

## **Instructions for GEPDSS Software Installation**

**Major IMF Project Development – The New Software Tool Identifies Opportunities for Energy Savings in Galvanizing Lines.** The Galvanizing Energy Profiler Decision Support System (GEPDSS) model uses inputs such as energy costs, equipment energy consumption, materials life, and production and rejection information. It then yields information on energy consumption and production, and potential energy and cost savings, product losses, and productivity rates as a result of implementation of new materials. Results of the model have been verified through 5 galvanizing lines.

1. You can download this new software either from the CD provided to you or by visiting **[http://www.iofwv.nrcce.wvu.edu/industry\\_sectors/crosscut\\_areas/imf.cfm](http://www.iofwv.nrcce.wvu.edu/industry_sectors/crosscut_areas/imf.cfm)**.
2. Please follow the instructions to load this software onto your laptop or desktop computer.
3. Fill in the requested information on the various layered data sheets. Information you will be asked to fill in includes inputs such as energy costs, equipment energy consumption, pot hardware material failure, and production and rejection information.
4. The GEPDSS will then analyze the data and provide information on potential energy savings.
5. To obtain the results go to the index page and click on the links for graphs, production and rejection details, and economics.