



SEAWEST

WindPower for a clean future™

WPA / UWIG / NREL / NWPPA

Wind Energy for NW

Public Power:

Issues & Opportunities

April 23, 2001

Robert L. Sims

Agenda



- ◆ SeaWest Corporate Background
- ◆ SeaWest Capabilities
- ◆ Recent Projects

SEAWEST

WindPower for a clean futureSM

About SeaWest WindPower Inc.



- ◆ Founded in 1982
- ◆ Largest independent developer of utility scale wind power
- ◆ Over 175 employees
- ◆ Operations in US, Europe, and Latin America
- ◆ Privately Owned and Operated
- ◆ Customer Focused

SEAWEST

WindPower for a clean futureSM

Experience



- ◆ Developed over 600 MW (3000 turbines) of utility scale wind power since 1982
- ◆ Operate and Maintain 300 MW
- ◆ Vertically integrated
- ◆ Experienced staff of wind energy specialists

SEAWEST

WindPower for a clean futureSM



Core Business = Wind

- ◆ Turnkey Solution Provider
 - ◆ Site Selection
 - ◆ Turbine Selection
 - ◆ Site Development
 - ◆ Environmental and Use Permitting
 - ◆ Construction Management
 - ◆ Project Financing
 - ◆ Operation & Maintenance
 - ◆ Service & Warranty
 - ◆ Project Admin.. / Reporting

Independent Developer

- ◆ Customer Focused
- ◆ Independent turbine selection
 - ◆ Site Specific, “The best turbine for the job”
 - ◆ Project Economics
 - ◆ Negotiate Stringent Warranties
- ◆ Excellent working relations with leading turbine manufacturers
- ◆ Influential in turbine design and engineering
- ◆ Facilitate technology transfer



SEAWEST

WindPower for a clean futureSM

Lowest Life Cycle Cost

- ◆ SeaWest uses the lowest life-of-project cost per kWh for every project we build
 - ◆ Financial Structure
 - ◆ Maximization of Capacity Factors
 - ◆ Highest Availability Factors
 - ◆ Optimized balance-of-plant design
 - ◆ Maximization of manufacturer's warranty
 - ◆ Provide balance of plant warranty



SEAWEST

WindPower for a clean futureSM

Strategic Partnerships

- ◆ Electric Utilities
 - ◆ Power Purchase Contracts
 - ◆ Bonneville Power Administration
 - ◆ PacifiCorp
 - ◆ Xcel (Public Service Colorado)
 - ◆ SCE
 - ◆ Pacific Gas & Electric
 - ◆ Equity Investors
 - ◆ Cinergy Global Power
 - ◆ PacifiCorp
 - ◆ Eugene Water & Electric
 - ◆ Caithness Energy & Heller Financial
 - ◆ PG&E National Energy Group
- ◆ Turbine Manufacturers



SEAWEST

WindPower for a clean futureSM



The "Details"



- ◆ Developer
 - ◆ Resource Assessment
 - ◆ Land Acquisition & Permitting
 - ◆ Project Planning & Design
 - ◆ Wind Turbine Micro-siting
 - ◆ Utility Integration
 - ◆ Communications & Information Systems
 - ◆ Power Systems Design
 - ◆ Civil Engineering

SEAWEST

WindPower for a clean futureSM

The "Details"



- ◆ Developer
- ◆ Construction
 - ◆ Foundation Construction
 - ◆ Turbine Procurement
 - ◆ Turbine Erection
 - ◆ Utility Interconnection
 - ◆ Balance of Plant
 - ◆ Commissioning

SEAWEST

WindPower for a clean futureSM

The "Details"



- ◆ Developer
- ◆ Construction
- ◆ Project Finance
 - ◆ Construction Lending
 - ◆ Vendor Financing
 - ◆ Term Lending
 - ◆ Equity Investment
 - ◆ All Milestones Independent Engineer Certified
 - ◆ Tax & Emissions Credits

SEAWEST

WindPower for a clean futureSM

The "Details"



- ◆ Developer
- ◆ Construction
- ◆ Project Finance
- ◆ Operations & Maintenance
 - ◆ On-site Management
 - ◆ Financial Reporting
 - ◆ Contract Compliance
 - ◆ Service & Warranty

SEAWEST

WindPower for a clean futureSM



Recent Projects

- ◆ Completed 8 Projects in 1999-00

- ◆ Wyoming

- ◆ Foote Creek Rim

- ◆ PacifiCorp

- ◆ Bonneville Power Administration

- ◆ Xcel (Public Service of Colorado)

