

# Transforming to Clean Energy Campuses – Case Study Perspectives from REV Campus Challenge Participants: SUNY ESF, SUNY Oneonta, and St. John Fisher College

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## **ABSTRACT**

SUNY ESF, SUNY Oneonta, and St. John Fisher College are REV Campus Challenge Members that are developing Energy Roadmaps to achieve energy and carbon reduction commitments. The Roadmaps are being shaped by near-term and long-term planning horizons in strategic areas of Energy Efficiency, Renewable Energy, Resiliency, Stewardship, and Engagement.

SUNY ESF and SUNY Oneonta are subject to Executive Order 166, pending BuildSmart 2025, as well as the SUNY Chancellor's Sustainability vision for SUNY. St. John Fisher College desires future energy supplies that are economically and environmentally sustainable, and for campus operations to be aligned with regional and local sustainability initiatives.

Each campus is uniquely identifying feasible options to decarbonize energy supplies and incorporate renewable energy. This panel will share insight on their clean energy goals/commitments and the planning approaches used for developing their Energy Roadmaps, including the following aspects:

1. Establishing a vision and guiding principles for a low carbon campus footprint
2. Engaging stakeholders and aligning with discrete campus capital projects and other important campus plans (e.g., Facilities Master Plan)

3. Assessing the potential impact of net zero energy buildings and building electrification
4. Using energy modeling scenario planning to provide feasibility level considerations to establish integrative path forward approaches for low carbon energy supplies such as low temperature hot water, geothermal, thermal storage, and biomass/biofuels
5. Considering implementation aspects such as the remaining life of existing energy assets, building gut renovation plans and schedules, fossil fuel switching strategy, and the potential impact of building electrification.

This presentation aligns with United Nations Sustainable Development Goals 7 Affordable and Clean Energy and 13 Climate Action.

## **BIOGRAPHY**

Rob Neimeier 28 years of environmental and energy consulting experience with OBG, a Ramboll Company. As Director, Energy Efficiency and Planning, Rob provides program and project management to public and private institutions with energy reduction and climate action goals under NYS and NYC Executive Orders, voluntary commitments, and the NYSERDA REV Campus Challenge. His technical experience includes facilitated stakeholder engagement, energy efficiency audit management, climate action planning, and energy master planning.