

Summary:

- > The most expensive pumps cost more electric \$ per gallon.
- > Electrical components get sick before dying. Repair them before they die.
- > Transform your RTUs into highly accurate flowmeters

Topics:

What is the quality of the electricity supplied? ■ Highlights abnormal behaviors	2
Breakthrough in electronic miniaturization ■ Inflow & Infiltration	3
Find and repair problems before they become emergencies ■ Show me the money! ■ Getting all the data required to take better decisions	4
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A Lift Station Calibration that tells how much Money is Wasted	6
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MAID Labs' System: Technological Breakthroughs in Flow Calculation and Electronic Miniaturization

Which pumps are the most expensive to run per gallon?

Inefficient pumps cost between \$100 and \$10,000 per year per lift station and nobody knows about it!

Pumps with high operating costs have the lowest flow per kilowatt and can be easily identified.

How to find them?

1— The volume pumped is calculated for a minimum period of one week for each pump.

2—The power consumption is calculated per pump

3—The volume per kilowatt is calculated for each pump.

4—The cost of operation of each pump is estimated for one year

5—The cost of using only the most efficient pump to pump everything is estimated for one year.

6—The wasted electricity paid for nothing is the difference between 4 and 5.

Collection systems represents a large portion of the utility's power budget. While pump operation and flow is verified periodically, power consumption per pump is rarely monitored over a meaningful period.

A breakthrough in monitoring technology makes this possible. Offered as a complete service, simply get the reports required to take better decisions.

MAID Labs Remarkable Lift Station Evaluation Report (page 5)

MAID Labs' Report uses its own patented volumetric flow algorithm, which is the most accurate in the industry.

Many leading manufacturers use MAID Labs' electric data logging equipment and analytical software to monitor vital equipment.

The synergy generated by the integration of their

unique flow technology and the power analysis technologies is priceless.

MAID Labs' Complete Lift Station Evaluation Report gives answers to the following questions:

- Does it work the way it should?
- Why does it break?
 - What is the cost of not repairing?
 - Should it be repaired?

