Building your GIS during your AMI deployment

- Build your GIS while deploying your new meters
- Optimize AMI Communication Infrastructure
- Complete Connectivity/Circuit Model
- Visually Identify & Interpret Network Issues

About mPower

mPower Innovations has over 30 years of experience helping utilities across the country save time and resources by implementing user-friendly and affordable GIS and Smart Grid solutions including a suite of Asset, Work, and Outage Management Systems.

We help organizations at any stage—whether they have an advanced AMI and/or GIS or are just getting started!

AMI Data Solutions

When it comes to AMI solutions, our goal is to help utilities unlock the full potential of their AMI data by pairing it with their existing data to make smarter business decisions.

To accomplish this goal, we connect your AMI data to other enterprise systems, enabling the end-user to run powerful analysis and reports with just a few simple clicks.

mPower Innovations

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4 Reasons to build your GIS during AMI deployment

GIS (Geographic Information Systems) and AMI (Automated Meter Infrastructure) are hot topics these days. For utilities that are interested in implementing these two technologies, a common misconception is that you need AMI before you build your GIS. The truth is, **the best time to build or improve your GIS is before or during your AMI deployment.** Consider these four reasons get the most out of your AMI deployment.

1. Build Your GIS While Deploying AMI Meters

Build and/or enrich your GIS by adding precise meter locations, images, add secondary or service lines, complete connectivity or bring it past transformer so true “Source-to-Load” tracing is possible.

2. Optimize AMI Communication Infrastructure

Every AMI deployment begins with designing or laying out the communication infrastructure. The higher the quality of georeferenced asset data you can provide, the better initial performance you will receive from your AMI and the easier the debug, re-work and optimization processes will be.

Provide your AMI vendor with better information to optimize collector and router locations before deployment. Once deployed, spatially analyze communication data and potential issues from meters to head end.

3. Complete Connectivity/Circuit Model

Take advantage of being at each meter location to verify or connect every meter to its transformer in your model. Getting this done now is the easiest and cheapest way to make these critical connections.

4. Visually Identify & Interpret Network Issues

See your how your meter data moves from the meter, through head end systems, and on to other smart grid and customer centric systems. Identify and resolve issues in a real-world context as opposed to trying to interpret and compare tabular data from those systems!

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