

Inflation Reduction Act and Infrastructure Investment and Jobs Act

Clean Energy Investment in Texas since 2022

\$60 billion

IRA-driven direct investment in Texas’s energy technology manufacturing and utility projects

> 31,000

Clean energy manufacturing jobs supported by clean energy tax credits in Texas

>30

Clean manufacturing facilities announced in Texas since 2022

Clean Energy Investment by Congressional District

District	Representative	Direct Clean Energy Investment Since 2022	Outstanding Clean Energy Investment Since 2022
TX-22	Troy Nehls	\$6,500,000,000	\$12,400,000,000
TX-19	Jodey Arrington	\$6,000,000,000	\$12,700,000,000
TX-23	Tony Gonzales	\$5,600,000,000	\$7,000,000,000
TX-14	Randy Weber	\$4,700,000,000	\$7,900,000,000
TX-27	Michael Cloud	\$4,200,000,000	\$9,600,000,000
TX-17	Pete Sessions	\$4,100,000,000	\$8,000,000,000
TX-13	Ronny Jackson	\$3,400,000,000	\$9,600,000,000
TX-36	Brian Babin	\$727,600,000	\$11,800,000,000

\$120 billion

Nearly **\$120 billion** of announced investment in clean manufacturing, electrical infrastructure, and industrial facilities is outstanding in Texas.

Modelling by Energy Innovation suggests investments could add **\$15 billion** to Texas’ gross state product and save **\$78** in annual household energy bills in 2030.

Announced projects could also prevent more than **6,600 deaths** through 2050.

Major Funding Packages for Industrial Facilities in Texas From IIJA & IRA



HyVelocity Hydrogen Hub

A public-private consortium with industry participation including **ExxonMobil and Chevron** was awarded **\$1.2 billion** from the Department of Energy’s Office of Clean Energy Demonstrations hydrogen hub funding under the IIJA. HyVelocity hopes to create 45,000 jobs over its project lifespan and decrease carbon emissions, with support from 45V clean hydrogen tax credits included in the IRA.



South Texas Direct Air Capture Hub

1PointFive, a direct air capture consortium led by Occidental, was awarded **\$600 million in funding by the Department of Energy’s Office of Clean Energy Demonstrations** under the IIJA. Total estimated project investment is between \$1.3 and \$2 billion and could create nearly 1,500 jobs during construction and up to 400 jobs in operation. The site’s commercial viability will depend on the availability of 45Q tax credits.

Dow Chemical Novel CO2 Utilization

Dow Chemical received **\$95 million in grant funding from the Department of Energy’s Office of Manufacturing and Energy Supply Chains** for a novel upstream battery component manufacturing facility. The project intends to capture 50-90 percent of CO2 emissions from a nearby industrial facility for conversion into electrolyte solution for lithium-ion battery production.



TerraVolta Project Liberty Owl

TerraVolta was selected by the Department of Energy’s Office of Manufacturing and Clean Energy Supply Chains for **\$225 million in grant funding to develop a \$1 billion lithium production facility** in the Texarkana region. When operational, the project could produce at least 25,000 tonnes of lithium carbonate annually and provide more than 125 permanent positions.



Source: Carnegie compilation of Clean Investment Monitor, E2 Clean Energy Jobs State and Country Maps, and the Big Green Machine data. • Note: This brief compiles information originally gathered from the sources included above, as well as the U.S. Department of Energy’s clean energy investment tracker, IIJA funding announcements from DOE OCED and MESC, and Energy Innovation’s “How Federal Clean Energy Tax Credits Benefit Texas” study.