

TVA Can Create Thousands of Jobs and Reduce Energy Waste with Energy Efficiency

Energy efficiency involves making upgrades like adding insulation, installing more efficient heating and cooling systems and appliances, and making other modifications that improve comfort and reduce electricity use at homes and businesses. These changes can also lower bills. Using economic input-output modeling, an Appalachian Voices study shows that TVA could create thousands of jobs and save huge amounts of energy by investing in energy efficiency throughout the region.

Modest Goal: TVA uses energy efficiency to reduce electricity sales by 1% each year until 2035



DIRECT JOBS

Average of **1,816** full-time energy efficiency jobs in the TVA region are supported each year



INDIRECT & INDUCED JOBS

Average of **3,603** other full-time jobs in the TVA region are supported each year



ENERGY SAVED

Average megawatt hours saved per year = **1,366,243 MWh** (enough to power 97,728 avg. homes/year)



COST TO IMPLEMENT

Average of **\$66.4M** per year

Direct jobs include energy efficiency manufacturing, installation, maintenance, etc.

Indirect & induced jobs are created in related industries or elsewhere in the local economy because of energy efficiency investments & savings.

Ambitious Goal: TVA uses energy efficiency to reduce electricity sales by 3% each year until 2035



DIRECT JOBS

Average of **4,993** full time energy efficiency jobs in the TVA region are supported each year



INDIRECT & INDUCED JOBS

Average of **9,946** other full time jobs in the TVA region are supported each year



ENERGY SAVED

Average megawatt hours saved per year = **3,613,675 MWh** (enough to power 258,483 avg homes/year)



COST TO IMPLEMENT

Average of **\$175M** per year

Questions? Contact Appalachian Voices at outreach@appvoices.org, or visit appvoices.org