- ◆ California

- ◆ San Geronio Pass

- ◆ West Winds

- ◆ Pacific West I

- ◆ Tehachapi

- ◆ Cameron Ridge (Construction)

- ◆ Texas

- ◆ Southwest Mesa (Construction)



SEAWEST

WindPower for a clean futureSM

Current Activities



- ◆ Developing 4 projects in 2001 totaling 141 MW
 - ◆ MV-I & II, San Geronio 67 MW
 - ◆ Rock River-1 Wyoming, 50 MW
 - ◆ Condon, OR 24.6 MW
- ◆ Developing 2002-03 projects in several US states
- ◆ Continued international development

SEAWEST

WindPower for a clean futureSM

Summary



Independent Developer



Turnkey Solution Provider



Substantial Experience



Strong Partnerships

SEAWEST

WindPower for a clean futureSM

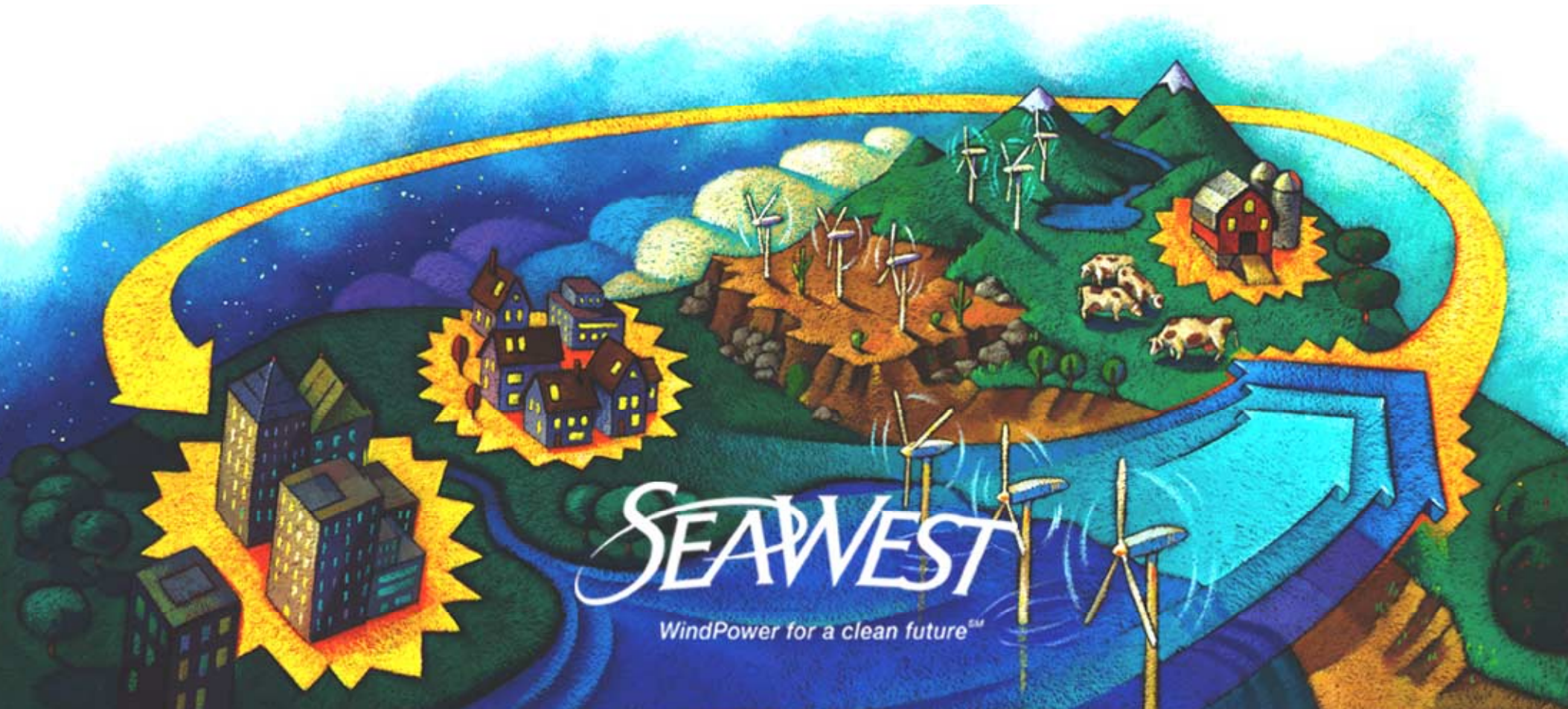
Thank You

SEAWEST

WindPower for a clean futureSM



Q&A



SEAWEST

WindPower for a clean futureSM