## THE FUTURE OF RENEWABLE ENERGY IN NEW ENGLAND

#### **R.I. OFFICE OF ENERGY RESOURCES**





#### RHODE ISLAND'S CLEAN ENERGY FUTURE IS

## 

## 1000 MW BY 2020





## **138** MW

OPERATIONAL

#### NATION'S FIRST OFFSHORE WIND FARM



#### BLOCK ISLAND WIND FARM America's First Offshore Wind Farm

## **RENEWABLE ENERGY STANDARD**

#### Extended to **38.5%** by 2035



#### 20,000 JOBS BY 2020

#### 10,000 JOBS IN 2015



#### EXPANDING

### CLEAN ENERGY OPPORTUNITIES

#### **OPPORTUNITIES**

Renewable Energy
Growth program

 30 MW Virtual Net Metering for low/ moderate income

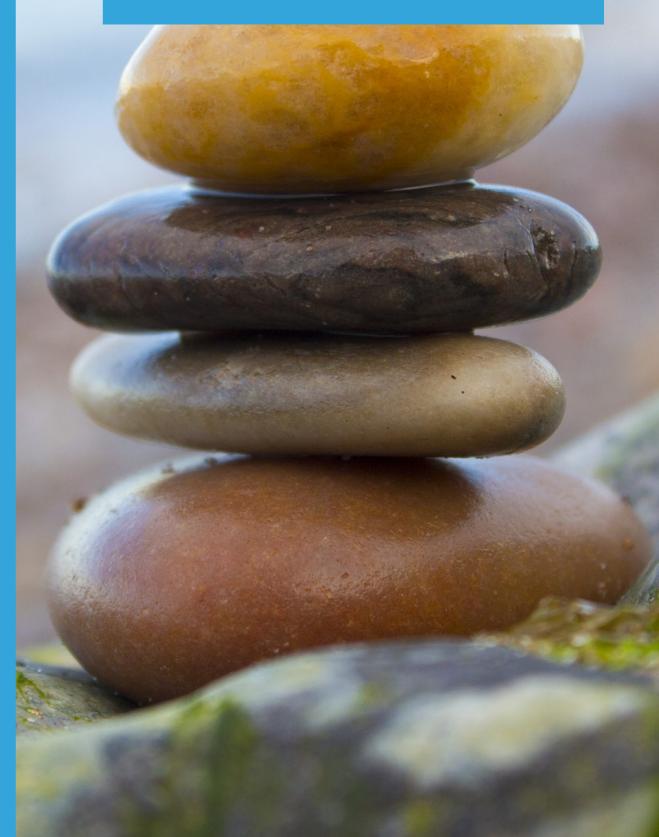
Third-party financing

Community wind/solar

- Local property tax exemption
- Statewide Commercial Renewable Energy
  System Tax Rate
- Extended Renewable Energy Fund to 2020

Statewide solar permit

#### **MARKET STABILITY**

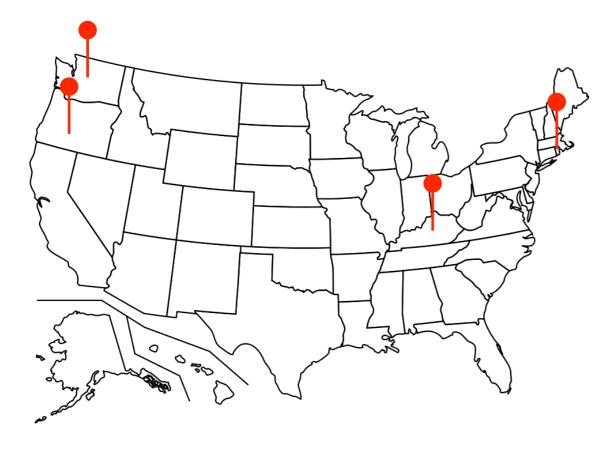


### **GRID MODERNIZATION**

### PATHWAYS TO NIMBLE GRID

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- Rhode Island selected for electric power academy
- Focus on grid modernization, resiliency and environmental stewardship
- Combined PUC/Gov Office/DPUC/ OER team

#### MULTI-STATE CLEAN ENERGY RFP

"...to identify projects that may enable parties in each state to achieve their respective state's clean energy goals more cost effectively than if each state were to proceed unilaterally..."



### **CLEAN ENERGY RFP RESULTS**



transmission lines proposed

**3,400 MW** incremental capacity out of ME, NY, Quebec

#### **GENERATION (MW)**

State	Solar	Wind	Storage	Fuel Cell	Hydro
Canada	0	0	0	0	1490
СТ	179	0	0	63	0
MA	90	0	0	0	0
ME	248	2141	50	0	0
NH	49	28	0	0	0
NY	0	1140	0	0	320
RI	156	0	0	0	0
Total	722	3309	50	63	1810

# LOO MW

Selected for the New England market

### **CLEAN ENERGY RFP RESULTS**

State	MW		
СТ	135		
NY	120		
NH	80		
ME	100		
RI	20		

### Solar ≈ 300 MW

#### Wind ≈155 MW

\*Values may not be additive due to rounding and confidentiality restrictions

# DISCUSSION