
Tompkins County Energy and Sustainability Efforts 2000-2018

Note: Not an exhaustive list. Please send additional items and updates to dkiley@tom-pkins-co.org.

Updated as of: 7/29/2019

2000

1. **Solar:** First solar project - 147 kW photovoltaic system installed on roof of Tom-pkins County Public Library.

2001

2. **GHG emissions inventory:** Tom-pkins County Planning Department (TCPD) completed the first greenhouse gas emissions inventory for Tom-pkins County government operations and the community, using 1998 data.
3. **GHG emissions:** Legislature passed a resolution requesting the federal government reduce greenhouse gas emissions from coal-fired power plants.
4. **ICLEI's Cities for Climate Protection Campaign:** Tom-pkins County joined ICLEI's Cities for Climate Protection Campaign.

2002

5. **Emissions reduction goal:** Legislature established 10-year emissions reduction goal for Tom-pkins County government operations to reduce emissions to 20% below 1998 levels by 2008.
6. **NYSERDA Flex Tech Work Plan:** Tom-pkins County entered into a NYSERDA Flex Tech Work Plan to conduct a technical feasibility study for County buildings.

2003

7. **Local Action Plan to Reduce Greenhouse Gas Emissions for County Government Operations:** Developed and passed by Legislature to meet emissions reduction target.

2004

8. **Renewable energy standard:** Legislature resolution establishing a renewable energy standard for County electricity use.

2005

9. **Sierra Club's Cool Cities:** Tom-pkins County joined Sierra Club's Cool Cities campaign by signing U.S. Mayor's Climate Protection Agreement and agreeing to implement smart energy solutions to save money and build a cleaner, safer future.
10. **Wind energy purchase:** Legislature authorized the purchase of wind energy from Community Energy, Inc. equal to 5% of electric usage by Tom-pkins County government operations.
11. **Solar sales tax exemption:** Legislature passed a sales tax exemption for retail sales of residential solar energy systems.
12. **Energy performance contracts:** Tom-pkins County entered into an initial energy performance contract with Johnson Controls, Inc. for energy improvements in government buildings.

13. **Net metering support:** Legislature passed a resolution in support of net metering for solar and wind powered electricity produced by all customers, including businesses and institutions.

2006

14. **Sustainability Team:** Legislature appointed a Tompkins County Sustainability Team and charged the team with developing an action plan to promote sustainable practices by Tompkins County government.

2007

15. **GHG emissions inventory:** TCPD performed second emissions inventory, using 2006 data.
16. **Energy performance contracts:** Tompkins County entered into long-term energy performance contracts with Johnson Controls, Inc. to implement comprehensive energy efficiency measures in government buildings (excluding Solid Waste and Airport facilities). Building improvements were completed over subsequent years.
17. **Waste Reduction and Resource Management Policy:** Legislature passed the 06-15 Waste Reduction and Resource Management Policy.
18. **Green purchasing programs:** Tompkins County began coordinating the green purchasing programs for County government, local municipalities, and other local non-profit agencies.
19. **ReBusiness Partner Program:** Tompkins County Solid Waste Management Division (TCSWMD) started the ReBusiness Partner Program, which helps local businesses, public schools, and institutions to reduce waste, adopt green purchasing practices, and increase recycling.

2008

20. **Clean Communities of Central New York:** Tompkins County joined Clean Communities of Central New York.
21. **Energy and Greenhouse Gas Emissions Element of the Comprehensive Plan:** Legislature adopted Energy and Greenhouse Gas Emissions Element of the Comprehensive Plan.
22. **Support of carbon tax:** Legislature passed a resolution expressing support for federal action to reduce carbon emissions through the mechanism of a carbon tax.
23. **Budget for more efficient vehicles:** Legislature set aside \$50,000 in the County budget for departments to use to purchase alternatively fueled vehicles.
24. **Environmental Preferred Procurement Resource Guide:** TCSWMD published the Tompkins County Environmental Preferred Procurement Resource Guide.
25. **Green procurement:** Tompkins County joined with the City of Ithaca, Cornell University, Ithaca College, Tompkins Cortland Community College, Tompkins County government, Tompkins County Chamber of Commerce, and Tompkins Seneca Tioga Board of Cooperative Educational Services (T-S-T BOCES) to form the Finger Lakes Environmentally Preferred Procurement Consortium (FLEPPC), the first community based, multi-sector consortium in the state to promote environmentally preferred processes, procedures, products, and services.

