

List of Potential OneSTL Regional Climate Summit Presentation for Business Track

Comprehensive Energy Management (Energy Supply/Managing Energy Demand)

- Business Decarbonization: Goals, Planning and Preparations
- Creating and Implementing a Net Zero Roadmap for your Business
- Demand-side vs. Supply-side management (i.e. managing usage vs. managing supply of energy)
- Using Sustainability as a Business Differentiator

Innovative Projects in the Region

- Innovative projects or developments that address sustainability, climate change mitigation/adaptation, circular economy or energy consumption in the St. Louis Metropolitan Area
- Unique ways businesses and partnerships can make the region better

Energy Supply

- Energy Landscapes for Businesses-- Illinois vs. Missouri
- Renewable Energy 101
- Where does your energy come from? - Comparison of Supplies and Source

Financing

- Financing energy efficiency with Incentives, PACE, 179D/ Tax Credits, Loans and Grants
- Working with Landlords: Green Leases and other tools to help finance clean energy investments
- Clean Energy/Efficiency Investing 101 -- Building your Capital Stack for Sustainable Investments

Managing Energy Use

- Innovations in Adaptive Reuse in Business Operations.
- Unique building challenges and opportunities -- Historic Buildings, Passive Buildings, Campuses and Multisite operations.
- Measuring and Analytics -- the Importance of Submetering to Know Your Buildings
- Active Energy Management -- Enhancing Your Reliability/ Resiliency through Demand Flexibility

Transportation

- EV Charging for your employees
- Integrating Your Fleet with the Grid
- Fleet Conversion for Business (examples and process)

Workforce Development

- Health and Safety for Employees (Sustainable Practices to Improve Employee Health, Business Environment and Operations)
- Workforce Expansion and Development to meet the needs of Tomorrow
- Change Management as a profession and accelerating the norm of doing business.

- Integration of Green Workforce... Transferrable skill sets from Yesterday, here Today and for Tomorrow.

Trends/Impact of Climate Change on Business

- Climate Risk analysis and management
- Innovative Approaches to Scope 1, 2, 3 Mitigation
- Climate Adaptation for Business Success and Risk Management

Meeting Standards (Rules, Regulations and Certifications)

- Building Energy Codes -- Illinois vs. Missouri/State vs. Municipal
- Permitting and Environmental Compliance -- Engaging Channels from City to State
- Greenhouse Gas Reporting Requirements
- St. Louis Building Performance Standard -- Lessons Learned and Next Steps

Artificial Intelligence/Data Centers

- How to manage IT costs and operations
- Heat Displacement and re-use -- How waste for one business has value for another
- Artificial Intelligence in the Energy Supply Chain
- Smart Data Center/IT design and operation

BESS (Battery Energy Storage Systems)

- Energy Storage 101
- Optimizing Renewable Energy with Storage
- Using Microgrids and BESS to optimize resiliency and reliability of operations.