

EPPING SCHOOL DISTRICT ENERGY PLAN

OVERALL

1. Conduct a district-wide energy audit.
2. Encourage students and staff to identify energy saving measures.
3. Include energy and recycling in the daily operation of the classroom.
4. Assign students to be in charge of saving energy and recycling.

FUEL OIL CONSUMPTION

1. Clean and check all burners for operation in the most efficient manner possible.
2. Use multiple small boilers rather than one large unit where possible.
3. Review fuel bills for accuracy and to identify and investigate changes.
4. Implement an air filter replacement schedule to optimize efficiency.
5. Ensure that all intakes and exhausts are clear of obstruction.
6. Check water heaters for proper temperature and operation.

SCHOOL BUILDING TEMPERATURE

1. Set occupied building temperature range from 68 to 70 °F *for the heating season. The occupied building temperature for the cooling season may be higher.*
2. Turn off building heat when building is unoccupied with a safety setting of 55 °F.
3. Use unoccupied guideline when building is unoccupied for 2 or more consecutive days.
4. Check automated building controls for proper settings and operation to meet guidelines.
5. Ensure that room temperature guidelines are maintained.
6. Check the location of thermostats and relocate if possible to address warmer or cooler parts of the building.

SCHOOL BUILDING EFFICIENCY

1. Check and adjust automatic door closers for proper operation. Ensure that doors are not left open.
2. Check and repair seals and/or add weather stripping around all doors and windows.
3. Develop window and door replacement schedule to sustain building efficiency.

ELECTRICITY USE

1. Review electricity bills for accuracy, correct classification, and to identify and investigate changes.
2. Permit refrigerators, microwaves, coffee pots, and other appliances only in common areas.
3. Check occupancy sensor light switches for proper operation.
4. Develop plan to install occupancy sensor light switches in all buildings.

5. Place outdoor lights on a timer and adjust for change to and from daylight savings time.
6. Replace incandescent light bulbs with fluorescent lights.
7. Replace metal halide lights in gyms with fluorescent light fixtures.
8. Replace incandescent light exit signs with LEDs.
9. Adjust vending machine operation for efficiency.
10. Turn off lights and air conditioners when room is not in use.
11. Turn off lights, air conditioners, computers, monitors, printers, and other electrical devices at the end of the school day, and lock classroom.
12. Check electric hot water units for proper temperature and operation.
13. Charge a fee for after hours use of school buildings.
14. Use non-peak hours for heavy duty electrical equipment such as kilns, etc.
15. Explore the feasibility of purchasing electricity in bulk.

KITCHEN EQUIPMENT

1. Ensure that all kitchen equipment, hot and cold, is properly calibrated for temperature and operation.
2. Check and repair door gaskets on kitchen equipment.
3. Consolidate food storage in freezers and refrigerators where possible and turn off unused units. Limit food stored over summer vacation.
4. Preheat units for the time needed to reach temperature just before use and avoid turning on kitchen equipment earlier than necessary.
5. Evaluate the financial feasibility of using a dishwasher rather than using disposable dishes, trays, and utensils.

GASOLINE USE & MILEAGE REIMBURSEMENT

1. Recommend carpooling for multiple employees to and from out-of-district conferences, meetings, etc. to obtain mileage reimbursement.
2. Hire bus where financially feasible for large groups of employees to attend training sessions.
3. Require anti-idling policy for school buses.
4. Avoid unnecessary trips for supplies by purchasing in bulk using district purchasing as feasible.
5. Ensure that all district owned equipment is in proper running order.

The mission of the Epping School District is to focus on the potential of every student and engage them to be passionate, confident learners who demonstrate competence and have strength of character to reach their highest aspirations and thoughtfully contribute to a diverse and changing world.