

THANK YOU REV2024 SPONSORS!



Vermont's Clean & Renewable Electricity

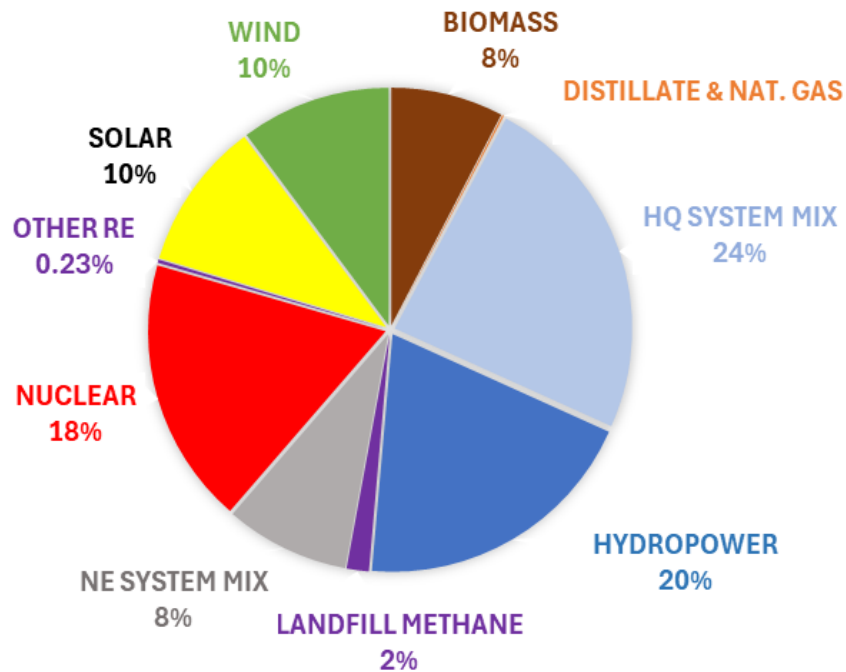
REV Annual Conference
October 16, 2024

TJ POOR, DIRECTOR OF PLANNING
DEPARTMENT OF PUBLIC SERVICE



Vermont's Physical Electricity Supply Portfolio 2023

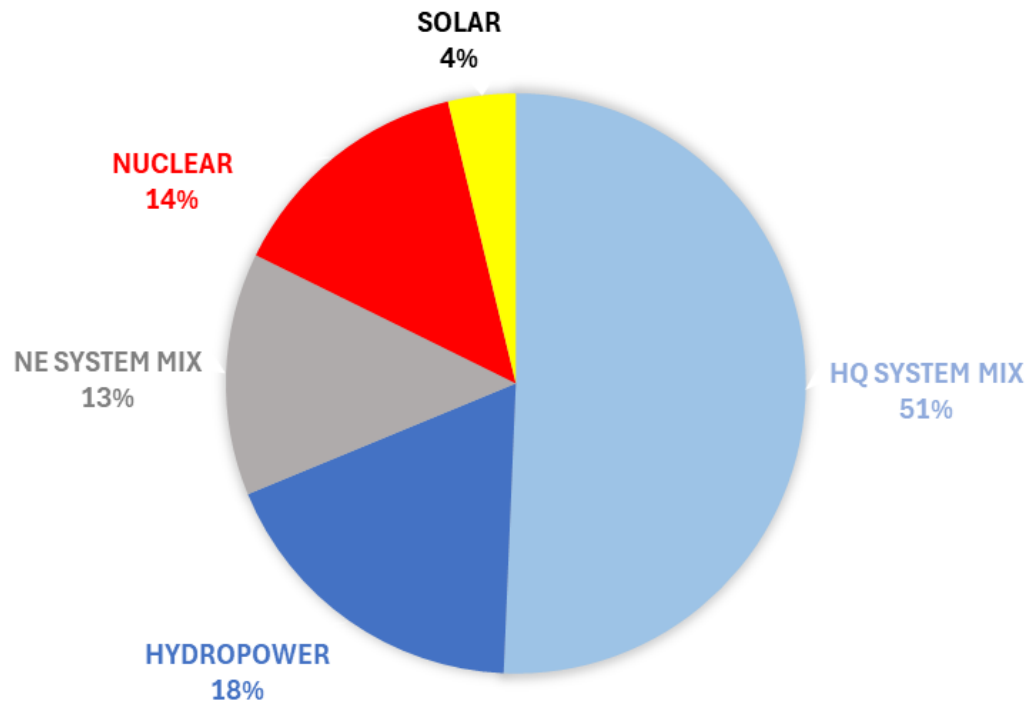
VT UTILITY 2023 PHYSICAL MWH DELIVERIES (% MWH)



