



Energy Action Plan 2.0 in Development

The District Energy Action Plan identifies goals and strategies for energy conservation, efficiency, and education focusing on facilities, operations and community. The plan is framework to implement initiatives and projects to reduce the District climate impact with an overall goal to reduce energy-related greenhouse gas emissions 45% by 2030.

Facilities & Operations Strategies

All buildings and properties owned by Saint Paul Public Schools, and their operational procedures. Staff from all departments that impact the maintenance and operations of SPPS buildings.

Strategy A

Implement energy efficiency projects and practices

A1	A2	A3
Schedule energy audits in buildings to identify energy saving opportunities to implement.	Research and develop energy efficiency design standards for new construction, and major renovations.	Create process to evaluate replacement of failed equipment for more efficient equipment

Strategy B

Train and educate Operations Staff on building energy management best practices

B2
Train building engineers on building automation system scheduling, and other energy management best practices.

Strategy C

Coordinate with the Board of Education and senior leadership on sustainability and energy initiatives

C1	C2
Form Sustainability Advisory Taskforce to advise Board and senior leadership about sustainability and energy.	Work with Business Office to create process to direct energy rebate dollars to the District Revolving Energy Efficiency Fund (REEF).

Strategy D

Increase renewable energy options for SPPS Facilities

D1	D2
Integrate solar projects into the 5-year Facilities Maintenance and Capital Plan.	Update design process to include systematic evaluation of renewable energy systems for new projects, including geothermal and photovoltaic systems.

Strategy E

Electrify equipment and vehicles

E1	E2	E3	E4
Participate in EV fleet study to ID vehicle electrification opportunities	Identify school bus electrification feasibility and grant opportunities	Explore public charging station opportunities on District-owned sites	Identify and convert gas-powered landscaping equipment to battery-powered

Community Strategies

Members of the community that use SPPS buildings, including students, teachers, staff and administration, groups who rent space, families, and community education groups.

Strategy F

Support student-led climate and energy action

F1	F2	F3
Work with existing environmental clubs to develop guidelines and best practices to help other schools create clubs.	Build a coalition to create an energy games-based, extra-curricular youth empowerment program to educate and challenge students to take action in school and at home.	Implement an anti-idling education campaign targeting District and non-District vehicles

Strategy G

Build Partnerships between SPPS departments to integrate energy and climate education into existing processes and promote energy awareness.

G1	G2	G3
Collaborate with Office of Teaching and Learning (OTL) to connect energy action into existing classroom activities.	Collaborate with before/after school education programs to incorporate energy action into learning opportunities.	Build partnership with Career Technical Education (CTE) and Operations staff to connect students with energy career pathways and job opportunities.

Strategy H

Communicate energy efficiency and climate action benefits and success stories

H1	H2
Share stories and impact about what the District is doing for energy efficiency and renewable energy, including sharing success stories from first phase of Energy Action Plan implementation	Promote public-facing dashboard(s) to inform students, teachers, and staff about their buildings' energy use and renewable energy project impacts.