Assignment 7
"Facility Planning/Plant Layout/Interior Space Planning/Energy & Utilities Management"

Learning Objectives:

1. To gain an understanding of how the planning of any component of an industry needs the involvement of facilities management personnel.
2. To understand how the management of energy and utilities is critical to an operating facility.

Task:

1. Click here to read the Lesson "Facility Planning/Plant Layout/Interior Space Planning".
2. Click here to read the Lesson "Energy & Utilities Management"
3. Once again, you are the Facilities Manager in a widget manufacturing plant. The Production Manager has just ordered a new machine that produces a widget (a sub-component of the finished widget) using high pressure and temperature. This equipment is approximately ten feet tall, five feet six inches wide, and 12 feet long. The old pneumatic "Widgerator" is 12 feet tall, eight feet wide and ten feet long. After the Widgerator is moved to an adjoining building, about 65 feet away, the new "WidgeMeister 2000" will be placed in the vacated space. In the Forum topic named Assignment 7 - Planning and Energy, Reply to Topic and prepare a report to your boss presenting: a) some issues that will need to be addressed to make this specific equipment swap (without copying and pasting, but certainly applying lesson material), and b) what energy issues this swap may create, and what opportunities it presents. After allowing time for some other students to post their issues, Reply to Message of one student providing additional information or relevant questions, and Reply to Message of another student addressing his/her energy issues. (One original posting, two replies minimum.) I can think of quite a few issues in part a) but you may need to do some thinking (yes, that is allowed in a graduate course) for part b). Yes, once again this is a vague, ambiguous assignment that allows you to think outside the widget and not be limited by pre-defined parameters.
Deadline:

Monday, 3 August, 7:59 a.m.

Grading:

Postings will be evaluated for applicability of material to situation

10 points (max.) for posting planning issues
10 points (max.) for posting energy issues
10 points (max.) for replying to planning issue
10 points (max.) for replying to energy issue

Click here to return to Calendar

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