

# Constellation: Accelerating the Transition to a Carbon-Free Future



Constellation is the **nation's largest producer of carbon-free energy**, providing more than 10% of the clean energy in the US; and a leading supplier of energy products and services to businesses, homes, community aggregations and public sector customers across the continental United States. We're the number one supplier to businesses, including three-fourths of Fortune 100 companies, helping them to reach their environmental and sustainability goals. Constellation is uniquely positioned to lead the clean energy transition. Recently passed state and federal clean energy legislation paves the way for life extensions of our carbon-free nuclear plants and to make investments to increase their output. These plants serve as clean energy centers that not only supply carbon-free energy to the grid 24/7, but also can enable emerging technologies that will help eliminate harmful carbon emissions across our economy.

## #1

producer of carbon-free energy in the United States, providing more than 10% of the nation's clean energy — **nearly as much as the next two competitors combined.**



Generating capacity to power the equivalent of **15 million homes** with **clean energy** via nuclear, hydro, wind and solar.



**~ 215 TWh of power**  
served to customers each year,  
including **75%** of the Fortune 100.

Ambitious goal of achieving **100%**  
carbon-free generation by 2040.



**~ \$300 million**  
in state and local taxes paid in  
communities nationwide.

Annual generation output that is  
**nearly 90% carbon-free**

Annual emissions avoided via nuclear and  
renewable fleet production equivalent to taking  
**more than 26 million cars** off the road.



Committed to Diversity, Equity, and Inclusion —  
increasing our spending with diverse businesses  
by \$200 million in 2022 and signing a historic  
pledge to increase diversity in craft jobs.



**~ 13,000**  
employees nationwide,  
including **2,000** new hires in 2022.

\$12.5 million in combined company and employee donations, and  
**more than 80,000 volunteer hours**



## ◦ Clean Hydrogen

Our Nine Mile Point plant in New York will have the nation's first megawatt-scale nuclear-powered clean hydrogen production facility. Clean hydrogen can be used to clean hard-to-decarbonize industries, such as aviation, long-haul shipping and agriculture. We also have joined an alliance representing every step in the hydrogen value chain to establish a clean hydrogen production and distribution hub in the Midwest, and Constellation is a participating member of other regional hydrogen hub proposals.

## ◦ Direct Air Capture

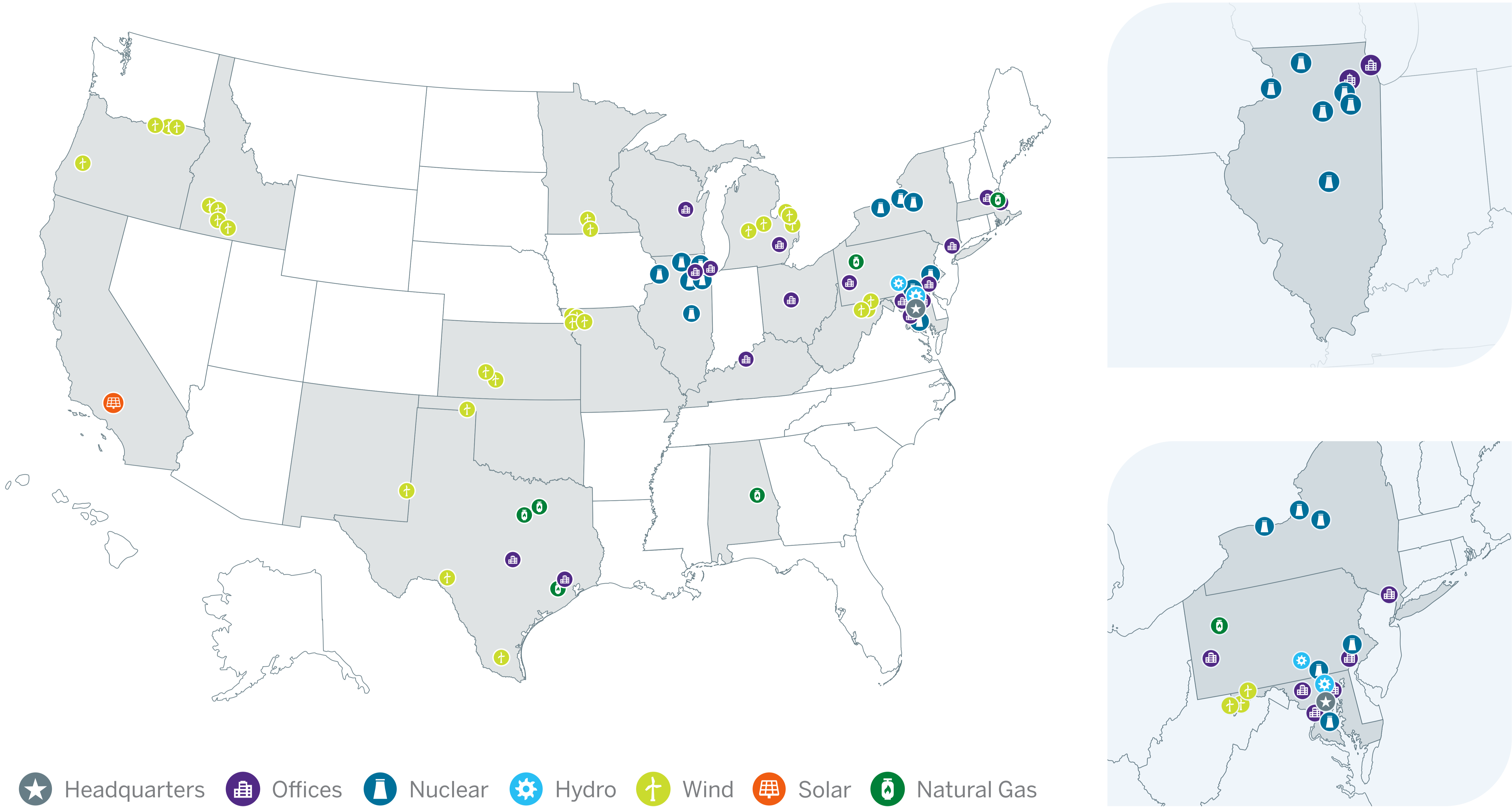
Our Byron nuclear plant in Illinois is piloting technology that can scrape carbon dioxide directly from the atmosphere, demonstrating that nuclear plants not only don't produce emissions, but also can help sequester carbon emissions caused by other sources.

