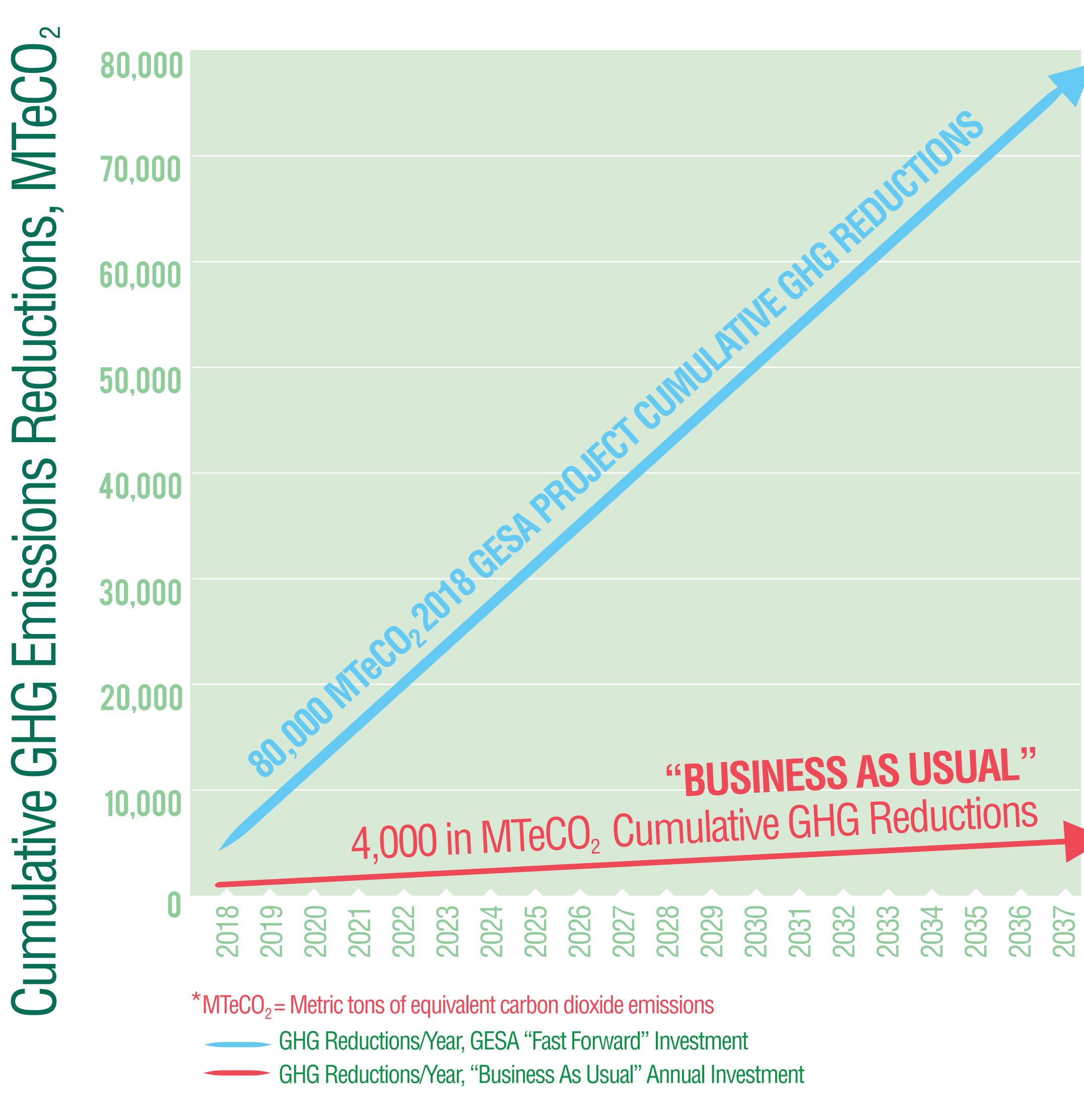
## THE POWER OF PAYING IT FORWARD

## 20X COMPOUNDING EFFECT OF GESA PROGRAM IN CUMULATIVE GHG EMISSION REDUCTIONS



Total Savings: ..... \$21 Million

Net Savings: ..... \$5 Million

## How did we spend the \$5 million in net savings? Additional Deferred Maintenance Projects:

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Replace 9 Aging Chillers	\$2,673,273
Upgrade Central Plant Software	\$48,327
Replace Window in 3 buildings	\$486,653
Replace Natatorium AHUs	\$201,663
Install Boiler Plant Water Softener	\$94,879
Provide Additional Building Meters	\$254,944
Rebuild Residence Hall Makeup Air Units	\$1,312,030
Replace Residence Hall E Heat Pump Compressors	\$15,234

**TOTAL:** \$5,086,993

Guaranteed Energy Savings Agreement (GESA) Benefits:

- At worst, GESA provides budget neutral financing of energy and deferred maintenance (DM) projects; at best, it will create energy savings of \$5 million to fund even more DM projects.
- Liberates facilities staff from the headaches of managing many small DM projects each year
- Allows the University to fast-track projects that reduce GHG emissions, and it makes a *huge* difference in the most important metric:

Reducing the total (cumulative) impact of CO<sub>2</sub> dumped into our atmosphere over the next 20 years!

SLIPPERY ROCK UNIVERSITY WILL BE CARBON NEUTRAL BY 2037

SlipperyRock
University

of Pennsylvania