



Emrgy Introduction

2024

*“Transforming existing water
infrastructure into new revenue streams”*

emrgy

Emrgy's Distributed Hydropower Systems

Emrgy turbines are installed sequentially (daisy-chained) in water conduits for power generation.

These **Emrgy Arrays** can generate hundreds of kilowatts or megawatts of electricity.

Depending on water velocity, each turbine can generate **5-22kW** and are typically separated by ~100 yards. This separation allows the water flow to recover between turbines, in time for the next turbine to capture the surplus kinetic energy.

Our team of hydrologists and engineers work with the conduit owner to find optimal locations. This means we can have minimal impact on the daily operations, and generate renewable energy.



Emrgy's Portfolio of Solutions

Existing US Installations & LOIs for projects



CANAL / RESERVOIR FLOATING SOLAR

DROP STRUCTURE LOW-HEAD TURBINE

DISTRIBUTED HYDRO MHK TURBINES

MICRO HYDRO FACILITY

WATER CONSERVATION CANAL LINING

CANAL ADJACENT PV/BESS/MICROGRID



EMRGY'S VISION

IRRIGATION MODERNIZATION
THE WATER ENERGY NEXUS

Confidential