2009

26. **NYS DEC Climate Smart Communities Program:** Tompkins County became one of the first municipalities to join this program.

27. **Facilities Management and Workplace Environment Policy:** Legislature adopted the Facilities Management and Workplace Environment Policy to implement best practices in energy efficiency and management in County facilities.
28. **Property Assessed Clean Energy (PACE):** Legislature adopted a resolution in support of enabling legislation in NYS to allow the establishment of PACE programs.
29. **GHG emissions inventory:** TCPD conducted the third emissions inventory, using 2008 data.
30. **Green fleet policy:** Legislature passed a green fleet policy that requires each County department to reduce its fleet emissions by 2 percent annually, to achieve 80% reduction in emissions by 2050.
31. **Biodiesel transition:** Highway Department transitioned more than half of its diesel vehicles to B20 biodiesel.
32. **More efficient vehicles:** Health Department replaced Jeep Liberty vehicles with Ford Focus vehicles.

2010

33. **2020 Energy Strategy:** Legislature endorsed the Tompkins County 2020 Energy Strategy, a strategy to reduce emissions by 20% by 2020 with ten new local measures to implement.
34. **Support of gas drilling ban:** Legislature passed a resolution calling on the governor and state legislature to ban hydraulic fracturing for gas extraction pending independent scientific assessments to determine the associated risks, greenhouse gas emissions, and social and economic costs.
35. **Property Assessed Clean Energy (PACE):** Legislature adopted a resolution to support state legislation authorizing municipalities to establish green loan programs to leverage other financial sources for PACE programs.
36. **Solar thermal hot water heating:** Solar thermal hot water heating added to Solid Waste, Mental Health, and Health Department Buildings, and boilers replaced at the Recycling and Solid Waste facility.
37. **Compost:** Two tons of organic waste composted at the Public Works and Solid Waste facilities
38. **Document shredding:** Three-year contract signed with Challenge Industries to shred confidential documents for the County, with 5 tons shredded and recycled in the first year.
39. **Waste assessments:** All County departments assessed in order to understand waste and recycling patterns at each facility.
40. **Hybrid vehicles:** County purchased 3 hybrid vehicles through an American Recovery and Reinvestment Act (ARRA)/NYSERDA grant. Several departments purchased more efficient vehicles as part of their implementation of the County's Green Fleet policy.
41. **Commercial Wind Farm Atlas:** TCPD produced a map atlas showing geographic features that could impact wind farm siting in Tompkins County.

2011

42. **Airport award:** Airport's green master plan was awarded the Airports Going Green 2011 Award. This plan incorporates sustainability practices and goals into its operations and capital planning, including GHG reductions through energy reduction and efficiency as well as green building.
43. **LEED Certified Department of Health:** New Health Department facility verified final systems compliance to receive LEED Silver certification and complete commissioning.

