Reach the PINNACLE of **Performance** and **Reliability**

Irrigation

Irrigation started around 6000 BC. Today, it's used just about everywhere to bring vital water where it's needed most. This comes with a variety of challenges. Depending on the system, slopes and valve changes can hamper the ability to irrigate an area evenly and properly.

One of the critical components of most irrigation implementations and at the center of this challenge is the pump system. Specifically, the drive that controls it. That's where Fuji Electric comes in.

We provide variable frequency drives or VFD's that reduce electrical energy consumption.

They are able to do this by reducing motor speed to match the required load. This is especially important to meet the requirements of the latest solar-powered systems.

And, it's not just about saving energy – VFD's offer a variety of benefits including:

- Lower maintenance costs by reducing wear and tear on motors and related components.
- Increase equipment life by eliminating frequent on/off cycling.
- Reduced motor stress with soft-start capability, which gradually ramps up motor speed.
- Improve precision by modulating the water flow and pressure throughout the irrigation system, overcoming differences in slopes as well as turning valves off and on.

FRENIC-Eco

FRENIC-Ace

EcoPump

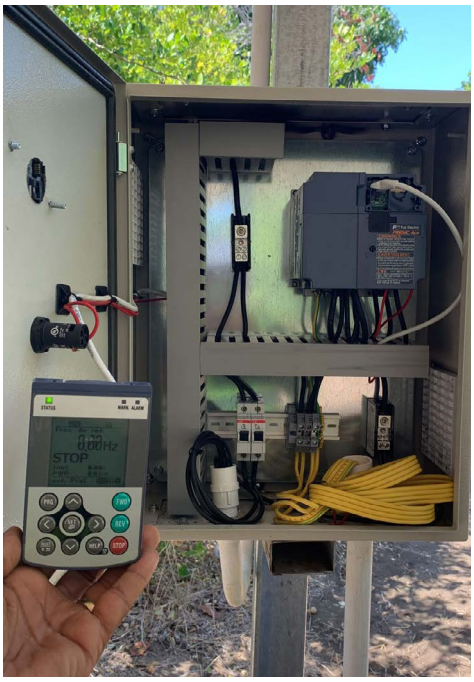
Contact us today to discover what we can do for your irrigation applications.

Purpose-built solutions backed by applications expertise, exemplified by our solar offering.

Fuji also provides solar drives that allow autonomous systems without human supervision .
They also feature specific functions to ensure a continuous operation.

- Autonomous system without human supervision—specific functions to ensure a continuous operation.
- Starts the pump when conditions are suitable.
- Always obtains the maximum power from the solar panels through Maximum Power Point Tracking.
- Stops the pump depending on the operating conditions.
- Protects the pump in case of overload or operation in dry well.

Solar Pumping



Contact us today to discover what we can do for your irrigation applications.

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