Progress in Fusion
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In the face of climate change, fusion has the potential to provide clean, safe, economically viable, and on-demand energy, that could help address the world’s energy needs. Paired with renewables and energy storage, a 100% zero-carbon grid could become economically feasible, creating a practical energy mix that dramatically reduces emissions. Traditionally, fusion research has taken place inside the domain of national laboratories and multi-national government projects. Private companies, including General Fusion, are now exploring solutions to fusion energy across a wide range of previously unexplored plasma parameters. Building on decades of plasma physics research, private companies are now turning to technologies which may offer a more rapid pathway to commercially-viable fusion systems.