44. **Shale Gas Drilling:** Assisted local municipalities with preparing for potential impacts of high-volume hydrofracking in the County through the work of a Park Foundation-funded Planner dedicated to working with the Tompkins County Council of Governments Task Force on Natural Gas Drilling.
45. **Property Assessed Clean Energy (PACE):** TCPD tracked status of PACE programs nationally and worked with Tompkins County legislative leaders to secure co-sponsorship from our Congressional representatives for the PACE Assessment Protection Act of 2011 to provide a solution to the problems holding up PACE.
46. **Energy loans:** TCPD staff worked with local partners to encourage private institutions' efforts to create loan programs to assist homeowners in financing energy upgrades.
47. **Solid Waste Management Plan:** TCSWMD began development of a new 10-year Solid Waste Management Plan to help achieve 75% waste diversion rate by the end of 2015.
48. **Recycling contract:** Tompkins County signed a 10-year contract with ReCommunity of Charlotte, NC to upgrade and operate the Recycling and Solid Waste Center. Introduced: single-stream recycling, high fiber processing for commercial recyclables, waste diversion from certain recycling-rich commercial loads, expanded drop-off area (including the "Recycling Market") for residents and small commercial customers, transfer of remaining garbage to a nearby landfill.
49. **Catalog opt-out:** Tompkins County entered into a partnership with the national non-profit, Catalog Choice, to provide the community with the opportunity to opt-out of unwanted mail to reduce waste and even recycling generation.
50. **Recycling promotion:** TCSWMD received and implemented a grant from the USDA to assist low income residents of several mobile home parks and apartment complexes to reduce waste through recycling, composting and reuse, producing a video and manual.
51. **Transportation agreement:** Tompkins County and GADABOUT entered into agreement with ITNAmerica to participate in the ITNEverywhere pilot project in 2011-12.
52. **Biodiesel transition:** Tompkins County Highway Division completed its transition to biodiesel.
53. **Smart office initiatives:** Multiple County departments began participating in ongoing initiatives to "stop the paper" - through smart office strategies, including using multifunctional devices for printing/scanning/copying, major scanning project and new digital submissions processes at the County Clerk's office and in the Personnel Department's online jobs system.
54. **Data storage:** Information Technology Services (ITS) worked to collapse data centers down to two, greatly reducing energy usage.
55. **Lighting retrofit:** Completed at Recycling and Solid Waste Center to improve energy efficiency.
56. **Energy study:** TCPD, with additional funding from Cayuga Medical Center, hired a consultant to conduct initial feasibility studies for combined heat and power and district energy on West Hill.
57. **Energy study:** TCPD staff and Tompkins County Climate Protection Initiative (TCCPI) members prepared a case statement focusing on district energy on South Hill, which was used in an EPA brownfields grant application.
58. **Electric vehicle charging stations:** Planning staff reviewed grants and spoke with partners about siting electric vehicle charging stations in and around Ithaca.

59. **EPA Climate Showcase Community:** Tompkins County, in collaboration with EcoVillage at Ithaca's Center for Sustainability Education, was awarded a U.S. EPA Climate Showcase Communities grant for the only residential smart growth project among the 50 projects supported nationwide.
60. **Motivating Residents to Reduce Energy Use and Save Money:** TCPD and partners worked on creating motivating strategies and messaging around ways to save energy and money in the areas of Food, Building Heating and Lighting, Transportation, and Waste.

2012

61. **Renewable energy purchase:** Legislature authorized the County to contract with Integrys Energy Services, through the Municipal Electric and Gas Alliance, for the purchase of electricity through the end of 2013, with the option to renew for an additional year. Under the agreement, 100% of the County's electricity use was to be offset by Renewable Energy Credits (RECs).
62. **Solar:** Tompkins County entered a lease with Solar Liberty to install solar photovoltaic on seven County facilities to generate 235 kW of solar energy for Tompkins County operations. The County also explored the feasibility of installing 1 MW of ground-mounted solar at the Ithaca-Tompkins Regional Airport.
63. **Development Focus Areas and Conservation Strategies:** Legislature endorsed the Development Focus Areas Strategy, which outlines actions to be taken to focus most new development in compact mixed-use communities. The Legislature also endorsed the Conservation Strategy, which presents actions to be taken to conserve critical natural and agricultural resources.
64. **EPA Climate Showcase Community:** Implemented the second year of Tompkins County's Climate Showcase Community EPA grant to fund innovative on-the-ground approaches to creating dense neighborhoods that enhance residents' quality of life while using fewer resources. Accomplishments included: finalizing model zoning regulations, identifying potential developers for the County-owned land on West Hill, working with consultants to brand and market the project nationally, and supporting construction of the third neighborhood at EcoVillage and the Aurora Pocket Neighborhood.
65. **Temperature controls:** Work to improve systems was completed at Public Works vehicle garage.
66. **Paper reduction:** Personnel Department fully transitioned to an online application system, reducing the department's paper usage by 50%.
67. **Recycling outreach:** TCSWMD developed an outreach campaign to increase recycling of new materials and to increase residential participation.
68. **Trail drainage maintenance:** County worked with local municipalities and State Parks to implement drainage improvements on the Black Diamond Trail.
69. **Food waste composting:** TCSWMD expanded food waste composting for the business and residential sectors. The County was awarded a \$200,000 grant through Empire State Development to upgrade equipment at Cayuga Compost's Agard Road facility.