- Total Power Supply Ownership & Entitlements
 - Source: 2023 RES Compliance filing # 24-0775-INV
- Total Physical MWh Deliveries: 5,757,079 (1.7% decrease from 2022)

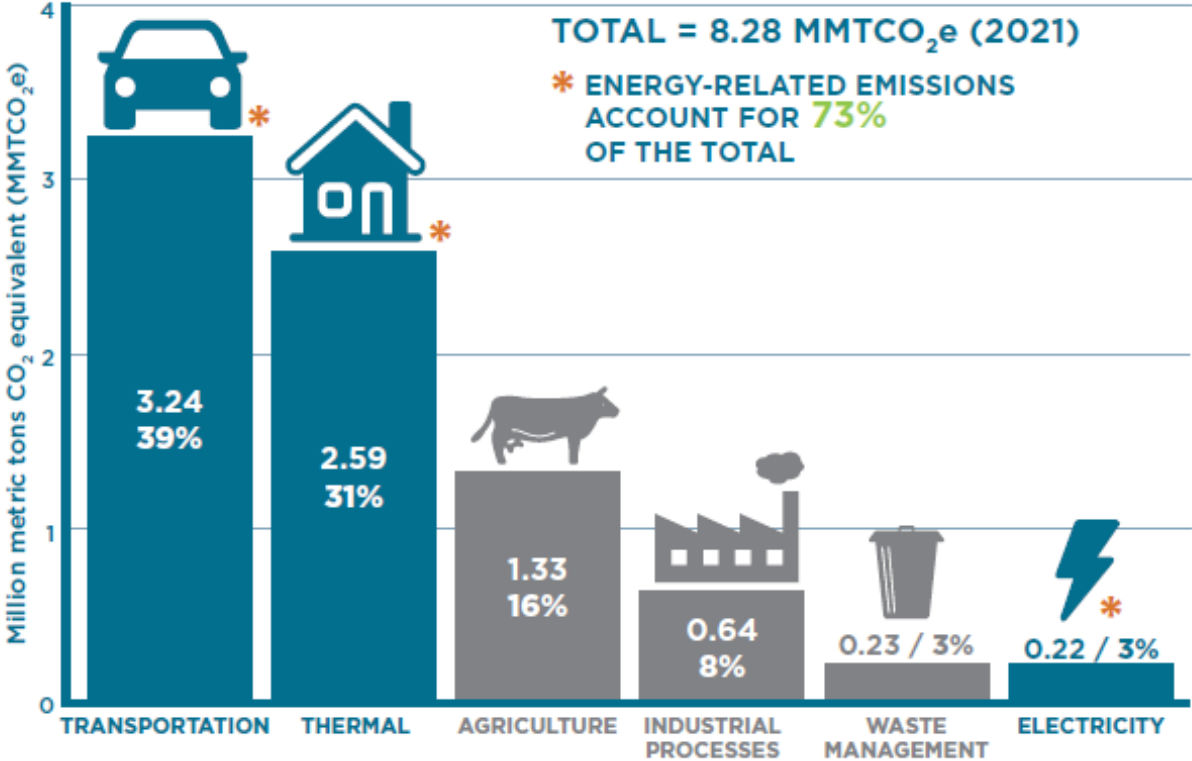
Vermont's Electric Supply Portfolio – 2023 Based on Renewable Energy Credit Retirements

VT UTILITY 2023 POST REC MIX (% MWH)



- Attributes Retired as a % of Total Physical MWh Deliveries
- Source:
 - RES Compliance Filing # 24-0775-INV

