

New England Wind Energy Education Project

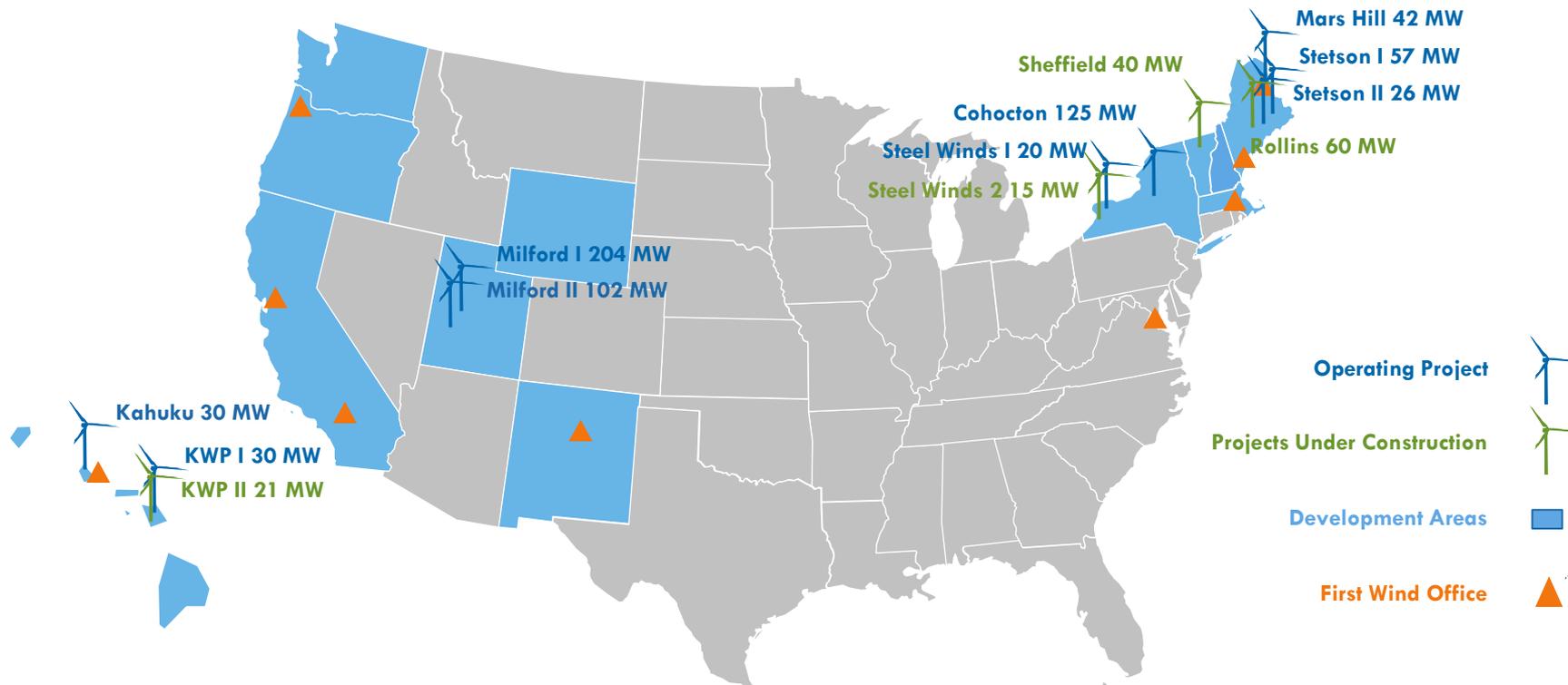
June 7, 2011



Presented by:
Ryan Chaytors – Development Director

First Wind: Overview

- Founded in 2002
- Focused on projects in our core markets: *Northeast, West and Hawaii*
- 636 MW installed capacity in operation

