

ORISE FY2003 and FY2004 Energy Management Performance Agreement

OBJECTIVE 1 (required)

Energy Management initiatives are managed consistent with a Comprehensive Energy Management Program and Plan (CEMP) that includes the minimum requirements of DOE O 430.2A, Departmental Energy and Utilities Management.

MEASURE 1

The ORISE CEMP has been updated to include minimum requirement of DOE O 430.2A and its Contractor Requirements Document (CRD).

FY2003 EXPECTATIONS

1. Energy reduction commitments accomplished ÷ commitments scheduled to be accomplished during FY2003 in accordance with the ORISE CEMP Section 2.1, Reduce building energy consumption.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

2. CRD incorporated into CEMP and CEMP updated by March 31, 2003.

Gradient:

Exceeds expectations	CEMP updated and CRD incorporated by 1/31/03
Meets expectations	CEMP updated and CRD incorporated by 2/28/03
Needs improvement	CEMP updated or CRD incorporated after 3/31/03

FY2004 EXPECTATIONS

1. Energy reduction commitments accomplished ÷ commitments scheduled to be accomplished during FY2004 in accordance with the ORISE CEMP Section 2.1, Reduce building energy consumption.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

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OBJECTIVE 2 (required)

Energy use reductions and green house gas reductions show continuous improvement and are on target toward meeting the DOE, energy efficiency leadership goals consistent with DOE O 430.2A.

MEASURE 2

$((PY-CY)/PY) \times 100 =$ percent reduction, where PY = previous year energy user per gross square foot and CY = current year energy use per gross square foot as reported in DOE's Energy Management System 4.

FY2003 and FY2004 EXPECTATIONS

Metrics relative to Green House Gas reductions are detailed in Objective 3.

In lieu of establishing expectations regarding energy use reductions per Objective 2, ORISE offers the following:

1. In 1998, an independent energy engineering subcontractor completed a comprehensive energy audit of all of the ORISE Oak Ridge facilities. Since that time, utilizing a combination of funding resources (including ORAU Corporation funding) ORISE has implemented all economically viable (simple payback < 10 years) energy conservation opportunities (ECOs) identified in the audit. ORISE continues to monitor and implement ECOs identified in the audit that have a simple payback slightly greater than 10 years, as energy costs and economic conditions change to warrant their funding.
2. Since 1993, ORISE has been very proactive in managing and reducing energy consumption. By the end of FY2001, ORISE had reduced energy consumption at its Oak Ridge facilities by more than 30% relative to 1993 and 23% relative to 1985, on a BTU/GSF basis. Currently, the ORISE facilities consume less than 45% of the average DOE facility.
3. Although few economically viable ECOs currently exist, ORISE continues to aggressively pursue alternative energy reduction strategies. Examples include building energy efficiency into small equipment and building system retrofits, engineering energy efficiency and sustainability into new ORISE and ORAU building designs, training facilities management professionals in energy management techniques, tracking and reporting energy consumption and related costs, closely monitoring and maintaining energy consuming building equipment and systems, and conducting employee energy conservation awareness activities.
4. In addition to pursuing the above strategies, ORISE is well into a multi-year program of building consolidation and modernization. Over the next four years, ORISE will vacate several energy-inefficient WWII vintage buildings and consolidate all of its Oak Ridge operations from the current 6 sites into only 3 sites.

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OBJECTIVE 3

Reduce ORISE greenhouse gas emissions.

MEASURE 3

Positive steps implemented to reduce ORISE facility and automotive greenhouse gas emissions.

FY2003 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2003 in accordance with the ORISE CEMP Section 2.2, Reduce greenhouse gas emissions attributable to facility and automotive energy use and expand the use of renewable energy.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

FY2004 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2004 in accordance with the ORISE CEMP Section 2.2, Reduce greenhouse gas emissions attributable to facility and automotive energy use and expand the use of renewable energy.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

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OBJECTIVE 4

Enhance ORISE energy conservation efforts.

MEASURE 4

Positive steps implemented to enhance ORISE employee energy conservation awareness and energy management education.

FY2003 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2003 in accordance with the ORISE CEMP Section 2.3, Utilize training, education, and employee performance management systems to improve employee energy awareness and enhance energy conservation efforts.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

FY2004 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2004 in accordance with the ORISE CEMP Section 2.3, Utilize training, education, and employee performance management systems to improve employee energy awareness and enhance energy conservation efforts.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

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OBJECTIVE 5

Track ORISE energy consumption and report on energy management activities.

MEASURE 5

Prepare and submit energy management related reports in accordance with DOE O 430.2A and DOE/ORO requirements.

FY2003 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2003 in accordance with the ORISE CEMP Section 2.4, Report on energy conservation activities.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished

FY2004 EXPECTATIONS

1. Energy requirements accomplished ÷ requirements scheduled to be accomplished during FY2004 in accordance with the ORISE CEMP Section 2.4, Report on energy conservation activities.

Gradient:

Exceeds expectations	≥85% of applicable commitments accomplished
Meets expectations	≥75% to 85% of applicable commitments accomplished
Needs improvement	<75% of applicable commitments accomplished