

# SEE-Tech Solutions Pvt. Ltd.

Solution Providers for Energy Conservation & Plant Safety Improvement

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[www.letsconserve.org](http://www.letsconserve.org)

## Area: Computer Programming

**Topic:** Draw energy balance graph using web-based technology “PHP”

### Problems and Issue:

It is required to draw and display energy balance (for all forms of energy being used) on a web-based platform. By having energy balance on internet many stake holders can access it and further energy conservation work can be carried out.

**Need:** Most of the equipments in the industries are common in various processes. Their inputs and outputs are defined. We can design the software solutions so that total energy balance of plant can be drawn in form of process flow diagram and energy balance can be carried out which can thus be monitored on continues basis.

### Expected Output:

1. Draw process flow sheet or section wise plant layout to depict energy consumption data
2. Energy balance should be seen section wise
3. Print and save graph as different image format
4. Zoom in/out graph function
5. Data Navigation