

Project Green Challenge Greenest



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High School

Highland High School - Energy Evaluation

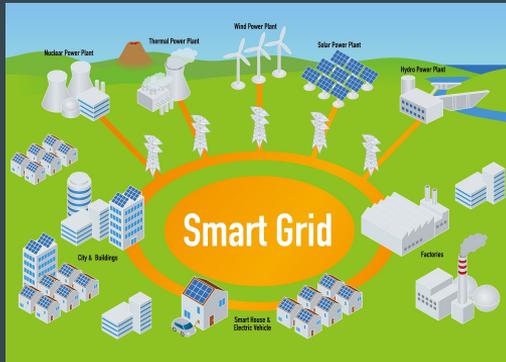


Food



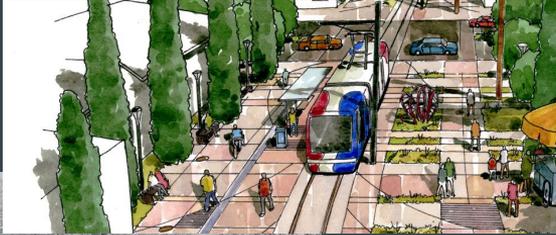
Highland High has been directing efforts towards creating a more eco-friendly school environment, especially when regarding sustainable and efficient energy sources. As of now, we have a healthy food system that is sustained through Child Nutrition Programs. These help to ensure the students of Utah have adequate access to safe and nutritious foods, especially in educational facilities. Our school administers 14 federal food programs and subprograms, which are appropriated under the USDA and administered by the Food and Nutrition Service. These programs help to increase the consumption of fresh, healthy and local foods while also emphasizing nutrition education regarding community food systems. Highland is unique, as it has a personal greenhouse. This characteristic of our school has helped to educate the student body on the importance of regenerative agriculture and renewable energy.

Heating & Electricity



Highland is heated by a boiler system that circulates steam throughout the entire building. Our electricity comes from a power grid, which is our least sustainable source of energy. After researching environmentally friendly alternatives for electricity that would be easier to implement, I found the smart grid. This electricity system includes the integration of customer-owner power generation systems, along with renewable energy sources.

Transportation



When considering transportation, Highland makes public transit available for every student. As a school, we provide school busses for any school activities helping to reduce carbon emissions that would otherwise be emitted into the atmosphere if everyone were to use personal vehicles. We make sure to promote the use of public transport, and try to integrate it into classrooms to create a more immersive environment.

Highlands' Energy Evaluation

By: Cvetanka Rizvanovic

Highland High has been directing efforts towards creating a more eco-friendly school environment, especially when regarding renewable and efficient energy sources. Energy is a broad term, as it is applicable in categories such as food, heating and electricity, as well as transportation. As a school, we have been reducing carbon emissions through renewable energy in the food department. This means a healthy food system is sustained through Child Nutrition Programs. These help to ensure the students of Utah have adequate access to safe and nutritious foods, especially in educational facilities. Our school administers 14 federal food programs and subprograms, which are appropriated under the USDA and administered by the Food and Nutrition Service. These programs help to increase the consumption of fresh, healthy and local foods while also emphasizing nutrition education regarding community food systems. Highland is unique, as it has a personal greenhouse. This characteristic of our school has helped to educate the student body on the importance of regenerative agriculture and renewable energy. In regards to heating and electricity, Highland is heated by a boiler system that circulates steam throughout the entire building. Our electricity comes from a power grid, which is our least sustainable source of energy. There are several more environmentally friendly alternatives for electricity that would be easy to implement, such as the smart grid. This electricity system includes the integration of customer-owner power generation systems, along with renewable energy sources. As a school, we provide school busses for any school activities helping to reduce carbon emissions that would otherwise be emitted into the air if everyone were to take their own vehicle. We make sure to promote the use of public transport, and try to integrate it into classrooms to create a more immersive environment.

My Story To Publish

Sources

- <https://highland.slcschools.org/>
- <https://www.schools.utah.gov/cnp>
- <https://www.michaelbonsbyhvac.com/services/green/>
- https://www.smartgrid.gov/the_smart_grid/smart_grid.html
- <https://duckduckgo.com/?q=utah+school+transportation&atb=v>