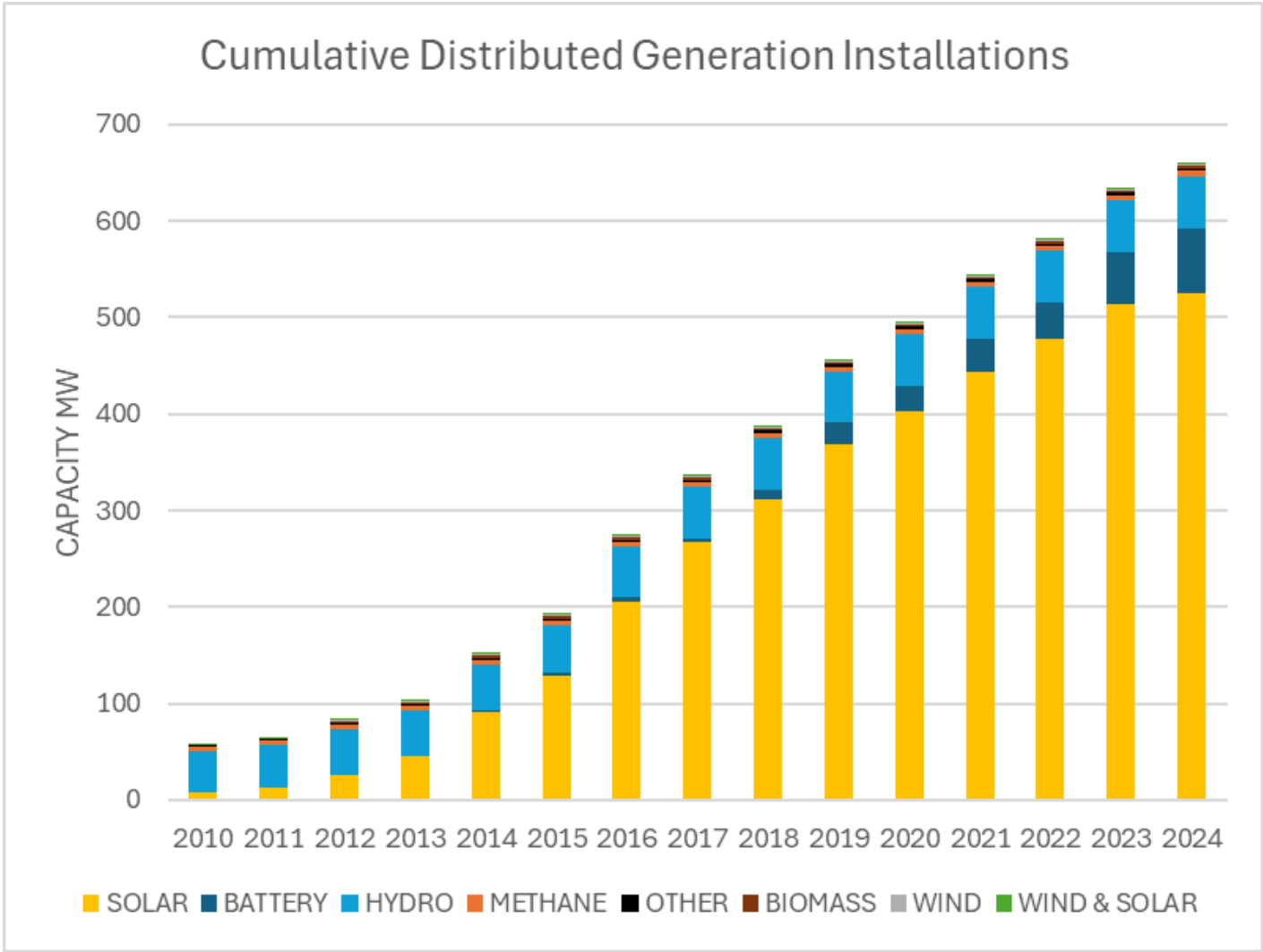
Vermont's in-boundary GHG emissions by sector, 2021



Sources: Vermont Agency of Natural Resources, "Vermont Greenhouse Gas Emissions Inventory and Forecast: 1990-2021," 2024. **Note:** A small amount of emissions from the "fossil fuel industry" category (i.e., fugitive emissions from fossil gas pipelines in VT), accounting for 0.03 MMTCO₂e of Vermont's overall emissions in 2021, does not show up on this graph.

