

ERCOT Development

- Acquired development rights for 20 sections of project land in Texas.
- Managed interconnection applications for additional Company developments.
- Prepared construction estimates for other development projects within the Company.

Aug 1994 to
Dec 2001

Virtus Construction Company

San Antonio, TX

Organized, capitalized, and operated Virtus Construction Company, a commercial general contracting company. Responsibilities included bidding, contract negotiation, oversight of all company projects, and business administration. Total company contracted volume in excess of \$15 million in first five years of operation.

Wind-industry related projects performed by Virtus include:

Llano Estacado Wind Ranch™ at White Deer

- Scope of service included negotiation of subcontracts, schedule management, and cost control for fast-tracked construction of 80 MW wind power plant near Amarillo, TX.

Hueco Mountain Wind Ranch™

- Scope of service included interconnection, design, permitting, access planning, balance of plant procurement and construction, and installation of two Vestas V47s near El Paso, TX.

Llano Estacado Wind Ranch™ at Texico

- Scope of services included interconnection, design, permitting, balance of plant procurement and construction, and installation of single Vestas V47 near Clovis, NM.

Meteorological Towers on King Mountain and Southwest Mesa

- Scope of services included design, access planning, procurement, and installation of eight meteorological towers in support of initial wind power development in the Rio Pecos area of West Texas.

Jun 1992 to
Aug 1994

Nobe & Associates / Nobe General Construction

San Angelo and San
Antonio, TX

Project Engineer

- Lead for architectural, mechanical, and civil engineering projects with design budgets totaling over \$750,000.

Project Manager

- Primary estimator on over \$2 million dollars of contracts encompassing commercial, institutional, and civil work.
- Overall management of projects totaling \$400,000.
- Instrumental in increasing company construction contract volume from 1991 gross revenues of \$200,000 to over \$1 million signed in first three quarters of 1994.

Aug 1989 to **The University of Texas at Austin**
May 1992

Austin, TX

Graduate Research Assistant

- Designed and prototyped an automated system to blast clean and paint petroleum product storage tanks under research contract with the Construction Industry Institute.