



SJI Green Hydrogen Journey: Green Hydrogen 101

As an energy infrastructure company, SJI can leverage its extensive, well-built and modern pipeline system to deliver low or zero-carbon fuels.

Today, SJI's utilities South Jersey Gas and Elizabethtown Gas use their thousands of miles of underground infrastructure to solely deliver natural gas, but that is about to change!

Using a recently constructed 1.5 MW solar array at South Jersey Gas' property in South Harrison Twp, in 2023 SJI will install a 1 MW electrolyzer to produce Green Hydrogen and blend it into the natural gas supply.

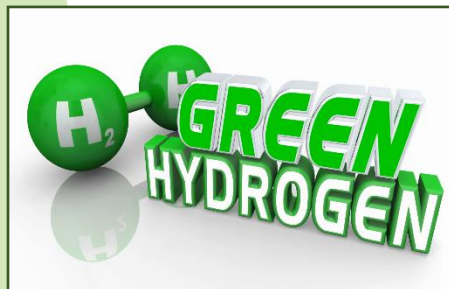
What is Green Hydrogen?

Green Hydrogen is simply hydrogen, a carbon zero fuel, produced by running a wind or solar-generated electrical current through water to separate oxygen and hydrogen. It is safe and at the low blend level SJI plans to implement, it will not impact infrastructure or customer appliances.

What are the benefits of Green Hydrogen?

By blending small amounts of hydrogen with natural gas, SJI utilities are replacing a fossil fuel with a zero-carbon fuel thereby lowering the total carbon footprint of the gas supply and end use.

The SJI Green Hydrogen Journey is a multi-part series highlighting SJI's first green hydrogen development project, scheduled to begin operation in 2023. Green hydrogen is a carbon net-zero fuel that can be blended with natural gas to lower the gas supply's overall carbon density. This project among others, is one of the ways SJI plans to reach carbon neutral operations by 2040.



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