

Clean Power Capital provides additional information about PowerTap's 3rd Generation unit

Clean Power Capital Corp has provided additional information about the technology being developed by PowerTap Hydrogen Fueling Corp. PowerTap's 3rd generation onsite hydrogen production module unit utilises advanced operating software with data analytics to control every aspect of PowerTap's system performance.

PowerTap will send the data it collects via this advanced operating software to the cloud. A data analytics application will deploy advanced algorithms to identify critical point indicators to monitor performance characteristics, including system run, fuel dispensing rate, and storage efficiency. The resultant technology will reduce operating costs, extend the life of the system, and reduce the overall cost of onsite hydrogen production.

Faurecia accelerates its zero-emissions hydrogen strategy in China

Faurecia, France automotive technology company, has acquired a majority of CLD, one of China's largest high-pressure tank manufacturers. The transaction is subject to regulatory approvals in China. Faurecia and CLD will develop and manufacture homologated type III and IV hydrogen storage tanks for the Chinese market. CLS operates two plants in Liaoning with 30,000 tanks/year capacity. The company is providing homologated hydrogen tanks to leading Asian commercial and light vehicle automakers.

Hydrogen's moment has arrived: Electric Power Research Institute (EPRI)

Electric Power Research Institute (EPRI) President and CEO Dr Arshad Mansoor told energy regulators this month that the moment is here for hydrogen to take its place along the path toward economy-wide decarbonisation. In remarks to the National Association of Regulatory Utility Commissioners (NARUC) Winter Policy Summit, Mansoor said, "We've been talking about [hydrogen] for a long time. It's always ten years away. Even 50 years ago, it was ten years away." But now, the media, investors and policymakers are paying more attention to the virtues of hydrogen and its ability to decarbonise the industrial and transportation sectors and "to electrify hard-to-electrify sectors by creating an alternate molecule," Mansoor said.

Hyzon Motors to supply 1500 fuel cells vehicles to New Zealand's Hiringa Energy

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SunHydrogen and Schmid to scale NanoParticle hydrogen panels production

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Taylor-Wharton and Plug Power make a strategic decision

Taylor-Wharton America, a wholly-owned subsidiary of Air Water Inc., a provider of cryogenic gases (including liquid hydrogen (LH2) storage and distribution equipment, and Plug Power, a provider of hydrogen engines and fuelling solutions, announced a strategic alliance to continue to build out the hydrogen fuel cell infrastructure in the material handling industry powered by Plug Power's GenDrive technology. Taylor-Wharton is now providing Plug Power LH2 distribution trailers in addition to increasing production output of LH2 tanks to support Plug Power's growth plans. Air Water has made leasing solutions available to Plug Power for this equipment, both critical components to the hydrogen fuel cell supply chain.

Teco 2030 plans for Norway's first Giga hydrogen fuel cell factory

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tpgroup to supply hydrogen fuel cell system to a rail company

tpgroup, UK consulting, digital solutions and engineering services, has signed a contract with a train leasing company to supply hydrogen fuel cell systems for passenger trains. This contract is part of an initiative that aims to demonstrate hydrogen-powered trains' safe and economic operation for future public transport opportunities. It initially covers the supply of safety-critical hydrogen fuel cell systems that convert hydrogen into electricity to power the trains ultimately.

Sono-Tek witnesses electrolyser coating growing from R&D to a commercial industry

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