India Exploring Small Nuclear Reactors to Propel Clean Energy Transition: Minister

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As the global momentum towards reducing reliance on fossil fuels has increased the significance of nuclear power, the government is actively pursuing new technologies, including Small Nuclear Reactors (SMRs), to drive the shift towards clean energy, according to Union Minister of State for Science & Technology, Dr. Jitendra Singh. The Minister informed the Parliament that the government is exploring the potential of SMRs, particularly suitable for repurposing retiring coalbased thermal power stations. Deploying SMRs in locations unsuitable for large nuclear plants can generate substantial low-carbon electricity, contributing

significantly to India's energy transition goals.