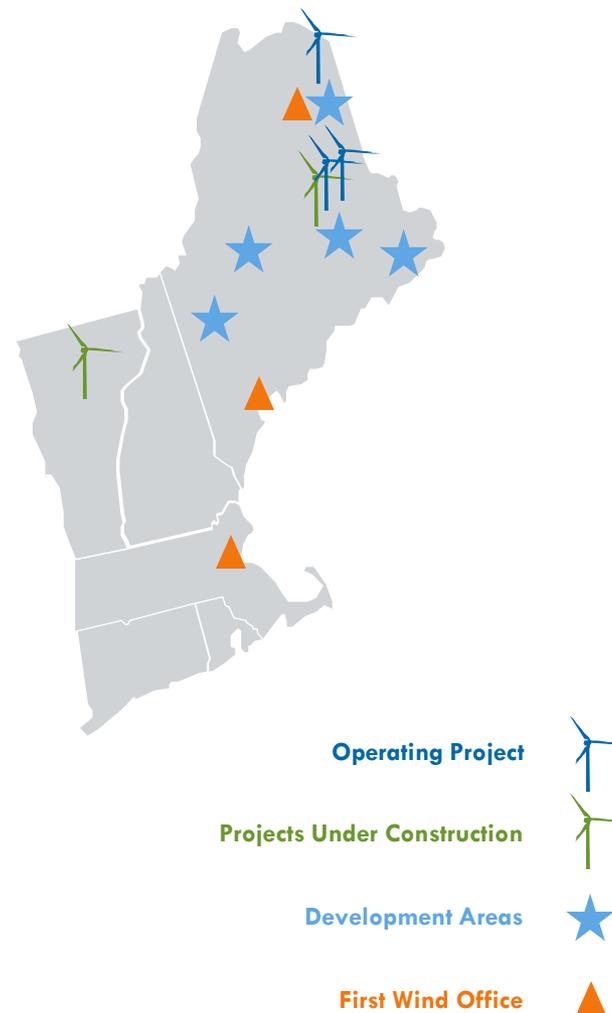


First Wind: Anchored in New England

- Headquartered in Boston
- Developed first utility scale wind project in New England : Mars Hill (42 MW)
- 195 employees; 100 based in New England
- 3 projects (125 MW) operating in New England; 2 projects (100 MW) under construction
- >500 MW in development pipeline

Near Term New England Development Projects

- Bingham – Bingham, ME
- Bowers – Carroll Plant., ME
- Bull Hill – Eastbrook, ME
- Longfellow – Rumford, ME
- Oakfield – Oakfield, ME





