electricity.

The PEEI engine is based on tubular, solid oxide fuel cells. The new engine is comparable in weight and would require about the same amount of space used by a conventional diesel engine. The technology is based on over 30 years of Westinghouse research and development funded by hundreds of millions of taxpayer dollars.

The promise of PEEI is a better-Turbo Engine for a better world.



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