



## Wind Projects

### Project Pictures



Wethersfield Wind Park



Mendota Hills Wind Park



West Texas Wind Plant

Chicago  
20 N. Wacker Dr., Suite 1500  
Chicago, Illinois 60606  
(312) 427-8486

St. Louis  
1400 Elbridge Payne Rd.  
Suite 100  
Chesterfield, Missouri 63017  
(636) 787-0032

[www.LDPgroup.com](http://www.LDPgroup.com)

Laramore, Douglass and Popham has built a solid reputation in the electric power industry since our beginning in 1937. We have done this by **consistently delivering successful projects that meet or exceed our clients' objectives via our sole focus on power delivery engineering and design.** Our professional staff of engineers and designers are well-seasoned in practically applying our experience to create designs that are constructible, cost effective, and on time.

Our wind power projects have continued this tradition of excellence. The project scope generally includes:

- **Collector System**
- **Collector Substation**
- **Utility Substation**
- **Transmission Intertie Line**
- **Site Communications Network**

### Project Highlights

- **Wethersfield Wind Park – Wethersfield, NY**  
Collector Substation – 34.5-230 kV
- **Flat Ridge Wind Plant – Medicine Lodge, KS**  
138 kV Transmission Line for WindConnect
- **Big Sky – Ohio, IL**  
Collector System Design – 11 circuits, 115 turbines
- **Mendota Hills – Mendota Hills, IL**  
Collector Substation Design – 34.5-138kV  
138kV Interconnect Transmission Line  
138kV T-Tap Transmission Utility Substation
- **West Texas Wind Plant – Culberson County, TX**  
Collector System Design – 34.5 kV  
Collector Substation – 34.5-138kV  
138kV Interconnect Transmission Line (28 mi)  
138kV T-Tap Transmission Utility Substation
- **Elk Horn Ridge – Bloomfield, NE**  
Collector Substation Civil, Structural and Electrical Physical Design for GE Energy
- **Goat Mountain Wind Ranch – 30 mi north of San Angelo, TX**  
Collector Substation Civil, Structural and Electrical Physical Design for GE Energy
- **Butler Ridge Wind Farm – Dodge County, WI**  
Utility Transmission Interconnect
- **Forward Energy Wind Farm – Dodge & Fond du Lac Counties, WI**  
Utility Transmission Interconnect
- **Cedar Ridge Wind Farm – Fond du Lac County, WI**  
Utility Transmission Interconnect



## Other Renewable Projects

### Project Pictures



West Texas Wind Plant



Ivanpah Solar Generating System



Ivanpah Solar Generating System

LDP's other renewable projects (solar, biofuel, biomass, biogas/microturbines, hydro, fuel cells) generally include engineering in addition to transmission and substation design. The project scope

- **Site Substation**
- **Utility Substation**
- **Transmission Intertie Line**
- **Balance of Plant (Electrical, Mechanical, Civil/Structural/Architectural)**
- **Instrumentation & Control**

### Solar Project Highlights

- **Ivanpah Solar Generating System – 60 mi west of Las Vegas, NV (in CA)**  
Preliminary Engineering Interconnect Study – includes analysis of transmission at 500kV, 230kV, & 115 kV  
Preliminary routing, substation layout, construction cost estimating

Chicago  
20 N. Wacker Dr., Suite 1500  
Chicago, Illinois 60606  
(312) 427-8486

St. Louis  
1400 Elbridge Payne Rd.  
Suite 100  
Chesterfield, Missouri 63017  
(636) 787-0032

[www.LDPgroup.com](http://www.LDPgroup.com)



## Renewable Energy References

### **Zeb Green**

Project Manager  
MICHELS CORPORATION  
(920) 721-9143  
[ZGREEN@MICHELS.US](mailto:ZGREEN@MICHELS.US)  
Wethersfield Wind Park

### **Jack Anderson**

Manager  
RMT  
(608) 662-5378  
[JACK.ANDERSON@RMTINC.COM](mailto:JACK.ANDERSON@RMTINC.COM)  
Flat Ridge Wind Plant

### **Jeff Norman**

Project Manager  
INFRASOURCE  
(630) 613-3300  
[JEFF.NORMAN@INFRASOURCEINC.COM](mailto:JEFF.NORMAN@INFRASOURCEINC.COM)  
Big Sky Wind Farm

### **Glenn Sampson**

Project Manager  
Noble Environmental Power  
(860) 581-5010  
[SAMPSON@NOBLEPOWER.COM](mailto:SAMPSON@NOBLEPOWER.COM)  
West Texas Wind Plant

### **David Ashworth**

Project Manager  
GE Energy  
[DAVID.ASHWORTH@GE.COM](mailto:DAVID.ASHWORTH@GE.COM)  
Elk Horn Ridge Wind Farm

### **Michael Great**

Project Manager  
GE Energy  
(630) 678-1283  
[MICHAEL.GREAT@GE.COM](mailto:MICHAEL.GREAT@GE.COM)  
Goat Mountain Wind Ranch

### **Joe Stanley**

Project Manager  
WorleyParsons  
(916) 817-3938  
[JOSEPH.STANLEY@WORLEYPARSONS.COM](mailto:JOSEPH.STANLEY@WORLEYPARSONS.COM)  
Ivanpah Solar Generating System

Chicago  
20 N. Wacker Dr., Suite 1500  
Chicago, Illinois 60606  
(312) 427-8486

St. Louis  
1400 Elbridge Payne Rd.  
Suite 100  
Chesterfield, Missouri 63017  
(636) 787-0032

www.LDPgroup.com