

# Maximize Your ROI By Going Electric With POSICHARGE™ LP METER

Cellular LP Forklift Meter

- 1** HIGHEST ACCURACY  
Unparalleled ability to measure & analyze exact, real time LP forklift energy usage.
- 2** EASY SETUP  
Portable & convenient to ship. Installs in minutes. Can be mounted to the overhead guard or LP tank.
- 3** HASSLE-FREE AUTOMATED DATA COLLECTION  
Cellular communication for data capture.
- 4** CUSTOMIZED COST-SAVING FLEET SOLUTION  
Data collected is used to create a detailed electric fleet profile and recommendations.

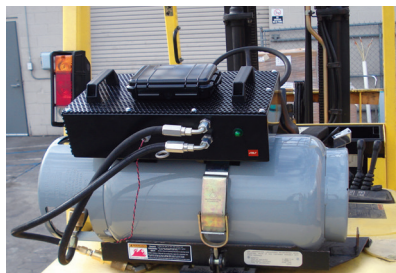


Getting the maximum return from converting your LP forklift fleet to electric requires a plan - a one-size-fits-all solution will not work. To ensure that your operation gets the most out of switching to electric, PosiCharge offers a consulting service using our innovative cellular LP forklift meter technology. The PosiCharge™ LP Meter is industry's only tool that can demonstrate a customized LP to Electric solution that is guaranteed to meet your bottom line.

The LP Meter captures the fuel consumption and usage data on propane-powered lift trucks without the hassle of manual data collection by operators or maintenance staff. It measures and records gas flow and truck operation every 10 seconds using an internal flow meter and real time clock.

Data is stored on internal memory and communicated via cellular connection back to PosiCharge for analysis. The data is typically collected over a one week period, but the LP Meter can hold up to 4 weeks of data if longer analysis is needed.

Using the data collected, the PosiCharge team will prepare an in-depth assessment of your LP fleet and a detailed, custom electric fleet profile – including the number of trucks, batteries, and chargers required, and recommended battery sizes and charge power requirements.



## APPLICATIONS

- » *Truck Utilization*
- » *Fleet Fuel Consumption*
- » *IC Truck Efficiency Comparison*
- » *IC to Electric Truck Conversions*

## BENEFITS

- » Real time fleet data identifies LP fuel use, lost productivity, and billing discrepancies
- » Comprehensive analysis for IC to Electric Fleet Conversion includes operating costs, productivity, capital expenses, and employee safety
- » Cost-saving recommendation for charging solution and battery sizing

**PosiCharge**®  
AeroVironment



PROCEED  
WITH  
CERTAINTY

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# POSICHARGE™ LP METER

## A SAMPLE OF THE DATA INCLUDES:

- REAL TIME FUEL USAGE (Gallons/hr) - Forklift fuel use every 10 seconds
- CUMULATIVE GALLONS CONSUMED – Fuel Usage per day
- RUN TIME – Total time truck is operating per day (engine on/off status)
- IDLE TIME – Total time truck is idle per day
- CHARGE TIME – Sum of the idle times greater than 15 minutes per day

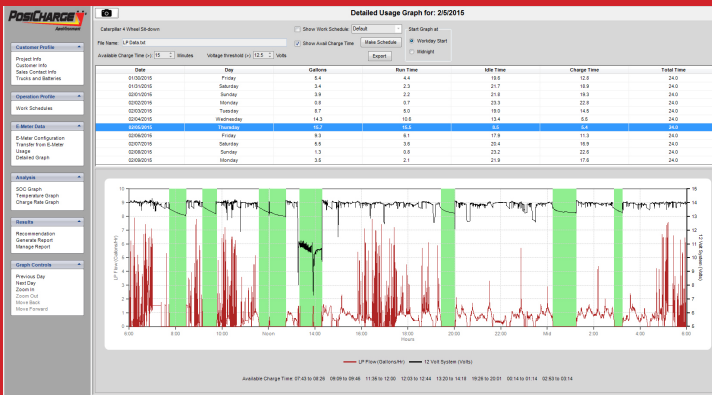


Figure 1. Energy Usage

Data provides a complete understanding of the fuel usage and available charge time.

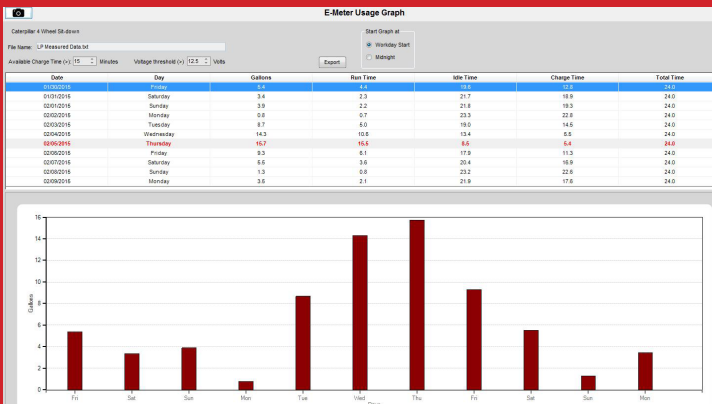


Figure 2. Daily Summary Report

The daily data report includes accumulated propane usage and run, idle and key off times.

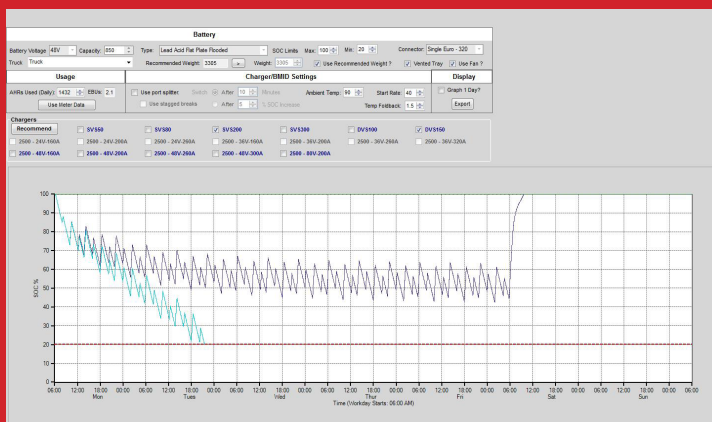


Figure 3. PC Application

View battery state-of-charge simulations and optimal charger configurations using data from the LP Meter.