Vermont's Electricity Portfolio is Low-Emitting

Graphic: Energy Action Network [Annual Progress Report](#) September 2023

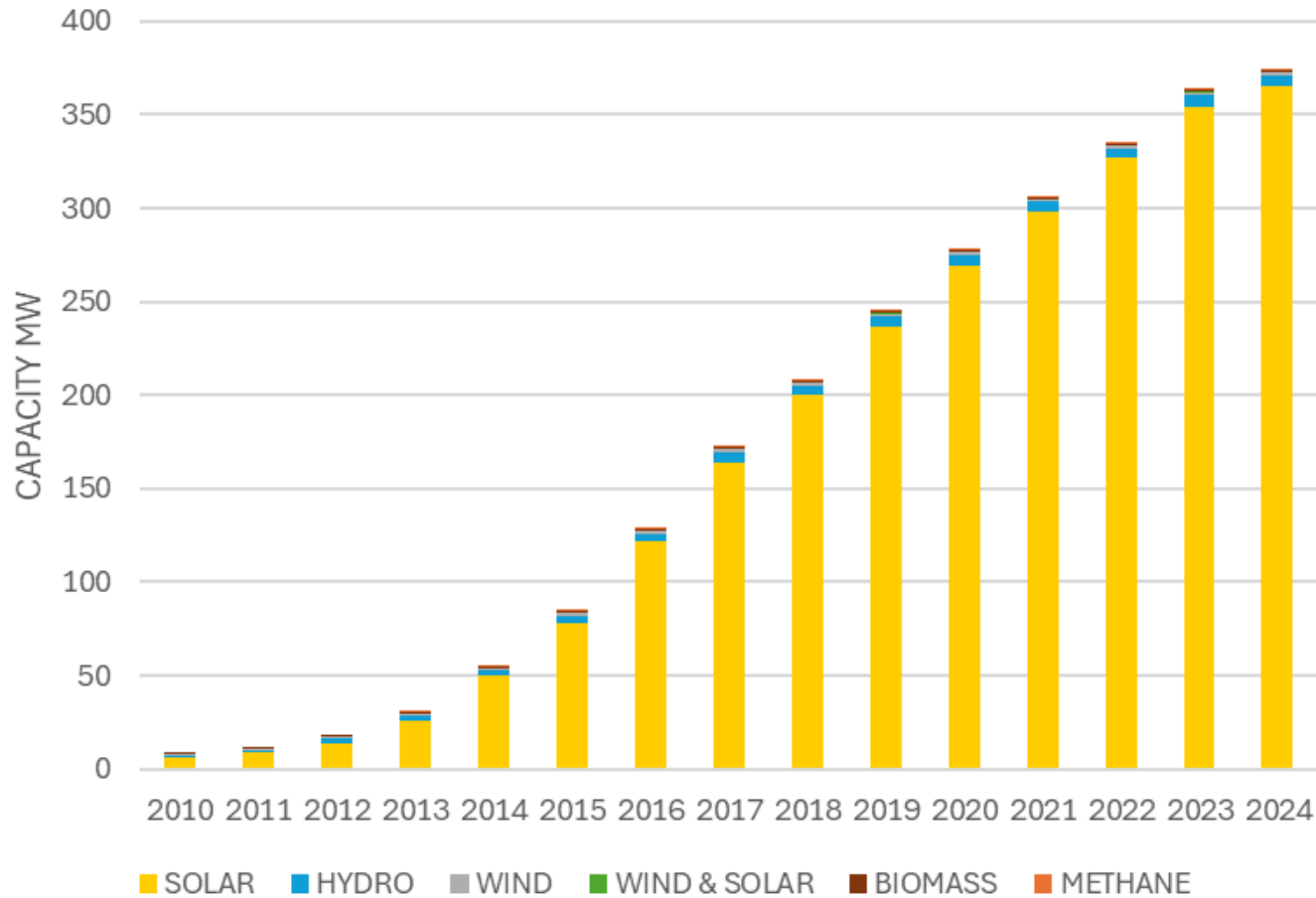


Distributed Generation Installations

**Derived from utility monthly DG resource surveys to ISO-NE and includes data through September 2024*

**As of August 2024, VT overall distributed generation penetration was ~ 659 MW, with PV penetration comprising ~ 525 MW of that amount.*

