GOSSEN METRAWATT

EPRW SOFTWARE

INTRODUCTION

This information sheet provides details of the simple to use Energy Platform Report Writer (EPRW) used to generate Energy reports from data recorded from an Energy Platform (EP1) instrument.

OVERVIEW of EPRW

The Energy Platform's Energy and Demand Report Writer (EPRW)application program is an intuitive, quick-to-get-answers report writer for the EP1 product energy instrument. The standard report is in RTF format for import into Microsoft Word or other word processing programs to customize, as well as the trend data exportable into CSV format for import into Microsoft Excel or other spreadsheet programs for additional analysis and graphing functions.

START-UP

The EPRW Setup application program will install the various software components from the CD EPRWx_xSetup.exe file. (Note: In this example EPRWx_xSetup.exe the "x_x" is the latest version available)

Once installed, clicking on the EP-Writer icon on your home page will launch the program in a new window. To begin, click on the blue arrow Start button in the tool bar on the upper left of the window.

LOWER TOOLBAR BUTTONS
This will open another window that is used to add one or more DDB files (the database from the EP1 instrument) to be converted into the report format.

To start a report, click on the ADD button, which will bring up a standard Windows FILE OPEN dialog box for files with DDB extension. One or more files can be opened sequentially to generate a report from several appended files from the same site if desired
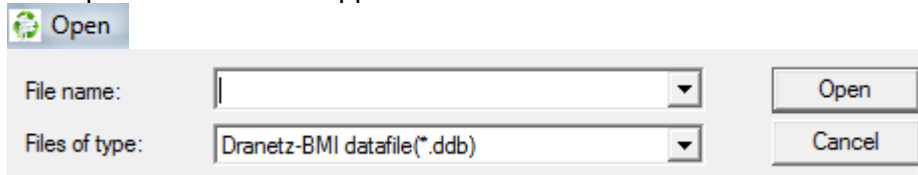
Once a file is opened, a timeplot of the VOLTAGE parameters will be displayed and additional buttons will appear as active in the lower tool bar, as shown below.

EXPORT is used to generate a CSV (comma-separated-values) formatted data file which can be read into EXCEL or other programs that accept such. A dialogue box allows the user to specify the delimiter, time format, and other related parameters. ALL journalled parameters from the instrument (including min/max/avg values where appropriate) will be included in columns in the spreadsheet. The horizontal rows will be each of the time stamps for the respective journalled values. If not all of the parameters are desired, those columns can be deleted in the spreadsheet program.

NEW will erased the existing data without closing the program, to go on to generating a report from another site's file(s).

CANCEL exits the program

START -- clicking on START in the lower toolbar will begin to run the report after all of the required files have been opened and loaded into the program. A window will open to allow the user to select either an automatic or custom method of report generation, along with allowing the user to narrow the time/date range of data to be included in the report, page numbering setup, inclusion/exclusion of channel D data, and the nominal voltage and frequency values can be overridden. This setup can be saved as a template for future use. Likewise, a previously saved template can be used to reload these setup parameters.
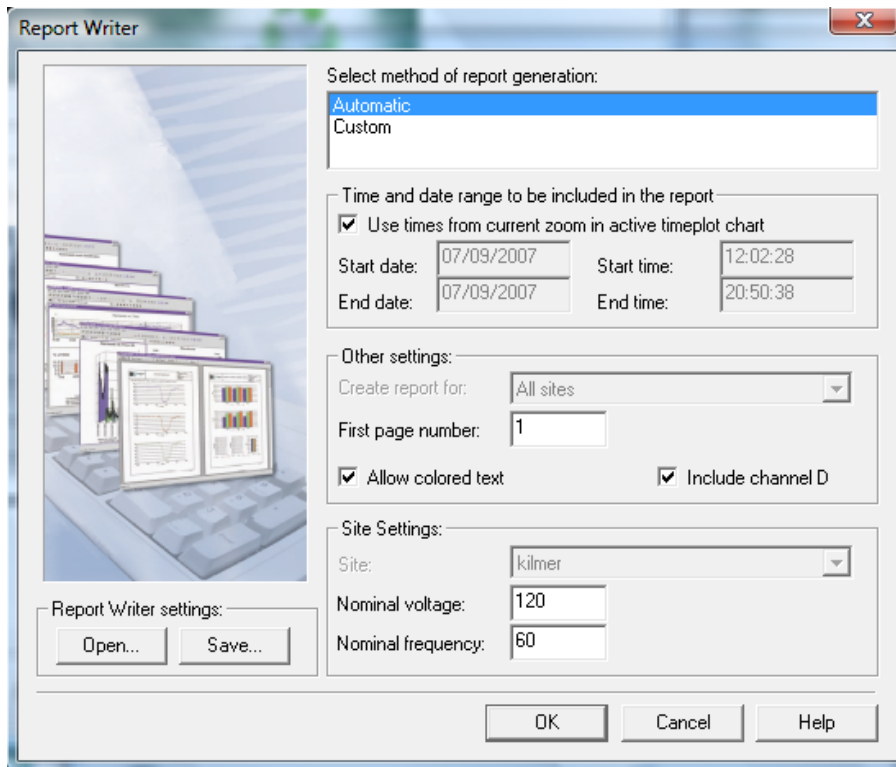
CUSTOM allows the user to change the order of the ENERGY & DEMAND tables and the TIMEPLOTS, as well as select other parameters from the default (V, I, Vthd, Dmd, Energy) to include in the report by opening additional dialog boxes.

