

# By the Numbers



## Oak Ridge

DOE's Oak Ridge Reservation contains three sites – Y-12 National Security Complex (Y-12), Oak Ridge National Laboratory (ORNL), and East Tennessee Technology Park (ETTP). The Office of Environmental Management (EM) has cleanup responsibilities at all three of these sites to address legacies from historic operations that purified isotopes, conducted advanced research, manufactured weapons components, and enriched uranium. EM's efforts are eliminating hazards, opening land for re-development, and modernizing campuses to enable vital ongoing scientific and energy research and national security missions. EM is completing major cleanup at ETTP in 2024, and it has begun large scale demolition at Y-12 and ORNL. These projects are addressing DOE's largest inventory of high-risk excess contaminated facilities. Other efforts underway involve eliminating the inventory of uranium-233 at ORNL and building infrastructure needed to remediate areas with dense mercury-contamination at Y-12.

### 1st site

in the world to remove a former enrichment complex.

### 1/2 Million

curies of legacy material being recycled for new power systems.

### By 2028

OREM is expected to finish processing, downblending, and disposing the remaining inventory of uranium-233 stored at ORNL.

### Cleared & Transferred

18 acres for new Lithium Processing Facility at Y-12.



### 13.6M

square feet of facilities demolished at the former uranium enrichment complex.

### 500,000

cancer treatment doses will be generated annually from isotopes extracted from U-233 inventory.

### 13,000 lbs.

of mercury retrieved and prevented from entering the environment.

### 5,500 feet

of piping replaced at ORNL waste treatment facility.

### 70 year old

reactors coming down in ORNL's central campus.

### 1,760

acres of land transferred to the local community for reuse and economic redevelopment.



U.S. DEPARTMENT OF ENERGY

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