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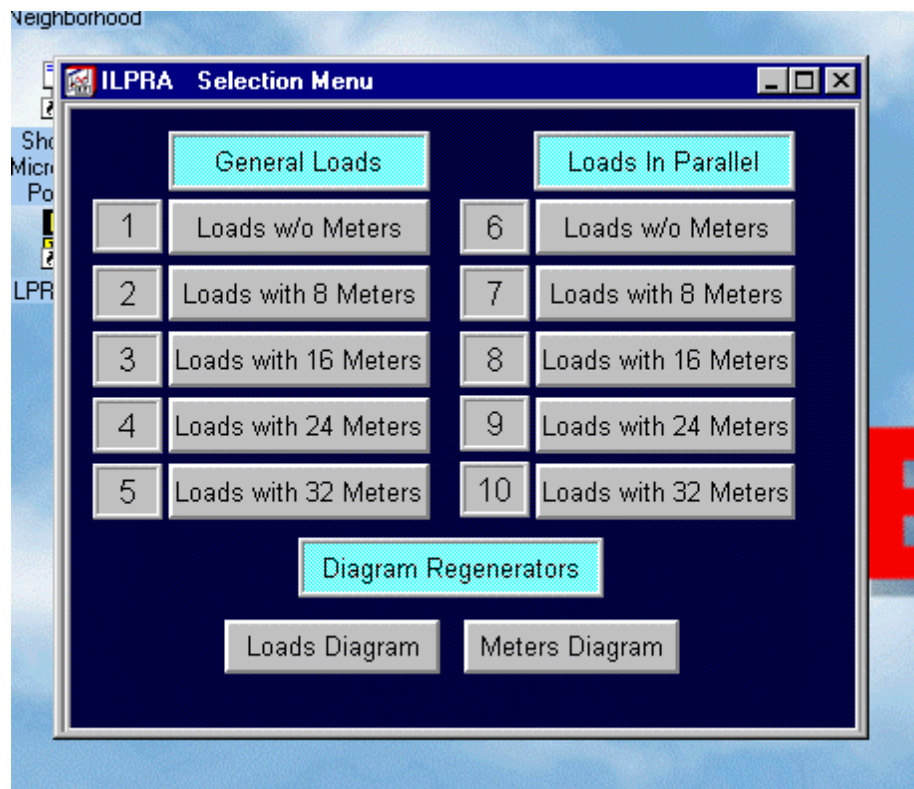
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## Battery Monitors

### General Presentation

The battery monitoring system of ELPRA is part of a complete charge, discharge and monitoring ensemble.

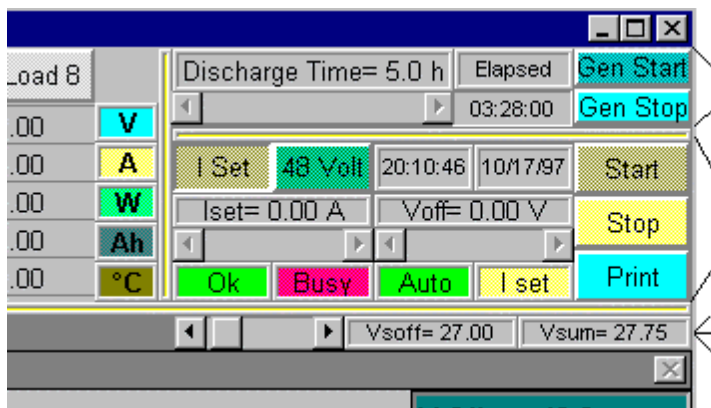
Many discharging intelligent loads and various meters for a per cell measuring system can be selected, as shown on the menu bellow.



## LOADS

The following parameters may be selected:

- Constant current or power discharge
- Per cell minimum voltage
- Current or power level
- Manual or automated start



# METERS

The software may present the following

Green = currently selected meter module  
 Grey dark = connected meter module  
 Grey light = not connected meter module

Sampling rate selection

The screenshot shows the 'Meter Display - ILPRA' application window. At the top, there are tabs for Meter 1 through Meter 8, with 'Meter 8' selected and highlighted in green. Below the tabs is a table with 8 columns (Ch1-Ch8) and 8 rows (Meter 1-Meter 8). The table contains numerical data for each channel. To the right of the table is a 'Sampling Rate' dropdown menu set to '10 sec'. Below the table is a 'Group selection' menu with four options: 'Group 1 - 8' (highlighted in yellow), 'Group 9 - 16', 'Group 17 - 24', and 'Group 25 - 32'. Below the menu is a graph titled 'Meter 8' with a y-axis ranging from 0.6 to 2.6 and a 'buffer' label at the bottom. The graph area is currently empty. The Windows taskbar at the bottom shows the Start button, DirectBUS, DDE rotation, ILPRA Smart Load..., Meter Display..., and system tray icons for En and 1:32 AM.

	Meter 1	Meter 2	Meter 3	Meter 4	Meter 5	Meter 6	Meter 7	Meter 8	
Ch1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.501	Volt
Ch2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.494	Volt
Ch3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.473	Volt
Ch4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.482	Volt
Ch5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.495	Volt
Ch6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.496	Volt
Ch7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.498	Volt
Ch8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.488	Volt