## ◦ Hourly Carbon-Free Energy Matching

Constellation has partnered with Microsoft to launch an hourly carbon-free matching platform that matches a customer's electricity needs with a regional clean energy source 24 hours a day, seven days a week, 365 days a year.

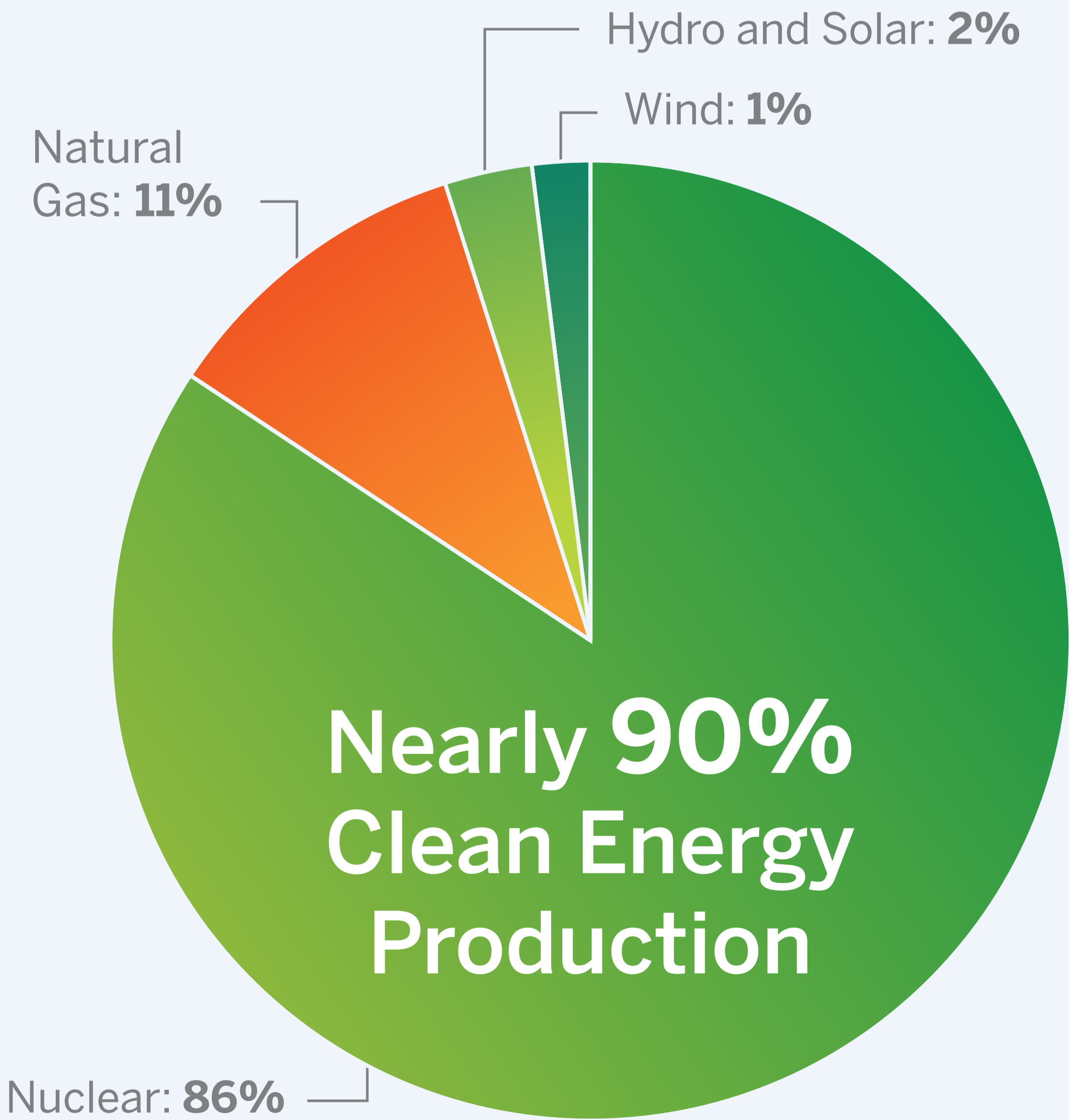
## ◦ Small Modular Reactors

SMRs may have tremendous potential benefits, including ease to manufacture and assemble and zero emissions, however market conditions in the US are challenging for the foreseeable future. To ensure we remain at the forefront of new nuclear development, Constellation has invested in the Rolls Royce SMR in the UK, which has significant local government support and more favorable energy market conditions. Constellation also serves on several advisory boards for new SMR development and deployment.



Constellation Generation Facilities Breakdown

Our Generation portfolio is unmatched in its diversity of geography, markets, fuels, and technologies.



Percentages based on 2022 production.