

The WPPI Energy 2017-2021 Business Plan calls for an investigation of outage management strategies. Over the past two years, a member-led Outage Management Task Force (OMTF) met to explore related technologies and services that could assist members who are interested in advancing their outage management capabilities. A key finding of the OMTF was that a fully functional geographical information system (GIS) was the most practical starting point for member utilities looking to take the first step. In response, the OMTF-through the Distribution Services Advisory Group-developed a new service for 2019.

## Purpose

To provide WPPI Energy members a resource option for quality GIS services at a reduced cost through joint action.

Potential uses of a quality GIS:

- » Mapping and visualization
- » Asset management
- » Mobile work management
- » Design and staking of new service, work plans, etc.
- » Engineering analysis
- » Distribution management (SCADA/OMS)
- » Outage management

## Overview

WPPI Energy will manage an agreement with qualified service providers and will negotiate pricing for provided services. The current service provider selected by the Outage Management Task Force is Power System Engineering, Inc. (PSE).

## WPPI Role

WPPI Energy staff serves as a resource to members when going through the GIS mapping process.

## Member Role

Members are responsible for executing an Engineering Services Agreement with the service provider and defining the scope of work needed. The service provider will invoice the member directly.

## Cost/Billing

Pricing outlined on the following page is for a three-year period with a 3% annual escalation for each of the rates. Rates do not include any travel expenses (food, car rental, lodging, etc.). A more thorough description of services offered and terms and conditions is located in the service agreement.

## Services offered under the GIS Support Service:

- » CAD conversion
- » New Esri deployment and data gathering
- » On-going personalized service for GIS update and support
- » Application development for inspections, workforce tools and data collection
- » Export integration with engineering software such as Milsoft or an Outage Management System (OMS)
- » Esri software installation and support

### CONTACT

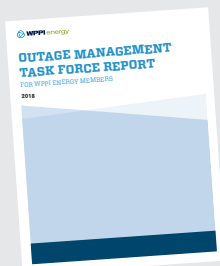


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Discounted rates available to WPPI Energy members for services through PSE are displayed in the chart below.

Utility Services	Rates After Discount
<b>1. CAD Conversion &amp; New GIS Development</b> <ul style="list-style-type: none"> <li>» AutoCAD &amp; TerraSpatial Conversion</li> <li>» New GIS Deployment</li> <li>» CIS Data Integration</li> </ul>	\$70-95/hr.
<b>2. On-Going GIS &amp; On-Site Update Support</b> <ul style="list-style-type: none"> <li>» Work Order &amp; Repair Work Entry</li> <li>» Map Clean-up and Improvement</li> </ul>	\$70-95/hr.
<b>3. Esri Application &amp; Web Portal Configuration</b> <ul style="list-style-type: none"> <li>» Application (Work Force, Collector, Survey) Configuration</li> <li>» Web Portal Map Configuration</li> <li>» Esri Software Maintenance</li> </ul>	\$95/hr.
<b>4. Exports &amp; Integrations</b> <ul style="list-style-type: none"> <li>» Milsoft Export Configuration &amp; Testing</li> <li>» OMS Integrations</li> </ul>	\$95/hr.
Benefits	Rates
<b>1. Training</b> <ul style="list-style-type: none"> <li>» User &amp; Manager Introductory Class</li> <li>» Analyst Training (Annual 1-2 day Session) typically \$500</li> <li>» Administrator Training (Annual 1-2 day Session) typically \$500</li> </ul>	Free 50% Discount 50% Discount
<b>2. Esri / Microsoft Dynamics Development Tool</b>	\$165/hr.



WPPI Energy member utilities came together to investigate outage management strategies through the Outage Management Task Force in 2018. A comprehensive report of their findings and recommendations is available to view on the myWPPI member-only website here: [mywppi.wppienergy.org/OM](http://mywppi.wppienergy.org/OM)