

CADDO MILLS ISD FIVE YEAR ENERGY PLAN

Middle School and the Bolton Building Remodeled in 2002

- * Updated all lighting to low wattage lights
- * Updated all HVAC systems on roof to more efficient ones
- * Replaced all carpet with tile
- * Replaced restroom fixtures with slow closures
- * Replaced closet fixtures with more efficient ones
- * Updated hot water heaters with new more efficient ones
- * Updated HVAC in gym
- * Updated gym lighting with newer more efficient ones
- * Installed foam hand soap / uses less soap and water
- * New HVAC unit in kitchen with economizer to help with winter usage

Middle School Addition in 2004

- * Low wattage lighting
- * Lighting controls with motion sensors
- * New HVAC in all rooms
- * New restroom and fixtures
- * Installed foam soap / uses less soap and water

Lee Elementary Remodeled in 2008

- * Low wattage lighting
- * Changing out old HVAC units as they wear out
- * Installed foam soap / uses less soap and water
- * Replaced all outside doors

High School / 2001

- * Low voltage lighting
- * Updated HVAC installed
- * Installed foam soap / uses less soap and water
- * New HVAC unit in kitchen in 2008 with economizer to help with winter usage

High School / 2004

- * Low voltage lighting motion detectors
- * Updated HVAC installed

Griffis Elementary

- * Motion sensors for lighting in all classrooms
- * Low wattage lighting
- * Centrally controlled HVAC
- * Energy efficient HVAC
- * White vinyl roof
- * Economical HVAC installed
- * Motion activated sinks and toilets

Administration Building / Transportation / Warehouse

- * Motion sensors for lighting in all offices and work areas
- * Programmable digital thermostats in main offices
- * Energy efficient HVAC
- * Low wattage lighting
- * Low water usage devices in restrooms
- * White Vinyl roof

Transportation

- * Replace older buses with newer ones
- * Update engine parts to provide good clean service
- * Use ultra low sulfur diesel in all diesel buses and equipment
- * Using extended life Rotella 10,000 mile oil / this saves on the amount of waste oil
- * We recycle all waste oil and filters to a approved collection company
- * Reduce idle time while waiting on students

Future

- * Keep all buildings updated with new equipment
- * Investigate the lower particulate filters for buses
- * Change out more of the Lee Elementary HVAC to more efficient units
- * Keep a log on sprinkler systems to help make the most of every gallon
- * All new construction will need to comply with energy saving devices

(WORKING DOCUMENT)