Cumulative Net-Metering Installations by Technology

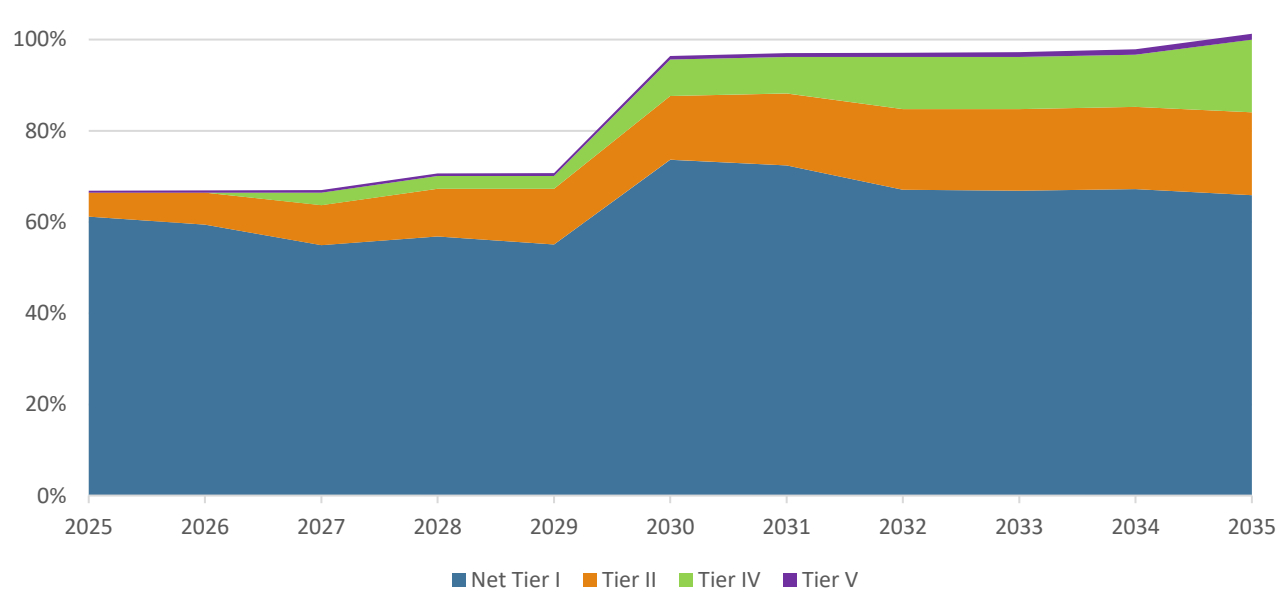


Net-Metering Installations

**Derived from utility monthly DG resource surveys to ISO-NE and includes data through August 2024*

Act 179 – New RES Requirements

Vermont Renewable Energy Standard Requirements



Year	Tier I	Net Tier I	Tier II	Tier IV	Tier V
2025	66%	61%	5%	0%	0%
2026	66%	59%	7%	0%	0%
2027	66%	55%	9%	3%	1%
2028	70%	57%	11%	3%	1%
2029	70%	55%	12%	3%	1%
2030	96%	74%	14%	8%	1%
2031	96%	72%	16%	8%	1%
2032	96%	67%	18%	11%	1%
2033	96%	67%	18%	11%	1%
2034	97%	67%	18%	11%	1%
2035	100%	66%	18%	16%	1%

Act 179 Report i.e. Group Net- Metering Successor Program

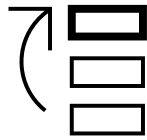
Act 179 of 2024 created a sunset date for the virtual group net-metering program and task the Department with developing a report to:

- Propose and prioritize recommendations for a replacement program based on impacts to Vermont's frontline & impacted communities, with a focus on affordable housing and manufactured home communities
- Informed by discussions of:
 - Current utility programs to serve income-eligible customers
 - Progress connecting affordable housing with solar
 - List funding sources for solar and other energy-related projects benefiting affordable housing and customers with low-income
- In consultation with distribution utilities, affordable housing funders & developers, the PUC, the Office of Racial Equity

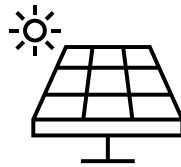
Act 179 Report

i.e. Group Net-Metering Successor Program

To support this effort, the Department has convened a three-part meeting series with a diverse array of perspectives to discuss:



Discuss prioritization criteria & define key concepts



Review models to connect communities with solar



Brainstorm what current programs do well, identify gaps to address

The Department is current drafting the report based on these conversations and related data requests and expects to issue a draft for public comment in **November**.

The report is due to the legislature January 2025.



Thank You!

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