

PIENAAR ENERGY (PTY) LTD

Turbulent hydro turbines



Turbulent hydro turbines



Turbulent Hydroelectric Turbines for Green, Decentralized Energy

We develop cost-effective hydropower plants that can be installed in any river, canal or waterway that has a drop between 1.5 - 5 m. You can generate electricity using an individual turbine or a network of ...

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Turbulent Vortex Turbine , Engineering For Change

Turbulent's hydropower system is inspired and powered by the natural phenomenon of a water vortex. The system integrates an intake, turbine, generation device, and tailrace. Each vortex ...



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Eco-Friendly Hydro-Power: Turbulent

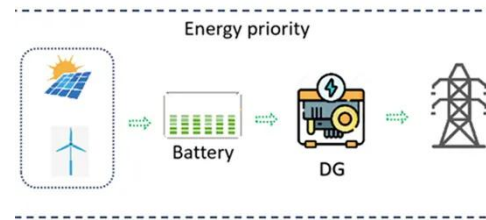
To eliminate such problems, a company in Belgium has created turbulent, an off-grid micro-hydro power turbine able to supply from 5 to 200 kWh of clean, renewable power. This research aims to determine ...

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Turbulent Hydro

With its robust and flood-proof technology, Turbulent moves away from large conventional hydropower with dams and reservoirs, to a sustainable, low-maintenance technology allowing fish, ...

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Eco-friendly hydropower for everyone, everywhere , Turbulent

Turbulent's hydroelectric turbines bring clean, reliable and affordable renewable energy to thousands of remote locations where hydropower was never viable before.

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turbulent electrifies remote locations with low-maintenance vortex ...

Powering Up 50 to 500 Households
 Parts of Turbulent'S Vortex Turbines
 Designed For Continuous Energy
 Belgian company Turbulent wants to bring clean and affordable electricity to remote locations using hydropower plants and by helping the locals learn how to maintain and use them. The design team turns to natural streams to power up their project and creates a curving construction to continuously let the water spin on it... See more on designboom Images of



Turbulent Hydro turbines
Low Head Hydro Turbines
Horizontal Hydro Turbine
Instream Turbines
Suction Augmented Hydro Turbine
Propeller Hydro Turbine
Pumped Hydro Turbine
Hydro Kinetic Turbines
Surface Hydrokinetic Turbine
Impulse Hydro Turbine
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Turbulent Vortex Turbine

Turbulent's environmentally friendly hydropower technology (no dams) is an ideal match for Variable Renewable Energy (VRE), offering continuous electricity 24/7/365 in mini-grids and ...

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Turbulent Mini Hydro: Affordable Technology for Generating Electricity

It offers a compact, affordable, and environmentally friendly solution for providing electricity to small

communities. The basis of Turbulent technology is a small vortex turbine that uses ...

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Vortex Turbine Turbulent

Discover the groundbreaking technology behind the Turbulent micro-hydropower turbine. Crafted meticulously with an emphasis on both function and the environment, our turbine represents the next ...

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Turbulent Hydro

Turbulent hydro is a technology to generate power from the stream of a river. Adapted from the basic principle of a whirlpool, this vortex turbine can work individually or as a group of ...

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turbulent electrifies remote locations with low-maintenance vortex turbines

Turbulent claims that through their technology, residents can harness clean



energy from rivers and canals that were thought of as not entirely possible before. Their micro-vortex turbines can

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