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<td>Project Title:</td>
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<td>Presentation - New York State Industrial Sector</td>
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<td>Description:</td>
<td>S1.2B Patrick O’Shei, NYSERDA</td>
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<td>Filer:</td>
<td>Raquel Kravitz</td>
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<td>Organization:</td>
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New York State Industrial Sector

Patrick O’Shei
Director of Market Development
Industrial Sector
Net Energy Consumption

- Petroluem Products: 28%
- Natural Gas: 36%
- Coal: 4%
- Bioenergy: 9%
- Electricity: 23%
Industrial Sector Emissions

Emissions for Onsite Fuel Combustion & Process Emissions*

> Nonmetallic Mineral Products (36%) 1.6 mmt CO$_2$e/yr
  • Cement the primary driver (28%)
> Pulp/Paper Products (25%) 1.0 mmt CO$_2$e/yr
> Primary Metals (17%) 0.7 mmt CO$_2$e/yr
  • Iron & Steel, Primary Aluminum
> Chemicals 0.4 mmt CO$_2$e/yr
> Other 0.4 mmt CO$_2$e/yr
  • Semiconductors
> Food & Beverage 0.2 mmt CO$_2$e/yr

*Source: NYS Department of Environmental Conservation, 2019 Data Assessment Report Industry Emissions Profile
Note: Only includes sites required to report to NYS DEC
Industrial Energy Efficiency & Decarbonization

Current Activities

> Emission Reduction Grants
  • Commercial & Industrial Carbon Challenge

> Technical Assistance
  • FlexTech
  • Strategic Energy Management
  • On-Site Energy Manager

> Innovation Programs
  • Carbon to Value Accelerator
  • Carbontech Development Initiative
  • Low-Carbon Fuel Scale Up

> Utility Collaboration & Incentive Programs

Planned Activities

> Multiple strategies recommended by Climate Action Council Advisory Panels are being considered (climate.ny.gov)

> Low-Embodied Carbon Concrete Procurement bill passed by NYS Assembly & Senate