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POWER TECHNOLOGIES INC	CORPORATE INFORMATION SUMMARY	BULLETIN PTI/1 Page 1 of 2
P.O. BOX 1058	SCHENECTADY, NEW YORK 12301	518 374-1220

Power Technologies, Inc. (PTI) is a consulting firm specializing in planning, design, and operating aspects of electrical power systems. The staff includes acknowledged experts in a variety of power system disciplines. The firm was organized to provide a source of advanced technical consulting services independent of manufacturing or construction interests.

THE STAFF

PTI staff is experienced in project areas where creativity, strong theoretical understanding, and practical application are equally essential. Through responsible roles in U.S. and international technical societies and standardization groups, they have worked closely with other industry experts in technical, economic, and environmental aspects of utility system development and operation.

The staff is under the technical direction of eight principal engineers:

Lionel O. Barthold	President
F. Paul de Mello	Dynamics & Control
Edward D. Eich	Underground Cable Systems
Dale E. Hedman	Transients and Insulation Coordination
Robert J. Ringlee	System Operation and Reliability
John M. Undrill	Analytical Methods Development
John C. Westcott	Power Generation
Del D. Wilson	Experimental Programs
Allen J. Wood	System and Corporate Planning

FACILITIES

Five in-house computer systems are maintained at PTI's Schenectady offices. Three are HP2120 systems used for dedicated applications serving one user at a time. The remainder are multi-user time-sharing systems manufactured by PRIME Computer, Inc.; they are used for program development work and support of large programs.

PTI has developed over 25 major computer programs capable of solving highly specialized problems in electrical, mechanical, and thermodynamic disciplines. Programs range in scale from detailed representation of specific power system components to load flow and stability of interconnected systems of several thousand buses. Key programs are interactive, permitting the user to monitor and control the solution as it progresses. All programs are available for use in studies or for lease to clients.

PTI leases a fifty acre site at Saratoga, N.Y. (near Schenectady) for research and experimental programs. A variety of projects is currently in progress at the site including underground cable and overhead line research.

CLIENTS

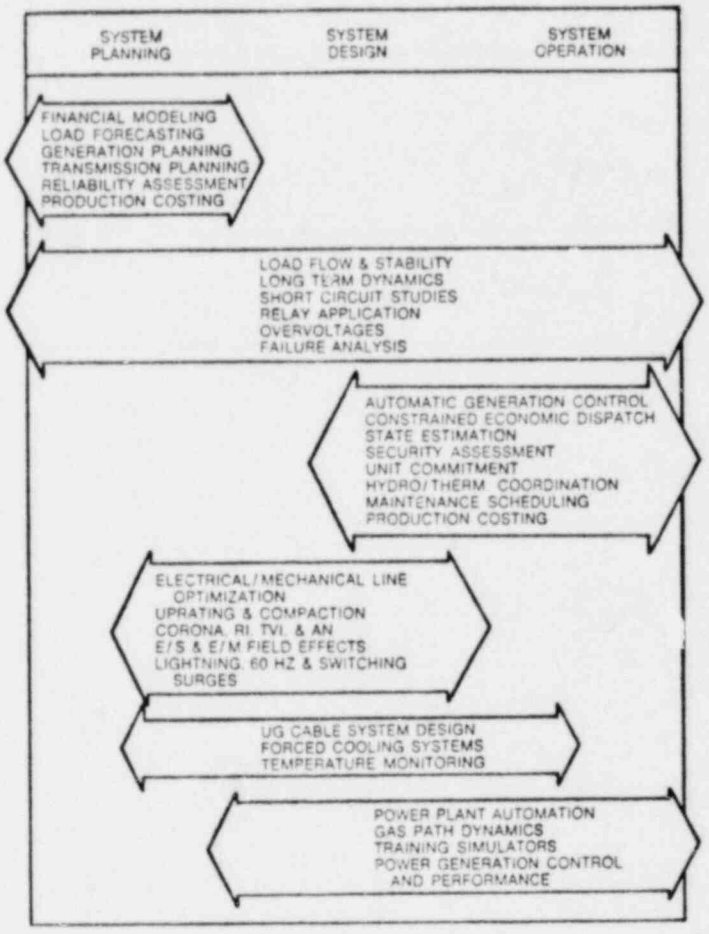
PTI clients include manufacturers, architect-engineers, government agencies, and over 100 public utilities in the U.S., Canada, Latin America, Europe, the Middle East, and Australia. Contracts which would compromise objectivity in system studies or specifications are scrupulously avoided.

N.D.

SERVICES OFFERED

The services offered by Power Technologies, Inc. include general consulting, organization and execution of technical studies, development of computer programs and solution techniques, research and experimental programs, analysis of equipment failures, and the conduct of educational programs. Special emphasis has been placed on enhancing the in-house capability of client companies.

AREAS OF COMPETENCE



CORPORATE DATA

PTI is entirely employee-owned and has grown rapidly since its founding in 1969. Professional staff at the close of 1977 numbered 48. Sales in 1977 were about $3.9 million. Individual projects have ranged in size from those requiring only several days' time to those exceeding ten man-years of effort.

Power Technologies International, Inc., a commonly-owned company, was established in 1971 to facilitate certain foreign projects. An affiliate of PTI, Projetos e Estudos de Engenharia, Ltda (PTEL) in Rio de Janeiro, Brazil was established in 1973. PTEL computer and program capabilities are closely coordinated with PTI's.

FOR FURTHER INFORMATION

Separate bulletins are available describing specific services, computer programs, and course offerings. A list will be supplied on request.

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