



distribute PowerTap's

technology across the USA

PowerTap History

Renault and others

1999 2001 2014 August 2020 **Late 2020 June 2021** \$19.9M DOE Funding Development of PowerTap Hydrogen **Developing Generation** Clean Power Nacco Materials acquired PowerTap for Fully Optimized Commercial Multifuel 3 PowerTap Facilities Capital Corp **Handling Group** IP, technology and (1,250 kg/day capacity) **Fuel Processing** Fuel Processors / renamed as ("NMHG") acquired - 25x capacity, full Subsystem (Arthur D. trademark -Stacks for Micropower PowerTap Nuvera from Hess modular unit, carbon Generation 2 facility Little) and Mobile Hydrogen capture and (50 kg/day capacity) **Applications Capital Corp** sequestration January 2021 January 2022 2000 2008 October 2020 2016 Andretti Group to Arthur Little launches Hess buys out PowerTap became Formed partnership NMHG renames itself deploy a minimum of with the Andretti Nuvera project and Renault and De Nora subsidiary of Clean as Hyster-Yale Group 10 stations and a Group to deploy 10 gets funding in early Power Capital Corp. partnership to stations in California years from DOE,



PowerTap Hydrogen Fueling Corp.

Wholly owned subsidiary of Powertap Hydrogen Capital Corp.

NEO: MOVE

OTC: MOTNF

FRA: 2K6

Diverse Investments in clean energy

Previously "Clean Capital Corp"

Formed in 2020

 Powertap Hydrogen <u>Fueling</u> Corp. – on-site H₂ production with the most cost-effective solution/technology



PowerTap/Andretti Partnership



Delvin DeFrancesco's "Road to Indy" partner PowerTap Hydrogen graduates with him to IndyCar



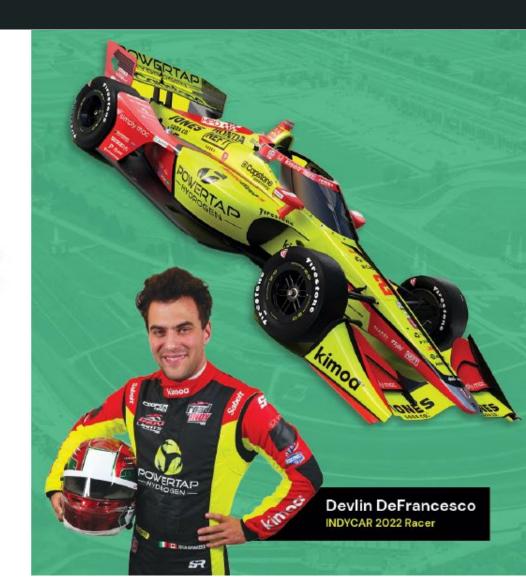
PowerTap Hydrogen no.29 Indy car will be used in 2022 races in the IndyCar series



The IndyCar series broke an NBC Sports total audience delivery record with 18 million viewers in 2021 making it the most watched IndyCar series since 2016

"To see the car for real and have my name on it is a fantastic feeling. I'm incredibly grateful for the continued support of PowerTap Hydrogen, who has been with me on the Road to Indy."

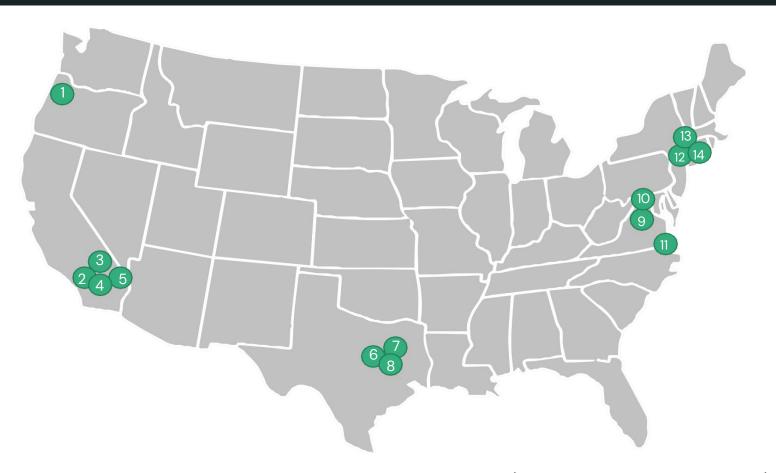
- Delvin DeFrancesco





Existing PowerTap Gen2 Stations

- 1 4000 NE Blue Lake Rd., Fairview, OR
- 2 10400 Aviation Blvd., Los Angeles, CA
- 3 18301 Von Karman Ave., Irvine, CA 15750
- 4 Meridian Pkwy., Riverside, CA 15751
- ⁵ Meridian Pkwy., Riverside, CA
- 6 7 8 1101 East Pleasant Run Rd., Wilmer, TX
 - 910 9201 Edgeworth Dr., Capital Heights, MD
 - 11 536 Viking Dr., Virginia, VA
 - 12 129 Concord Rd., Billerica, MA
 - 13 975 University Ave., Norwood, MA
 - 14 95 Arlington Ave., Charleston, MA



Utilizing previous PowerTap H2 Tech across the USA (stations not owned by PowerTap)