AUTOMATIC will begin the Energy Audit setup. If the instrument used had the capabilities for such settings, then that saved instrument setup will be loaded as the default values, which can
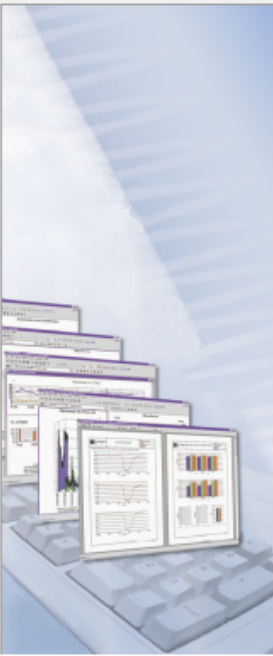
be subsequently modified if needed. Else, the user will enter the demand and energy rate schedules, including applicable start and ending times (and days of the week) for On-peak, Partial-peak, and Off-peak. Off-peak is the times not specified for On and Partial. If there is no Partial-peak interval, these values should be left as blank or 00:00 for both. In addition, the units (kW,kVA,kvar) and the associated costs for each of the intervals can be entered. If the BILLING DAY of the MONTH is known, it can be entered, along with the currency and tax rate. For determining the carbon footprint, the lb/kWhr or kg/kWhr can be entered. Consult your local energy supplier for the appropriate value, as it is based on the type of fuel or resource used to generate the electricity that is supplied to the site. This setup can also be named and saved to be recalled for future reports.

Suggested type of automatic report:

