

GENERIC SPECIFICATION FOR GE ENERGY AGGREGATOR SOFTWARE APPLICATION

2. PRODUCT

2.1 GE Energy Aggregator Software Application

- A. The application shall provide automated energy and other commodity usage reporting cost analysis, usage Dashboard, and usage billing. Usage information shall be accrued for energy, interval energy and other commodities, e.g., steam and gas.
- B. The application shall allow setup of provider information, including automatic email and report setup; multiple customers; multiple locations (facilities) for each customer; and multiple meters and commodities measured for each location. Up to 100 meters per location, 250 locations per customer, and 2500 meters total, across all locations and customers, in any combination, shall be supported by the application.
- C. The application shall support multiple simultaneous sessions on a remote Desktop Server.
- D. The application shall let the user create customized rate structures for any commodity at a location.
 - The user shall be able to create rates for:
 - i. Peak and Off-Peak hours
 - ii. Up to four seasons
 - iii. Weekends and weekdays
 - iv. Customizable holidays using a perpetual calendar that only needs to be set up once, after which the software will update the dates for the holidays
 - The user shall be able to add fixed charges and tax percentages that will be automatically added to the total commodity usage on the customer bill.
 - The user shall be able to set up coincidental Peak demand for a rate structure, so that Peak demand will be calculated and billed for based on a utility meter at another location.
- E. The application shall totalize the usage at a location and provide access to the aggregated (totalized) meter data in the usage Dashboard and reporting functions.

- F. The application shall automatically import energy and other usage data from logging GE EPM meters. The application shall work with meter log databases from the GE Communicator software applications, and shall also be compatible with third party applications that supply usage data.
- G. The application shall provide access to weather station information for locations to support analysis of temperature, humidity, and barometric pressure compared to energy and other commodity usage.
- H. The application shall provide customizable reports of energy and other commodity usage, usage cost, and peak demand.
- The user shall be able to save, print, copy, and export the usage reports to a file.
 - The user shall be able to set up automatic email of the reports to customers.
 - The user shall be able to print manual reports on demand.
 - Usage reports shall be customizable by selecting customer, location, meter, commodity, data, and time period.
 - Report capabilities shall include:
 - Monthly usage summaries
 - Monthly meter comparisons
 - Meter specific energy profile
 - Peak day profile
 - Peak week profile
 - Average hourly usage
 - Average daily usage
 - Comparisons to previous month
 - Comparisons to previous year
 - Report on weather and temperature impact on usage and peak demand
 - Customizable report template creation
 - The user shall be able to view current and previous reports in PDF format.
- I. The application shall provide a usage Dashboard, with graphic icons and clear screen text messages for easy navigation. The Dashboard viewer shall be easily accessible, through a graphic icon, from the editing portion of the application.
- The Dashboard viewer shall allow the user to compare usage, usage cost, and top demand for two meters. One of the meters can be the aggregated (totalized) meter.

- The Dashboard viewer shall allow the user to view the usage data on a daily, weekly, monthly, or yearly basis, or for a custom date range.
 - The Dashboard viewer shall allow the user to compare usage versus temperature, humidity, or barometric pressure, for one meter at a time.
 - The Dashboard viewer shall allow access to the editing portion of the application.
- J. The application shall flag any errors in the imported usage data, and shall allow the user to correct those errors. Any modified data shall be marked as such on bills generated from the data.
- K. The application shall be able to automatically generate monthly usage billing from the usage database.
- The application shall allow set up of automatic emailing of bills to customers.
 - The application shall allow the user to select the day of the month for billing.
 - The application shall allow the user to customize the bill with “due by” date, text, provider logo, and provider address.
 - The application shall also support manual bill generation through the user interface.
 - The application shall allow users to access current and previous bills in PDF format.
 - Bill generation shall be customizable, by selecting to generate bills for:
 - i. Individual customers
 - ii. All customers
 - iii. Individual locations
 - iv. All customer locations
 - Both usage, and cost based on rate structure, shall be totalized on the bill for all meters at a location. The user shall be able to subtract a meter’s usage from a location and assign it to another location for billing purposes.
- L. The application shall provide a log of all actions performed. The log shall give the user information on any errors, and allow the user to correct the errors and perform the action again.

- M. The application shall function in either a Client/Server structure (database stored on Server and Client computers having access to the data) or a standalone mode (database and application stored on the same computer). Installation of both structures shall be easily accomplished through the same installation program.
- N. The application shall be simple to install, taking, on average, no more than ten minutes for installation, and constructed so that it can be used by any skill level.
- O. The application shall have a graphical user interface with easy-to-use and clearly labeled screens. Tasks shall be accessible through multiple paths, i.e., buttons on a screen as well as pull-down menus from the Title bar. Descriptions of fields and functionality shall be presented on the user interface screens. There shall be a link from the user interface to an online manual. The manual shall explain thoroughly, in a straightforward manner, the steps needed to use all of the application features.
- P. The application shall be compatible with usage data from GE EPM 7000/7100, meters, EPM 9450/9650/9800/9900P meters, and EPM 4600 metering system with logging features.
- Q. Ordering Information:

Software Module	Description	Model Number	Details
GE Energy Aggregator	Energy Reporting Module	PLSOFT-ENAGG	Enterprise Energy Usage Reporting
GE Communicator Licensed Professional	Base Professional License Seat, one user. Includes MeterManager EXT automation component.	PLSOFT-COMS	Enterprise Meter Setup/Data Retrieval Software

* The GE Communicator v4.0 or higher Professional version with MeterManager EXT must be installed on the PC for the EnergyReporter EXT application to run.

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