2013

70. **Cleaner Greener Southern Tier Regional Sustainability Plan:** TCPD, in partnership with Southern Tier Central and Southern Tier East Regional Planning and Development Boards, completed the Cleaner Greener Southern Tier Regional Sustainability Plan, a regional, eight-county plan that includes specific actions that can reduce greenhouse gas emissions by 35% over the next 20 years. The plan was endorsed by the County Legislature.
71. **Green Building Efforts:** Legislature adopted the Green Building Policy (01-47) to adopt green building standards for all new construction and major renovations of County-owned buildings. Renovation of the

second floor of the Daniel D. Tompkins Building (formerly known as the Old Courthouse) completed for use as Legislative Chambers, reusing existing space in a historic building and introducing energy efficient lighting throughout the building. Solar thermal system installation at the Main Courthouse completed in November 2013.

72. **Tompkins County Multi-Jurisdictional All-Hazards Mitigation Plan Update:** The plan was accepted by FEMA. The plan aims to further reduce risks associated with hazards while incorporating projected impacts from climate change.
73. **Tompkins County Sustainability Center:** Opened its doors in the County's Human Services Annex and began hosting seminars on relevant topics and welcoming the public to view displays addressing energy use in buildings, transportation alternatives, and solid waste.
74. **Ithaca & Tompkins County Bicycle Map:** Updated and distributed by the Ithaca-Tompkins Transportation Council (ITCTC).
75. **Food scraps:** Tompkins County entered a 3-year contract with Cayuga Compost to provide food scrap recycling services. TCSWMD began a pilot project collecting residential food scraps from West Hill homes.

2014

76. **County Property Tax Exemption for LEED Certified New Construction and Renovations:** Legislature approved a new local law that provides an exemption from County property taxes, under certain conditions, for up to ten years for construction of buildings that achieve LEED certification in order to encourage sustainable building practices in the community.
77. **Sustainability Strategy:** Legislature accepted the Tompkins County Sustainability Strategy, developed by the Tompkins County Sustainability Team, to provide a coordinated approach to integrating sustainable practices into County government operations during the 2014-2019 time period.
78. **Energy savings:** ITS took 4-5 servers offline in the first few months of 2014, reducing energy usage.
79. **Solar thermal:** Installed on Old Jail.
80. **County satellite offices:** Department of Social Services (DSS) established satellite offices within the Groton Head Start office and within the Health Department to reduce client and employee commuting.
81. **Smart Energy Policy Initiative:** Tompkins County began partnering with several individuals and organizations on the Smart Energy Policy Initiative, to identify actions local governments in Tompkins County can take in the near term to help accelerate the transition to a more efficient, renewable energy future.
82. **Food scraps:** TCSWMD launched satellite Food Scraps Recycling Drop Spots at the Dryden Town Highway Barn, Lansing Village Offices, and Cornell Cooperative Extension. Residential curbside food scraps recycling pilot to encompass areas within the City of Ithaca, Town of Ithaca, Town of Ulysses, and Village of Trumansburg to better understand the strengths, costs, and challenges of collection. Food scraps recycling at County facilities launched at Building C and in the Old Jail.

