Increased global investment in decarbonization technologies including CCUS and hydrogen to transition natural gas to low carbon energy source

More modernized, resilient grid to meet demand, severe weather challenges

Continuing with carbon capture
GE was selected by BP to work with its partners on design and technical solutions development for a proposed 860MW power station and carbon capture facility.

Hydrogen projects also underway in Europe, China & Australia

Dramatic increase in investment and research into accessible Sustainable Aviation Fuel (SAF)

Could be key to helping the aviation industry meet its net zero carbon goals by 2050

Potential fuel lifecycle carbon emissions reduction

GE has been actively involved in assessing & qualifying SAF

Test flight collaborations with United Airlines & Etihad Airways

Next generation advances in nuclear energy technology

~300 MWE Carbon free electricity during operation with Small Modular Reactor (SMR) design

Continued focus on offshore wind in the U.S.

GE HALIADE-X

1st U.S. utility scale offshore wind farm Vineyard Wind will be powered by 62 Haliade-X turbines.

GE’s Haliade-X platform will also help power Ocean Wind. Once complete, Ocean Wind will be capable of powering the equivalent of 500k NJ homes

For more information on each trend and how GE is leading THE ENERGY TRANSITION, click here. www.ge.com/about-us/energy-transition