

*F*or over twenty years, KNE has been successfully advising transit and energy decision makers on matters relating to:

- Evaluating and deploying new clean energy technologies
- Improving operations and maintenance
- Managing complex projects

The Services KNE Provides:

- Feasibility studies
- Alternative analysis
- Value engineering studies
- Specification development
- Performance evaluations
- Maintainability studies
- Project management



Kay Nordstrom Engineering, Inc.

Experience in Clean Energy for both
Public Transit Vehicles and Power Plant Applications.

Representative Projects:

Evaluation of alternate fuel technologies for transit vehicles
Development of specifications for alternate fuel transit vehicles
Bus rapid transit systems (BRT) design and operational analysis
Project management of mid life overhaul of rail vehicles
On site engineering for installation of bio fueled, waste recovery power plant
On site engineering for installation and maintenance of fossil fueled and nuclear power plants

Why Hire KNE?

Competent and qualified. With the Company's 20 year track record of performance and 30 years of experience of the owner, KNE brings tremendous a knowledge base to your project

Flexible. KNE is able to quickly respond to the needs of its clients and changing needs of the projects.

Cost effective. With its lean and efficient operations, KNE can offer its clients quality services at lower cost.

What KNE wants to accomplish from this trade mission

1. Gain a better understanding of the market and how to do business in China and India
2. Find partners who are already established in market place and leverage complementary skills
3. Meet the decision makers in the clean energy field
4. Determine the timing and location of key opportunities
5. Position KNE for success in the market place

Kay is President of Kay Nordstrom Engineering, Inc. (KNE). KNE has successfully provided technical and management services to energy and transit clients for over twenty years. KNE's focus is assisting clients in the evaluation and deployment of clean energy technologies, improving operations and maintenance functions, and managing complex infrastructure projects.

Kay F. Nordstrom

Kay founded KNE after ten years as a Field Engineer and Project Manager for the General Electric Co. in its power generation and transportation divisions. She saw the need for a smaller firm that could quickly gear up to provide quality technical services needed by larger firms on energy and public transit projects. This strategy has served the company well and has enabled it to grow and diversify over its twenty year history. Kay would now like to expand the Company internationally and has chosen the U.S. Dept. of Commerce Clean Energy Trade Mission to China and India to locate partners and pursue opportunities in these exciting markets.

Some of the projects that Kay has been involved with in recent years have included an evaluation of alternate fuel technologies – CNG, hybrid diesel electric, bio diesel and fuel cells – for transit vehicles and development of technical specifications. She participated in the design of a bus rapid transit (BRT) for a large metropolitan transit system. She has been an advisor to a number of transit agencies on improving operations and maintenance functions.

Prior to forming KNE, Kay was a Field Engineer and Project Manager responsible for installation and maintenance of turbine generator sets in power plants. She installed turbine generators at the Shoreham Nuclear Power Station in Shoreham, New York. At the Hempstead Resource Recovery Plant, a plant that used refuse as fuel for the boiler and recovered metals, glass and plastics, she installed two 20 MW turbine generators. She conducted feasibility studies for potential hydroelectric generating facilities in New England.

For GE's transportation business, Kay was Project Manager on large transit car overhaul and new car assembly projects. These included orders to overhaul 196 cars for New York City Transit Authority, and overhaul of 75 and new car assembly of 56 cars for the Metropolitan Boston Transportation Authority.

Kay received her B.S. Mechanical Engineering from Cooper Union in New York City and an MBA from the University of Pennsylvania Wharton School of Business. She was a part time instructor of Mechanical Engineering at Pratt Institute in New York. Kay is a licensed professional Mechanical Engineer.

Kay has been a member of the Rotary Club for over ten years. She is also a member of a number of professional associations including the American Public Transit Association and the American Society of Mechanical Engineers.