

Clean Sustainable Energy Authority- Grant Round 3- Application Summaries

Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
C-3-A	Liberty H2 Hub Front-End Engineering & Design	Energy & Environmental Research Center	24 Months (November 1, 2022 – October 31, 2024)	To complete a Liberty H2 Hub (LHH) front-end engineering and design (FEED) study that will result in critical development and support investment decisions by project sponsors, MPLX and TC Energy to develop large-scale facilities and infrastructure for a complete supply chain of clean energy.	Grant: \$10 Million Loan: \$0	\$24,290,528
C-3-B	Project Phoenix- Manufacturing Bio-Degradable Polymers Using Methane as Feedstock	Newlight Technologies Inc.	9 Months from CSEA Approval	Fund engineering and design work for constructing and operating a plant in northwest North Dakota; Fund further work that supports the build-out of needed infrastructure at Marley Crossing; and Work with the State and Williams County to find solutions or mitigation strategies for any open challenges and/or risks to contribute to the state's Carbon Neutral 2030 goal, CSEA's goals and to benefit North Dakota overall.	Grant: \$4,185,625 Loan: \$0	\$8,371,250
C-3-C	Geothermal Power Generation for Oil & Gas Production	Enerplus Corporation (USA)	30 Months	To replace electric fluid chillers with Sedna Sled Geothermal Systems that create geothermal power for use onsite; for operations both on and around the Fort Berthold Indian Reservation.	Grant: \$1,098,500 Loan: \$0	\$2,197,000