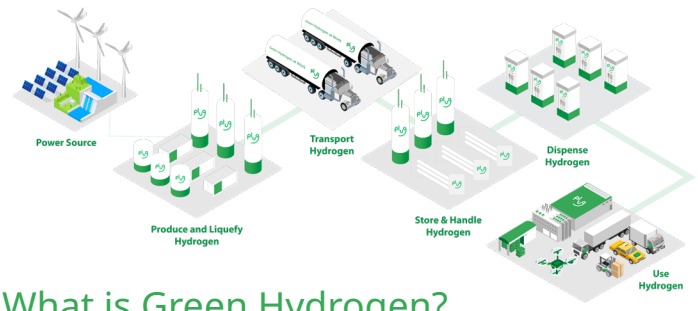
Our mission is to is to build the green hydrogen economy – green hydrogen sustainability solutions that lower carbon footprints, increase productivity, and lower operating costs. Bringing over 375 jobs to the Rochester area!

About Us

Plug is building an end-to-end green hydrogen ecosystem, from production, storage and delivery to energy generation, to help its customers meet their business goals and decarbonize the economy. With plans to build and operate a green hydrogen highway across North America and Europe, Plug is building a state-of-the-art Innovation Center to produce electrolyzers and fuel cells, and multiple green hydrogen production plants that will yield 500 tons of liquid green hydrogen daily by 2025.

Our Services

- Design, develop and manufacture green products
- Electrolyzers for hydrogen production
- Hydrogen liquefaction/transportation/storage/ dispensing equipment
- Hydrogen applications



What is Green Hydrogen?

Green hydrogen is hydrogen generated by renewable power sources or via an electrolyzer through the process of electrolysis — splitting water into hydrogen and oxygen. It is the cleanest form of hydrogen production. Plug uses technology called PEM water electrolysis that can be paired with renewable and intermittent sources such as solar, wind, and hydro-electric power to produce green hydrogen at a low cost to customers.

The Innovation Center

Plug has invested over $125 million into the Innovation Center at 1025 John Street location in West Henrietta, N.Y. where it will design, test, and manufacture the core technology that goes into fuel cells and electrolyzers. In 2023, the West Henrietta location will be fully operational and will produce Membrane Electrode Assemblies that will be used for fuel cell and electrolyzer stack technology and be implemented in applications around the world. At full capacity, the location will make up to 65,000 stacks.

FAQS

What waste is created? How will they be managed?
Fuel Cells that utilize hydrogen produce only electricity, heat, and water. As such, these fuel cells are considered emission-free. Electrolyzers use green electricity to split water into its hydrogen and oxygen components – where the hydrogen is captured and used as fuel and the oxygen is the only byproduct.

None of the manufacturing process produces wastes that require sewer or storm water permits. The cleaning of process equipment will produce a solution of isopropyl alcohol that will be shipped off-site for incineration.

When will the Innovation Center be fully operational?
The Innovation Center is estimated to be at full production capacity by the end of 2023.

What permits and approvals are necessary?
Plug has submitted an Air State Facility permit application to the New York State Department of Environmental Conservation (NYSDEC).

What impacts can I anticipate during construction of the Innovation Center? How will they be mitigated?
Since the Innovation Center is being constructed at an existing industrial building, no significant environmental impacts are anticipated during the construction phase except slight increase in vehicle traffic to bring in workers and equipment due to minor construction on the existing property.

What impacts can I anticipate during operation of the Innovation Center? How will they be mitigated?
No significant environmental impacts are anticipated during operation of the Innovation Center, which will meet federal, state, and local codes, regulations, and permits. As part of the air permit application process, Plug has reviewed all applicable requirements and demonstrated the factory will meet New York State requirements for health-based off-site air quality. Most factory operations will not emit any air pollutants. Emissions from the primary process operation will be controlled using a state of art thermal oxidizer to destroy air contaminants before being released to the air. Plug has submitted details for approval to NYSDEC.
Learn more www.plugpower.com/enviro-permits

Plug Power Inc. (Plug)
Project Location: Gigafactory located 1025 John Street location in West Henrietta, NY

Community Meetings

Location: RIT Inn and Conference Center, 5257 West Henrietta Rd., Henrietta, NY 14467 on August 3, 2022 at 6pm
Location: RIT Inn and Conference Center, 5257 West Henrietta Rd., Henrietta, NY 14467 on August 4, 2022 at 1pm

This meeting is being held to ensure that all potential stakeholders within the vicinity of the facility are aware of the operation of the plant and to give them an opportunity to provide input into the environmental permitting process. During the meetings, Plug will provide an overview of the proposed operations at the Gigafactory, the environmental permitting requirements, and potential environmental impacts and controls proposed to mitigate those impacts. Stakeholders in the vicinity should attend this meeting to become familiar with the Gigafactory and to ask questions of, and provide feedback to, Plug.

Plug is seeking feedback from the public on the potential environmental impacts from the facility's operation. Members of the public can provide feedback during the question-and-answer period of the public meeting listed above or by sending written comments to Trinity Consultants, 1580 Columbia Turnpike, Bldg. 1, Ste. 1, Castleton-on-Hudson, NY 12033.

For questions regarding this meeting on behalf of Plug, contact Brian Noel, Manager of Consulting Services with Trinity Consultants, bnoel@trinityconsultants.com, 518-348-9276, or the Trinity Consultants street address listed above.

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