Wind Energy Economics Overview

Wind Energy Economics Overview

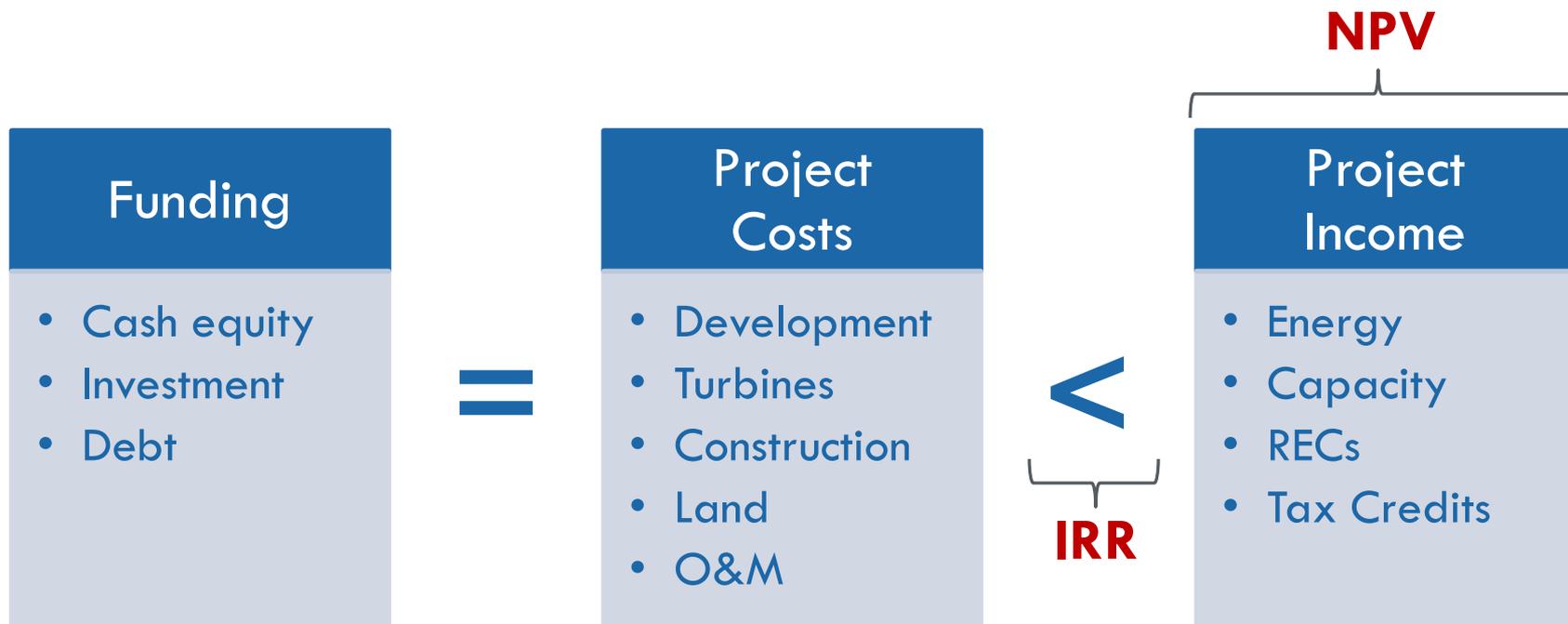
Financing and creating value from a wind energy project requires “bankable” cumulative project income which exceeds the inter-related costs of Capital, Development, Equipment, Construction and Operations.