2015

83. **EPA Green Power Partner:** County recognized by EPA as a *Green Power Partner* for offsetting 100% of electricity through purchase of Green-e-certified RECs and for solar panels on library.

84. **Tompkins County Comprehensive Plan update:** Legislature adopted the updated Tompkins County Comprehensive Plan, which includes sustainability as one of three overarching principles guiding the preparation of the Plan.
85. **Property Assessed Clean Energy (PACE):** Legislature adopted the local law in May 2015 and became members of Energize NY's Energy Improvement Corporation in September 2015.
86. **ReUse Diversion:** TCSWMD launched a ReUse Diversion program with Finger Lakes ReUse and Casella Recycling.
87. **Food scraps:** Old Courthouse added a food scraps recycling program in its building.
88. **Data collection:** TCPD began collecting and organizing utility data from all County facilities in order to track energy use and costs. Update of the County's vehicle fleet inventory began in order to integrate this information with fuel data.

2016

89. **Hydro power:** Legislature authorized a 20-year hydroelectric utility remote net metering agreement, between Tompkins County and Gravity Renewables, Inc., which is expected to produce electricity to meet roughly two-thirds of county government electricity needs through clean, local, and renewable generation (in 2017 it covered ~80% of County government electricity due to wet weather).
90. **EPA Green Power Partner:** County again recognized by EPA as a *Green Power Partner*.
91. **Green Building Policy implementation:** Facilities Division continued to incorporate the County's Green Building Policy, incorporating LED lighting into the new Mental Health Building reception area and replacing exterior lights with LEDs at the Health Department and Recycling and Solid Waste Center. Additional insulation was added during roof replacements at the Old Jail, Building C, and Mental Health buildings.
92. **Energy Roadmap:** TCPD completed the Energy Roadmap report, evaluating local energy resources and developing scenarios to meet the County's 80% GHG emission reduction goal and projected energy needs through 2050.
93. **Energy and Economic Development Task Force.** TCPD partnered with Tompkins County Area Development (TCAD) to facilitate the work of the Task Force to address short-term energy needs and emissions in ways that contribute to a vital local economy. The final report and recommendations from the Task Force were released in June 2016. Follow-up with the Public Service Commission and NYSEG resulted in NYSEG consideration of alternatives to the West Dryden Road pipeline and interest by the Public Service Commission in exploring creative methods to reduce demand for natural gas in the Lansing moratorium area.
94. **GHG emissions inventory:** Planning Department completed detailed GHG emissions and energy use inventories for both the community and County government using 2014 data, which went beyond traditional GHG accounting methods to show results of the latest climate science on methane emissions.
95. **Municipal Tools to Promote Deployment of Renewable Energy Systems:** Researched model ordinances and renewable energy systems to develop draft guidance to municipalities on key provisions to include in local ordinances regulating and supporting development of renewable energy systems. Outreach held in 2017.
96. **Community Microgrid for Critical Facilities, NY Prize:** Planning Department worked with a consultant to develop a feasibility assessment of the technical design and system configuration for a proposed community microgrid for county facilities and nearby uses in and around the airport. Phase 1 of this

work was completed in 2016. Although much was learned about the energy system and potentials in the area, a decision was made to not proceed to Phase 2.

