

In-Pipe Hydropower System



The LucidPipe™

Power System from Lucid Energy harnesses the untapped potential of moving water to produce clean, low-cost electricity. Water- and energy-intensive industries can deploy the system to generate millions of megawatt hours of renewable electricity from the water already flowing through their pipelines — without interrupting flow. The system can operate across a wide range of flow conditions, volumes and velocities. The unique lift-based vertical axis spherical turbine design of the system generates electricity by extracting excess head pressure from large diameter (24" to 96"), gravity-fed water pipelines and effluent streams. To maximize electricity generation, several systems can be rapidly and easily installed into a single pipeline, enabling operations to continue normally.

www.lucidenergy.com [1]

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Links:

[1] <http://www.lucidenergy.com>