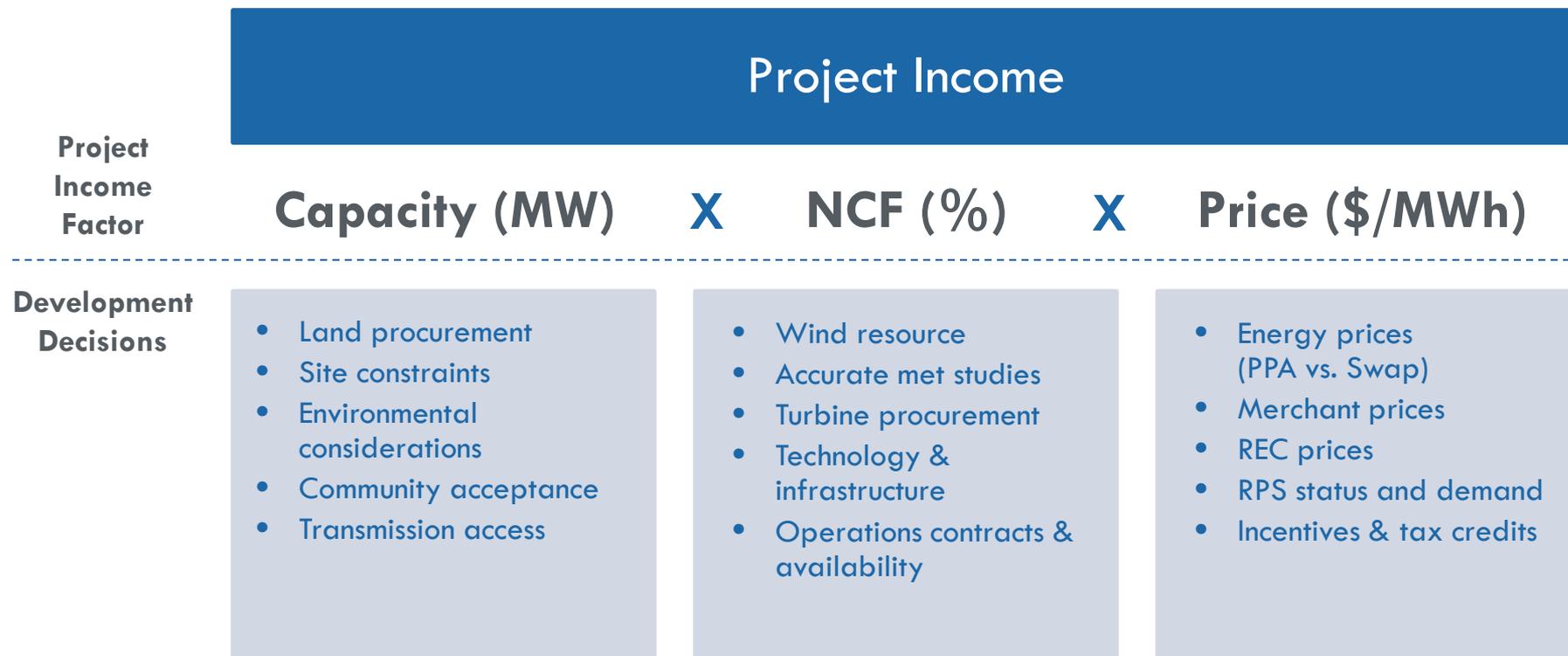
Key Economic Metrics

Net Present Value (NPV, in \$): Cumulative project value over time

Internal Rate of Return (IRR, as %): Incentive for project investment



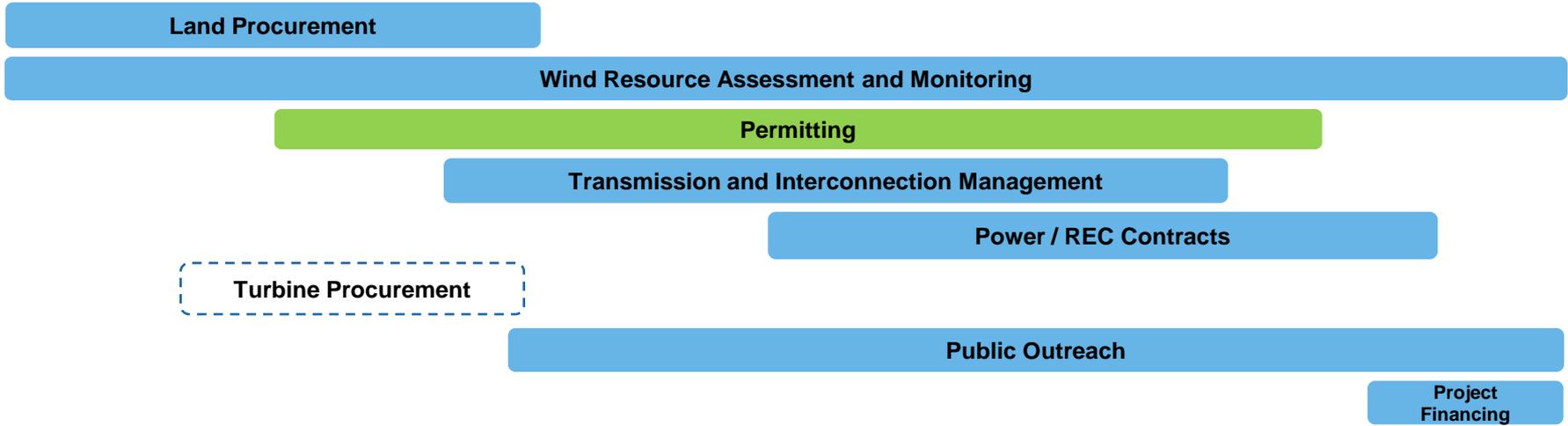
Development Decisions Impact Project Economics



Case Study: Rollins Mountain Development & Permitting



Rollins Development Timeline



Rollins Permitting Timeline





firstwind®

CLEAN ENERGY. MADE HERE.®