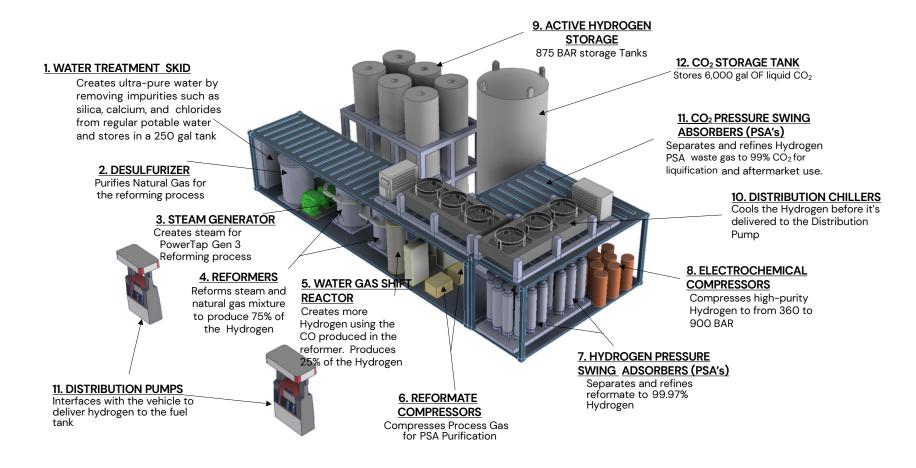
PowerTap Gen3 Advantages (On-Site vs CSD)

- PowerTap Gen3
 - Proprietary technology with onsite production and dispensing
 - SMR with CCUS with RNG Zero to Negative CI
 - DOE Award Winning
 - Scalable for HD FCET Fueling
- On-Site Production/Dispensing vs. Traditional Compress-Store-Dispense ("CSD")
 - H₂ Transport Not Required Reduced Cost
 - Liquid H₂ Not Required Reduced Operational Cost
 - Autonomous Operations/Data Analytics
 - On-Site No <u>Delays</u>, No <u>Excuses</u>, No <u>Transport</u>, No <u>Hassles</u>



PowerTap Gen3

Distribution Center Process Overview How the Process Works





PowerTap Gen3 – Major Components

Component	Comment
Water Treatment Skid	Creates ultra-pure water by removing impurities such as silica, calcium, and chlorides from regular potable water
Desulfurizer	Purifies natural gas for the reforming process
Steam Generator	Creates stream for PowerTap Gen3 reforming process
Reformers	Reforms steam and natural gas mixture to produce 75% of the hydrogen
Water Gas Shift Reactor	Creates more hydrogen using the CO produced in the reformer; produce 25% of the hydrogen
Reformate Compressors	Compresses process gas for PSA purification
Pressure Swing Absorbers	Separates and refined reformate to 99.7% hydrogen
Electro-chemical Compressors	Compresses high-purity hydrogen from 360 to 900 BAR
Hydrogen Storage	875 BAR storage tanks
Distribution Chiller	Cools the hydrogen before it is delivered to the distribution pump
Dispensing Pumps	Separates and refines hydrogen PSA waste gas to 99% $\rm CO_2$ for liquification and aftermarket use
CO ₂ Storage Tank	Stores 6,000 gallons of liquid CO ₂



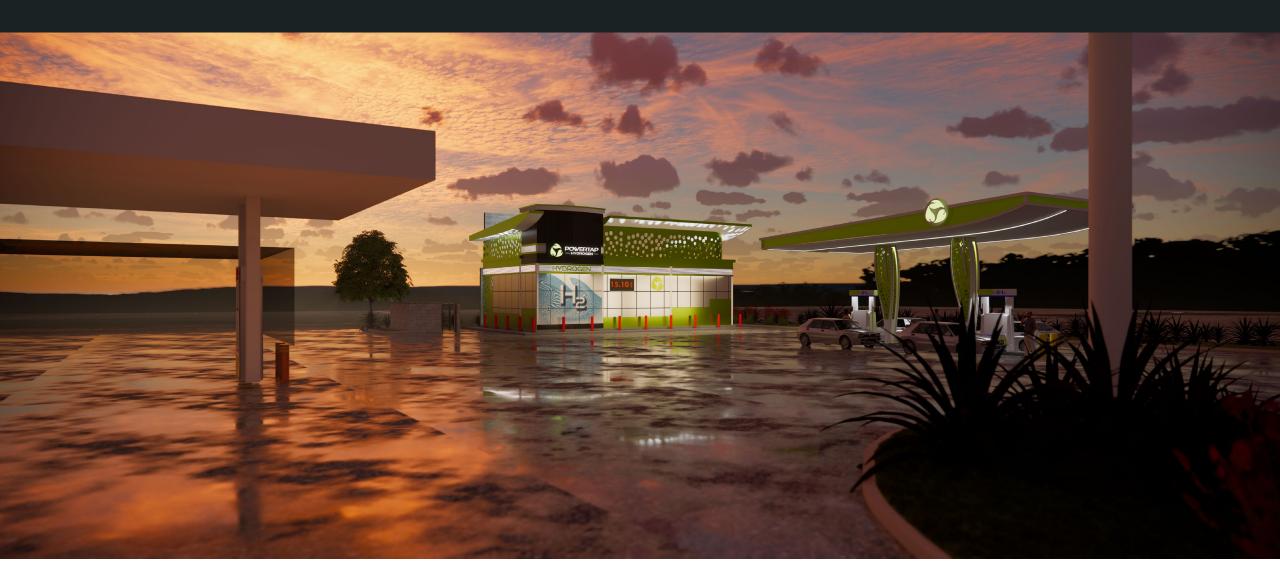
PowerTap Gen3 – Innovation Summary

Modular Hydrogen Production and Dispensing Unit – Small Footprint

- Onsite production and dispensing Eliminates CO₂e compared to CSD
- Use of 41% RNG neutral to negative CO₂e
- Improvements over other SMRs:
 - Catalyst Life Extended to Eight Years
 - Use of Hot Standby Mode with two 625 kg SMRs
 - Use of electrochemical or metal hydride compression
 - Scalable for heavy duty FCET fueling
- Cost ≤ \$4.00/kg- Lower than current hydrogen production methods



Fortuna PowerTap Station





Fortuna PowerTap Station