97. **EV charging station installation:** Five electric vehicle (EV) charging stations, each with 2 ports, were installed at the Mental Health parking lot to charge the vehicles and allow for EV additions to the Mental Health fleet.
98. **EV Infrastructure Plan:** TCPD and ITCTC worked with a consultant to identify electric vehicle charging station needs and opportunities, which identified locations with the best potential for installation of public charging facilities.
99. **IDA Energy Incentives:** In partnership with TCAD, TCPD hired a consultant to structure an IDA Energy Incentives program to provide enhanced incentives for businesses that invest in energy efficiency and renewable energy systems to reduce their carbon footprint as part of a job-creating expansion. The final report was completed in 2016 and the first incentives were awarded in 2017.
100. **Energy Focus Area Strategy:** In partnership with TCAD, TCPD worked with a consultant to develop an Energy Focus Area Strategy to provide for the energy needs of growing businesses while prioritizing renewable energy solutions and addressing energy concerns in key geographical areas of the county. Phase 1 was completed in 2016, including analysis of the projected energy demand for all four focus areas, and Phase 2 was launched, to look at ways to address energy constraints in a single focus area.
101. **Non-pipe Alternative Development:** County, Public Service Commission, NYSEG, and other partners began meeting to find alternatives to a natural gas pipeline expansion.
102. **Pipeline Inventory:** TCPD hired a consultant to conduct an inventory of pipeline stream crossings in the County and identify those of highest priority in order to advance measures to reduce risk to human health and the environment.
103. **Bike racks:** As part of the parking lot improvements around the Courthouse Complex, covered bike racks were installed next to the Old Courthouse, Main Courthouse, and Old Jail for use both by County employees wishing to bike commute as well as members of the public served by these facilities.
104. **Age Friendly Ithaca and Tompkins County Action Plan:** Office for the Aging completed the plan and received approval from AARP, an affiliate of the World Health Organization's Age-Friendly Cities and Communities Program. The Plan helps guide County sustainability-related efforts in areas such as transportation and the built environment and encourages social equity considerations in these efforts.
105. **HeatSmart Tompkins:** TCPD advised and assisted the Solar Tompkins Board of Directors in launching HeatSmart II and served as fiscal agent for this second round of a county-wide energy efficiency and heat pumps program.
106. **FOG collection:** Recycling and Solid Waste Center added a collection station for liquid cooking fats, oils and grease (FOG) in 2016, collecting nearly 275 gallons of material in the program's first three months. The FOG will be processed and recycled into a renewable, biodegradable fuel.
107. **Food scraps:** The County's food scraps recycling drop spots continued to increase, receiving over 475,500 pounds of material.
108. **Ithaca 2030 District:** Launched with Tompkins County joining as a founding member in this effort to reduce energy demand, transportation emissions, and water use in downtown commercial buildings, including County government facilities.
109. **Residential Energy Score Project:** A consortium of five municipalities in partnership with Tompkins County and Cornell Cooperative Extension completed the final report evaluating building envelope

rating methods and considering how best to create value for energy efficiency in the local housing market. Funded by a NYSERDA Cleaner Greener Communities grant, all five municipalities endorsed the report and program.

110. **Drought and water conservation:** During the summer drought in 2016, the Health Department worked closely with the City of Ithaca, Cornell University, and Bolton Point Water System to ensure a community approach to address issues created by the drought, and to urge all community members to conserve water.
111. **Airport Plans:** Airport Terminal renovation plans were developed, with particular emphasis on energy upgrades. Proposed upgrades would reduce natural gas use at the terminal by at least 40%.

2017

112. **Clean Energy Community:** NYSERDA announced Tompkins County as the first county in the Southern Tier to be designated a Clean Energy Community, which led to a \$250,000 NYSERDA grant award accepted in early 2018.
113. **Sustainability recognized in County Charter:** Among the County Charter changes approved by the Legislature in January 2017, the Planning Department and its Commissioner were designated the Department/Commissioner of Planning and Sustainability and the Solid Waste Division became a department and was renamed the Department of Recycling and Materials Management (RMM). Both name changes reflect the County's ongoing commitment to sustainability.
114. **Energy Task Force:** Legislature established an Energy Task Force to provide advice to the Department of Planning and Sustainability (TCDPS) and the County Legislature on energy, climate change, and energy-related economic development.
115. **EVs:** Mental Health Department's five Chevy Volt plug-in hybrid electric vehicles were placed into service.
116. **Municipal Tools to Promote Deployment of Renewable Energy Systems:** TCDPS worked with municipalities to develop and share tools to encourage widespread deployment of renewable energy systems.
117. **Pipeline Inventory:** TCDPS completed fieldwork and its pipeline inventory project.
118. **Food scraps:** RMM expanded its food scraps recycling program with three new food scraps recycling drop off spots.
119. **Data storage:** ITS replaced the storage network devices with SAN storage devices based on flash drives with lower energy use, drastically shrinking the physical space and cooling needed for the County's data centers. Work began to reduce or eliminate the need to maintain a data center at 55 Brown Road by consolidating into a more efficient data center at the Emergency Response Center, and NYSERDA incentives were explored to help fund this work.
120. **New public recycling bins:** RMM and the Facilities Departments worked together to install and service new recycling bins in public spaces at the Human Services Building and the Courthouse Complex.

