

MBTA Great for Environment?

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ABSTRACT

The MBTA has strived to greatly reduce negative impacts on our environment through the means of new renewable energy infrastructures, less carbon footprint and fossil fuel consumption annually, conserving the natural habitat and several programs that will push for this greater cause.



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OBJECTIVES

Today I'll introduce topics on the MBTA's:

- Waste reduction plans
- Renewable energy plans
- Pollutant reduction plans
- Recycling
- Vegetation management



METHODS

This year on January, the MBTA has been functioning on 100% renewable electricity. This means that the MBTA gathers all its resources to function from natural sources such as sunlight, wind, rain, etc. One example is the MBTA's Kingston turbine which powers the Kingston Commuter Rail Station.



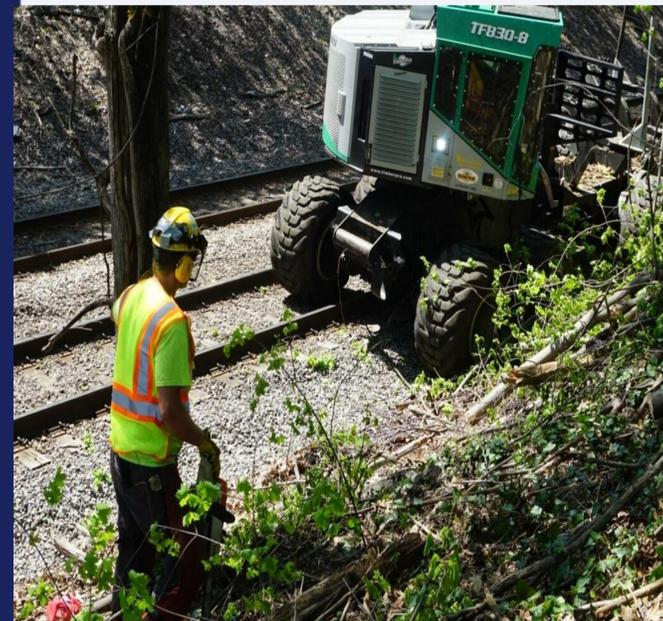
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Another example is the MBTA's solar panels installed by True Green Capital through their partnership with the MBTA. Last year, the MBTA installed solar panels at 3 different stations and have plans to install them at 25 other stations within the next 2 years.



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The MBTA has partnered with Division of Fish and Game (DFG) to create safe crossings for animals such as turtles to move across railroads. There are habitats for fox, rabbits, fish, etc. to live in. Tons of concrete, trash, and railroad ties were cleaned up to help create a safe environment for the wildlife.



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New infrastructures are on the way to help reduce the MBTA's carbon footprints such as creating more convenient buildings with modern technology and designs. The MBTA has been following guidelines and procedures laid out by Leadership and Environmental Energy Design (LEED) which was a program set by the US Green Building Council. It consists of several plans such as the new Orange and Red Lines. These plans cost billions but it's to have better power systems for the environment.



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RESULTS

The MBTA has certified the use of renewable energy in its portfolio, created its own energy sources from energy power plants, and allowed for clean energy to be financed by producers across the region

CONCLUSION

The MBTA has been around since the 60's and has ever since been working towards a positive impact for the environment while helping commuters get to where they need to go. The MBTA has been nothing but great help for its locals and are still striving to this day to create an even better impact than yesterday.



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