

2021 EMISSION REDUCTION FROM RENEWABLE ENERGY



In 2021, NBU produced 548,923.46 MWhs of renewable energy, offsetting 389,012 Metric Tons of Carbon Dioxide equivalent. Compared against NBU's total load, 1,749,591 MWh, used in 2021, NBU had a carbon dioxide reduction of 331.2 lbs/MWh, which is comparable to the offsetting of the following:

CO₂ emissions from

 **70,661**

Homes' electricity use for one year

 **900,646**

Barrels of oil consumed

 **0.098**

Coal-fired power plants in one year

Greenhouse gas emissions avoided by

 **132,317**

Garbage trucks of waste recycled instead of landfilled

 **18,902**

Tons of waste recycled instead of landfilled

 **16,552,280**

Trash bags of waste recycled instead of landfilled

Carbon sequestered by

 **6,432,403**

Tree seedlings grown for ten years

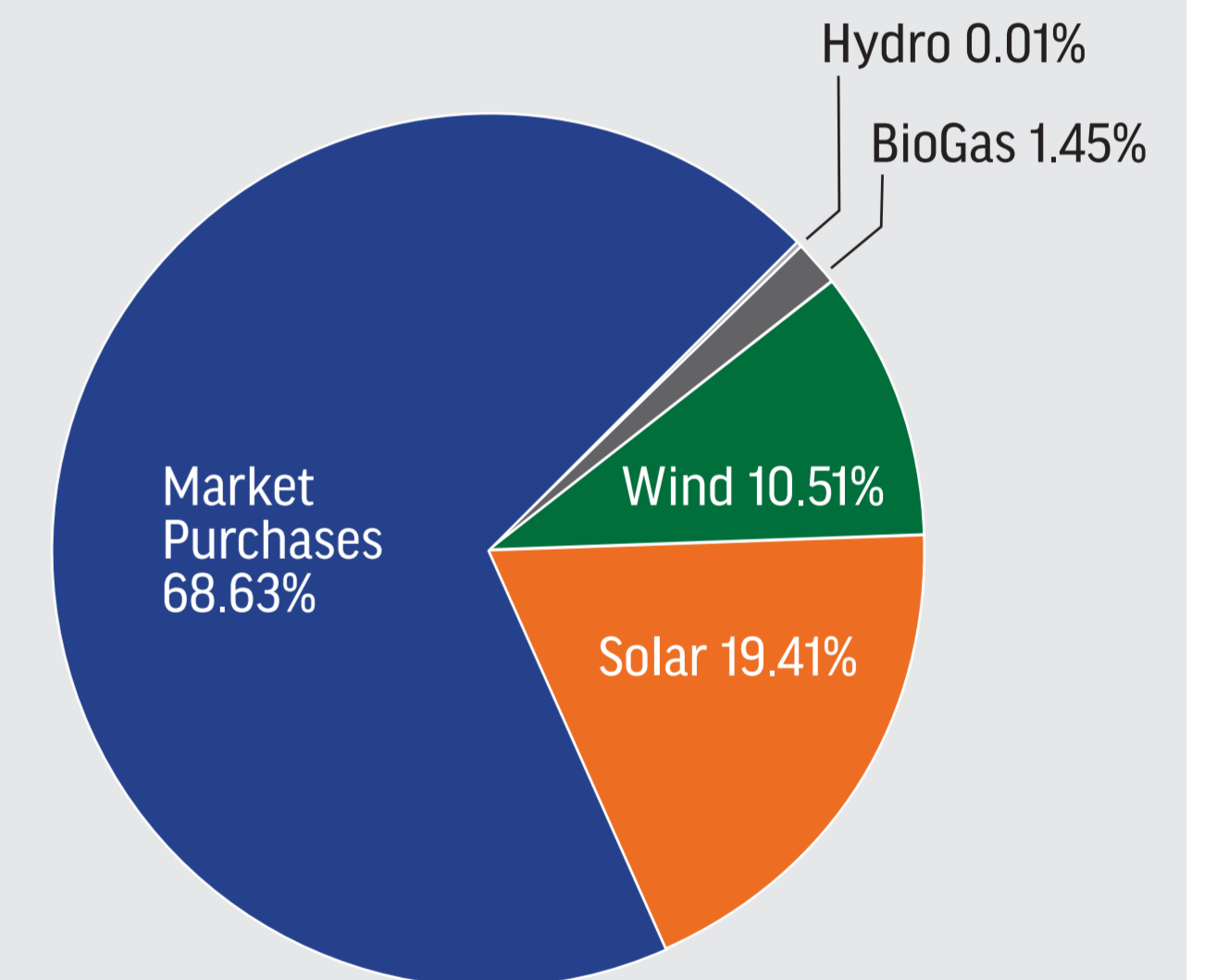
 **476,609**

Acres of U.S. forest in one year

 **2,660**

Acres of U.S. forest preserved from conversion to cropland in one year

Portfolio Make-up Summary



Location	Type	Location	2021 MWhs
Canyon Hydro	Hydro	Canyon DAM	237
WMRE	BioGas	New Braunfels	25,289
Javelina	Wind	Webb County	183,879
Long Draw	Solar	Borden County	234,807
Greasewood	Solar	Pecos County	104,711
Total			548,923