2018

121. **Climate Smart Communities Silver (DEC):** Originally the 12th "certified" community in 2017, the County achieved more points and became the 4th silver certified community in the State (highest level possible at that time). The program recognizes demonstrated accomplishments in the reduction of greenhouse gas emissions and changing climate adaptation.

122. **Property Assessed Clean Energy (PACE) 2.0:** Legislature adopted the local law in July 2018, amending the 2015 law. Changes – former restriction limited financing to 10% of property’s assessed value – now up to 35%; adds remote net metering and community solar projects as permissible PACE-supported energy improvements; measures savings and costs over the project’s lifetime (instead of annually); and allows PACE charges to commence at the beginning of construction.
123. **Business Energy Advisors Program:** TCDPS launched the program in August 2018 with funding from a NYSERDA Clean Energy Community grant, TCAD and the County to hire a staff Energy Specialist and consultants to work with business owners/facility managers to set energy goals and understand energy options. Program provides advice on incentives and financing, presents options to save energy and operational costs, and serves as an objective resource for projects.
124. **Energy Task Force:** In its second year, the Energy Task Force continued to provide advice to TCDPS and the Legislature on energy, climate change, and energy-related economic development, and provided feedback on the Energy Strategy development.
125. **Wind study:** TCDPS completed Small to Medium Scale Wind Feasibility Report, which concluded that with current electricity prices wind turbine installation at three sample sites does not make economic sense.
126. **Data center consolidation:** Consolidation between Emergency Response Center and Health Department completed in December. ITS removed equipment from 55 Brown Rd.
127. **EVs, fleet analysis, charging stations:** Clean e (NYSERDA) funding to purchase electric vehicles or plug-in hybrid (EV or PHEVs): \$5,000 for 15 vehicles and 15 charging stations @ \$1,813 each (\$102,200). Funding also used to evaluate the fleet, create a long-term schedule for conversion and rightsizing with report on lessons learned. Health Department purchased three Chevy Volts (PHEV) and two Nissan Leafs (EV) and also installed an extensive charging station (eight stations with two ports each) at the Brown Road Health Department location. RMM added one charging station with two ports.
128. **County Facility Energy and Fleet Record Management:** Facilities and TCDPS worked to secure a contract to enhance recordkeeping and record sharing among County personnel for critical facility energy use and fleet data.

Acronyms for Tompkins County Energy and Sustainability Efforts

EV	Electric vehicle
GHG	Greenhouse gas
ICLEI	International Council for Local Environmental Initiatives
ITCTC	Ithaca-Tompkins Transportation Council
ITS	Information Technology Services
kW	Kilowatt
LED	Light-emitting diode
LEED	Leadership in Energy and Environmental Design
MW	Megawatt
NYSEG	New York State Energy and Gas Corporation
NYSERDA	New York State Energy Research and Development Authority
PACE	Property Assessed Clean Energy
PHEV	Plug-in hybrid electric vehicle
REC	Renewable Energy Credit (or Certificate)
RMM	Tompkins County Department of Recycling and Materials Management
TCAD	Tompkins County Area Development
TCCPI	Tompkins County Climate Protection Initiative
TCDPS	Tompkins County Department of Planning and Sustainability
TCPD	Tompkins County Department of Planning
TCSWMD	Tompkins County Solid Waste Management Division
US EPA	United States Environmental Protection Agency