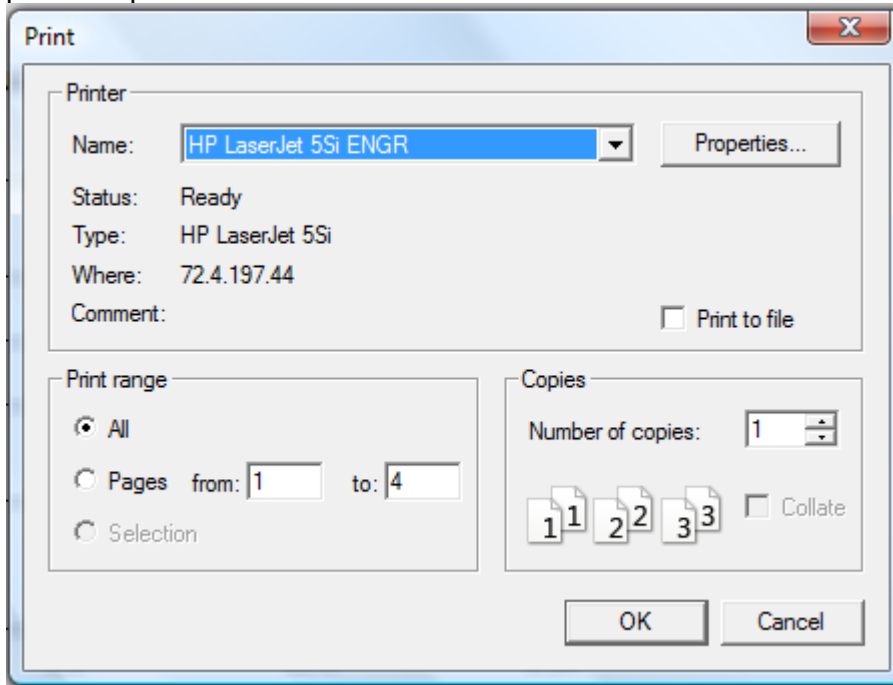Energy Audit   NEXT

UPPER TOOLBAR BUTTONS

START -- as previously mentioned, click on the blue arrow Start button in the tool bar on the upper left of the window to begin a new report.

PRINT -- opens a PRINT dialog box to select the printer and its properties, the pages to be printed, and how many copies. Additional functions, such as double sided copies, are printer dependent
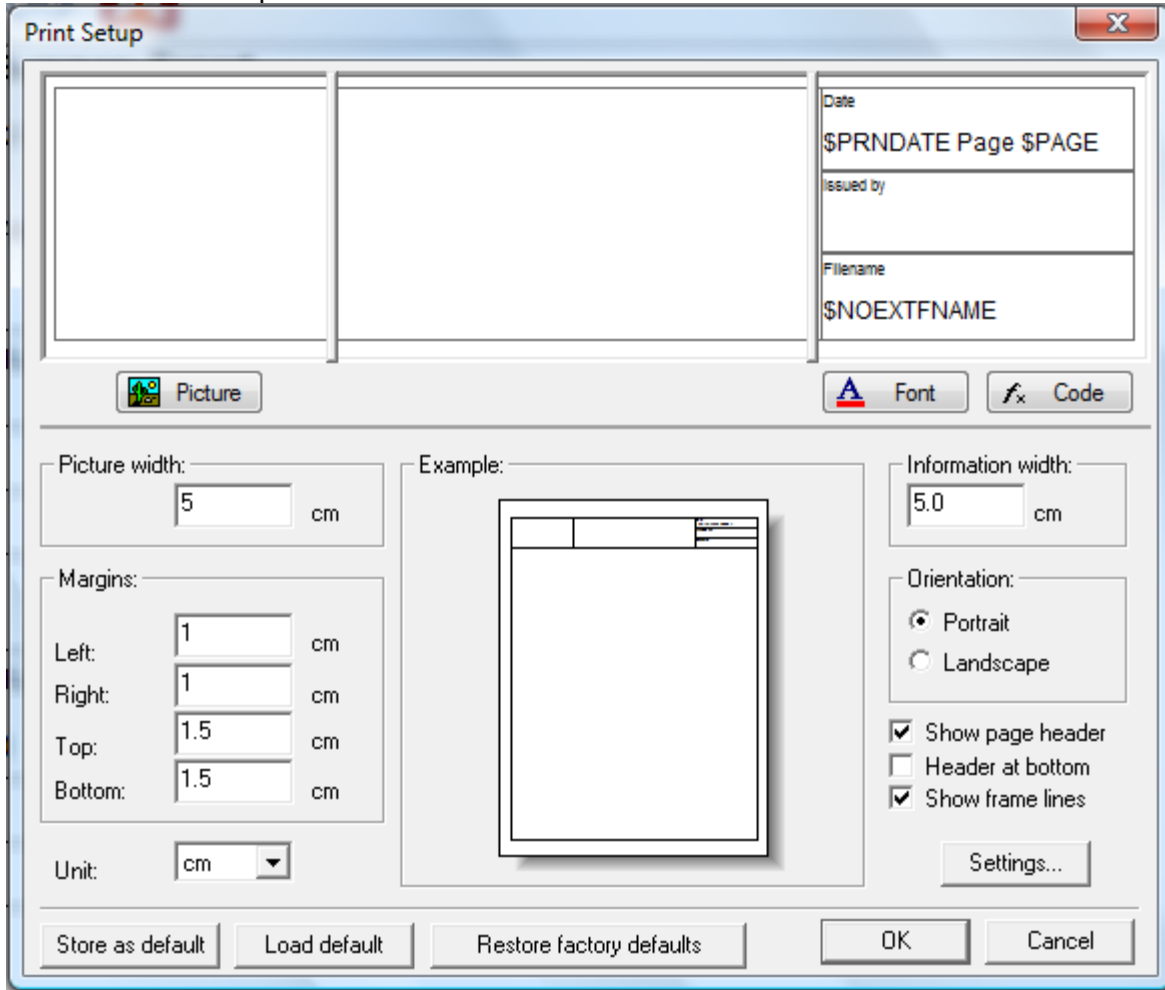

WORD -- launches MS-Word with report loaded in for editing.

