

# YEAROUT

## E N E R G Y

### FACILITY IMPROVEMENT MEASURES

- Replaced 7,000 fixtures with new LED lighting and controls
- Installed 330-kW DC solar photovoltaic system
- Converted boiler plant to use waste gas from nearby landfill for heating
- Replaced over 1,000 tons of cooling
- Replaced 120,000 ft<sup>2</sup> of roofing with added insulation
- Remediated 90% of duct air leakage
- Optimized performance of 175 terminal units
- Installed 30 high-efficiency electrical transformers
- Installed evaporative pre-cooling on 960 tons of cooling
- Upgraded vacuum sanitation system with variable-speed drives and high-efficiency motors
- Added a new computer room air conditioning (CRAC) unit with air-side economizer
- Weather stripped 100 exterior doors
- Installed 8,000 ft<sup>2</sup> of phase change material

## BERNALILLO COUNTY METROPOLITAN DETENTION CENTER

### CLIENT

The Bernalillo County Metropolitan Detention Center or MDC is a 500,000 ft<sup>2</sup> correctional facility built in 2002 and situated on 155 acres located west of Albuquerque, NM. Bernalillo County engaged in a guaranteed energy savings performance contract (GESPC) with Yearout Energy to reduce utility and operational expenditures, address deferred maintenance issues and increase security at their main facility.

### CONTRACT DETAILS

Completion date: **Summer 2019**

Contract amount: **\$13.9 Million**



505.883.0915

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## BENEFITS BY THE NUMBERS

Year 1 Guaranteed  
**UTILITY SAVINGS: \$534,377**

Year 1 **OPERATIONS AND  
MAINTENANCE SAVINGS:**

**\$78,903**



**Utility REBATES:**

**\$300,000**

**REDUCTION IN  
Annual Emissions:**



**7,101,765 lbs**  
**CARBON DIOXIDE**

**REDUCTION  
in Annual  
Utility Costs:**

**49.8%**



## CLIENT TESTIMONIALS

“ ”

Bernalillo County is pleased with the outcome of this energy project. Working together with Yearout Energy, we were able to upgrade vital maintenance systems, which will drastically cut utility costs and help propel the county's goal of reducing our carbon footprint going forward.

- COUNTY MANAGER JULIE MORGAS BACA

“ ”

When we have an opportunity to take a facility like MDC and make it safe, secure and energy efficient – it's a huge win for all of us.

- COUNTY COMMISSIONER MAGGIE HART STEBBINS

“ ”

In all my years of experience dealing with different maintenance projects, this is the utmost, seamless, excellent project I have ever been a part of.

- CHIEF OF CORRECTIONS RALPH FERNANDEZ

**Practical Solutions. Meaningful Projects. Confident Outcomes.**

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