Governor’s Energy Summit
Energy Powering Economic Development

Pinnacle Wind Farm at NewPage
Project Update

December 6, 2011
Pinnacle Wind Farm at NewPage

- Project Size and Estimated Production:
  - 23 Turbines
  - 55.2 MW nameplate capacity
  - 35% net capacity factor (conservative)
  - 169,243,200 KWh/year
  - 169,243 MWh/year
  - Enough energy for about 14,000 households
  - $131M Capital Investment
Power Purchase Agreements (PPA’s)

- University of Maryland – \( \frac{2}{3} \text{rd of production} \)
- MD Dept. of General Services – \( \frac{1}{3} \text{rd of production} \)
Economic Impacts

- Real Estate Leases and Agreements
- Legal Counsel
  - Permitting
  - Real Estate
  - Transactional
  - 3rd Party Representation
- Engineering
  - Mapping & Design
  - ALTA Survey
  - Storm Water Plan
Economic Impacts

• Community Outreach
  – Meeting Facilities
  – Catering
  – Third Party Facilitator
  – Lodging & Travel

• Wind Data Collection
  – Meteorological Towers
  – Road Access and Maintenance
  – Data Management and Assessment
Economic Impacts

• Construction Activities
  – Contractor Office Facilities
  – Lodging of Personal
  – Local Good and Services

• Local / Regional Sub Contractors
Economic Impacts

- Timbering, Clearing and Grubbing
  - A.L.L. Construction, Inc. – Mount Storm, WV
Economic Benefits

• Disposal of Tree Waste
  – Grant County Mulch, Inc. - Arthur, WV
Economic Impacts

- Civil Work – Project Site
  - A.L.L. Construction, Mount Storm, WV
Economic Impacts

- Gas Pipeline Relocation / Encasement
  - CKS Pipeline Contracting, Jane Lew, WV
Economic Impacts

- Concrete Batch Plant for Turbine Foundations
  - My-O-Management Services – Oakland, MD
Economic Impacts

• Aggregate and Misc. Foundation Concrete
  – Fairfax Materials – Scherr, WV
Economic Impacts

• Transportation Route Improvements
  – A.L.L. Construction, Inc. - Mount Storm, WV
  – WV Paving, Inc. – Parsons, WV
Economic Impacts

• Transportation of Turbines
  – Tower Sections and Nacelles transported by barge - Port of Galveston, TX to Saint Albans, WV (Peerless Block & Brick Co. facility)
Economic Impacts

• Electrical Sub Contractor
  – W. R. Castell – Hopwood, PA
  • Installation of Switchyard and Sub Station
Economic Impacts

- Coordination with Local Community College
  - Eastern WV Community & Technical College
- Wind Technician Program
  - Provided Paid Internship – Two Students
  - Hired One Full-Time Wind Technician
Economic Impacts

• Jobs
  – Construction Jobs – Building Trades
    • 150-200 Construction Jobs (268 at peak)
  – Permanent O&M Jobs
    • 9 Jobs Currently (2 EME, 7 MHI)
  – Ancillary Jobs

• Taxes - Estimated
  – $433,000 avg. annual - property taxes
  – Among Mineral County’s Largest Taxpayers
    – likely the largest
  – State Income Tax: $475,000
  – State B&O: $120,000
Economic Impacts

- Community Benefit Fund
  US Wind Force Foundation, Inc.
  - $50k 1\textsuperscript{st} year (at Commercial Operation)
  - $10k 1\textsuperscript{st} year (earmarked for historic preservation)
  - $20k annually for the life of the project
  - $540,000 over 1\textsuperscript{st} 25 years of operation
  - Funding decisions - local “Allocation Committee”
Recent Activities

- 23 turbines installed
- Road Improvements to Local Roads
- Sub Station and Switchyard Completed
- Electrical Infrastructure Work Completed
- Community Outreach – 32 meeting to-date
- Coordination with Mineral County - Office of Emergency Services / 911
Looking Forward

- Turbine commissioning
- Commercial Operation by year-end 2011
Pinnacle Wind Farm at NewPage

THANK YOU!

www.uswindforce.com