

well in the program, but engineers do not find their intelligence insulted. Indeed, individuals from non-technical disciplines whose experience involves facility management also find the program to be helpful and appropriate to their needs.

Whether energy management is the sole function, or part of the accountability of a line manager, TEMOL provides the tools needed to carry out this function effectively. There are other key elements to an human resources focus in energy management, but TEMOL goes a long way towards creating the prime mover in the organization, the energy manager.

ABOUT THE AUTHOR

Doug Tripp is the executive director of CIET. He is a professional engineer holding masters degrees in engineering and education, and has devoted 30 years to technological education and training. CIET provides a variety of training programs, including TEMOL, to the IC&I sectors. More information can be obtained from CIET via its website: www.cietcanada.com, by telephone at 1-800-461-7618 or 416-410-2597.

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Job Description for An Advanced Energy Manager

Doug Tripp's article describes "TEMOL," a sophisticated training program for energy managers. What responsibilities will face them? A recent job opportunity, posted on the Internet, describes how extensive these responsibilities can be today. In this case, the energy manager's work required the ability to manage a \$ 15 million annual energy budget covering 100 buildings, numerous divisions, and a competitive environment. Here is the posted job description:

MANAGER (ENERGY CONSERVATION)

Department: Facilities Operations

Salary: Commensurate with experience

Description: Reporting to the director of physical plant, the incumbent:

- has overall responsibility for the development and management of university's energy use and conservation program; develops and implements both short and long-term programs;
- acts as the liaison with the university community in areas of energy use and conservation;
- provides information on energy consumption, policies, and conservation programs;
- works with departmental/school representatives, facilities operation and engineering personnel to develop conservation programs;
- collaborates with utilities systems personnel to optimize building operations; develops and monitors the utilities budget;
- identifies, reports and follows up on problems and reasons for energy-consumption changes;
- manages energy consultants engaged to assist the university in developing programs;
- reviews energy consumption reports for billing purposes;
- develops funding strategies for implementing energy conservation programs;
- coordinates grant and loan applications;
- works closely with various operations personnel to identify and

make recommendations for troubleshooting problems related to energy consumption;

- develops and maintains energy standards for buildings and ensures that new projects meet those standards; initiates procedural clarifications, modifications and improvements;
- communicates both verbally and in writing with the university community on a regular basis;
- performs other related duties as assigned.

Qualifications: Bachelor's degree or equivalent experience required. Five years' experience in energy conservation or related field necessary. Familiarity with building, mechanical and electrical systems required. Excellent communication and interpersonal skills necessary. Report writing abilities required.