PRINT PAGE SETUP - opens a dialog box to set up the page format (such as headers, footers, title boxes, landscape/portrait mode, color, and font. Pictures can also be embedded in the report.
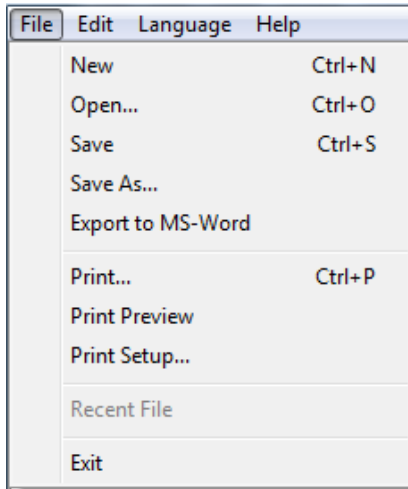

EXIT- closes the application. All data that has not been previously saved will be lost.
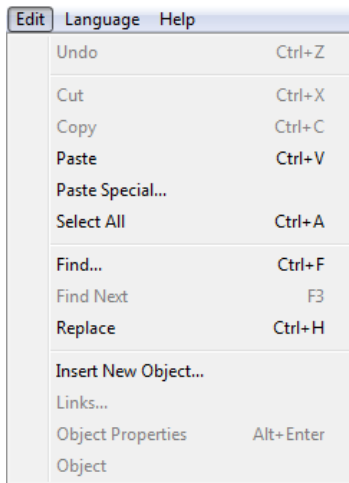
MAIN MENU COMMANDS

There are four menu selections that will cause pull-down menus to be displayed with additional functionality: FILE, EDIT, LANGUAGE, and HELP. Note that some of these commands can also be launched from other TOOLBAR BUTTONS.

FILE: Standard Windows-type commands, such as New, Open, save, Save As, Print, Print Preview, and Print Setup are invoked from here. In addition, the RTF report can be exported to MS-Word
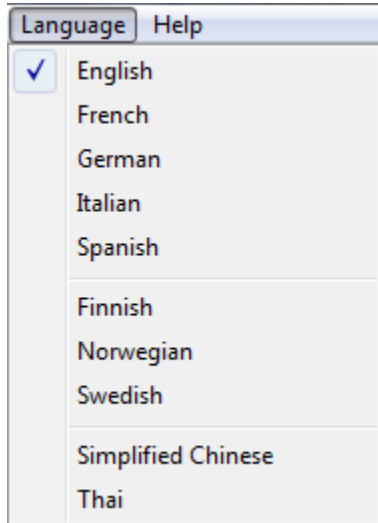
File	Edit	Language	Help	
	New		Ctrl+N	
	Open...		Ctrl+O	
	Save		Ctrl+S	
	Save As...			
	Export to MS-Word			
	Print...		Ctrl+P	
	Print Preview			
	Print Setup...			
	Recent File			
	Exit			

EDIT: Standard word processing commands, such as Cut, Copy, Paste, Paste Special, Select All, Find, Replace, and Undo can be invoked from this menu. In addition, an object, such as a picture or graphic image, can be inserted, and functions such as Links and Object Properties can be viewed and edited where applicable.

Edit	Language	Help	
Undo		Ctrl+Z	
Cut		Ctrl+X	
Copy		Ctrl+C	
Paste		Ctrl+V	
Paste Special...			
Select All		Ctrl+A	
Find...		Ctrl+F	
Find Next		F3	
Replace		Ctrl+H	
Insert New Object...			
Links...			
Object Properties		Alt+Enter	
Object			

LANGUAGE: allows user to select from one of the supported languages.

Language	Help
✓ English	
French	
German	
Italian	
Spanish	
Finnish	
Norwegian	
Swedish	
Simplified Chinese	
Thai	