



U.S. Department of
ENERGY

Real Property Efficiency Plan

Reduce the Footprint Policy Implementation
Update for the Period: FY 2018 – FY 2022

October 2017

United States Department of Energy
Washington, DC 20585

Message from the Deputy Secretary

The Department of Energy (DOE or the Department) manages and operates a large, diverse, portfolio of assets. We depend on effective and efficient management of these assets to promote scientific innovation, enhance nuclear security, sponsor basic research in physical sciences, and ensure safe and effective cleanup of Cold War legacy waste. Much of DOE's real property portfolio reflects aging infrastructure that originated in the 1940s Manhattan Project. Our challenge is to acquire, align, sustain and dispose of real property assets to most effectively support current and future mission requirements.

This year's update reports DOE's progress toward achieving the real property reduction goals reported in the FY 2016 – FY 2020 Real Property Efficiency Plan (RPEP), outlines DOE's continued focus on disposition of unneeded assets and long term focus on efficient and sustainable real property use. Comparing the FY 2016 and FY 2015 Federal Real Property Profiles showed that in FY 2016 DOE reduced 292,140 square feet of office and warehouse space. In FY 2016, DOE also reduced over 974,000 square feet of owned building area with uses other than office or warehouse. The amount of office and warehouse space disposed in FY 2016 exceeded estimates by over 200 percent; demonstrating DOE's commitment to aggressive disposal of unneeded real property.

For the period FY 2018 - 2022, DOE anticipates continuing to aggressively dispose of unneeded real property with a planned net reduction in warehouse space of 330,000 square feet. Over the same period DOE expects a net increase in office space of 138,000 square feet, primarily due to a new 324,000 square foot office building in FY 2021. For the FY 2018 – 2022 period, the Department anticipates a net reduction of over 2.2 million square feet of building area with uses other than office or warehouse. Combined, the total projected net reductions exceed 2.4 million square feet. Going forward, DOE will ensure that this plan is consistent with the Department's Agency Reform Plan.

Additionally, in FY 2016 DOE issued a new workspace design standard an average of 180 square feet useable area per person. The new standard applies DOE-wide to all new offices and work stations in new construction, leases and renovation projects, regardless of predominant use.

If you have any questions, please contact me or Mr. Scott L. Whiteford, Senior Real Property Officer and Director, Office of Asset Management, at (202) 287-1563.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Brouillette". The signature is fluid and cursive, with a large initial "D" and "B".

Dan Brouillette



Real Property Efficiency Plan

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I. Introduction

The Department of Energy (DOE or the Department) is responsible for advancing the energy, environmental and nuclear security of the United States; promoting scientific innovation in support of that mission; sponsoring basic research in the physical sciences; and ensuring the environmental cleanup of the Nation's nuclear security enterprise. DOE is responsible for a vast portfolio of infrastructure that consists of world-leading scientific and production tools and the general purpose infrastructure needed to enable the use of those tools. DOE has the fourth largest inventory of real property in the Federal government by square footage, and its complex includes seventeen DOE National Laboratories, National Nuclear Security Administration (NNSA) plants, the Federal Energy Regulatory Commission (FERC), four Power Marketing Administrations, and Environmental Management (EM) cleanup sites. The Department has an annual budget of about \$28¹ billion and employs approximately 15,000 Federal and 100,000 contractor employees who conduct nuclear security, scientific research, energy research and development, environmental cleanup at over 85 sites in the United States, and long-term surveillance and maintenance at about 90 defense legacy sites.

The Department maintains an inventory² of approximately 21,000 real property assets, including 10,000 buildings, 2,000 trailers and 9,000 other structures and facilities covering an estimated 131.4 million square feet (SF) on approximately 2.2 million acres of land³. DOE's annual cost for management and operation of this inventory is \$2.0 billion⁴. The replacement plant value of these assets (not including land value) is approximately \$131 billion. DOE's real property portfolio comprises diverse facilities, including unique fission reactors, accelerators and high-performance lasers. This portfolio of land, facilities, and other assets is the foundation of DOE's ability to conduct its mission, and represents one of America's premier assets for science, technology, and nuclear security. The vast majority, 88 percent, of the Department's portfolio is owned by DOE⁵. Real property owned or leased by the General Services Administration (GSA) represents roughly five percent of DOE's portfolio. The remainder of the portfolio is made up of leases directly held by DOE or contractor leases specifically approved and paid for by DOE to support and achieve one or more of DOE's missions, see Figure 1.

Much of DOE's property portfolio reflects an infrastructure originating in the 1940s as part of the Manhattan Project. Many of these facilities, which may include unutilized, under-utilized or excess property, are often in remote and secure locations and require extensive decontamination prior to disposal. DOE's challenge is to sustain, modernize and effectively align real property assets with current and future mission requirements while meeting the

¹ FY 2018 Department of Energy budget request as cited in the President's "America First" budget request

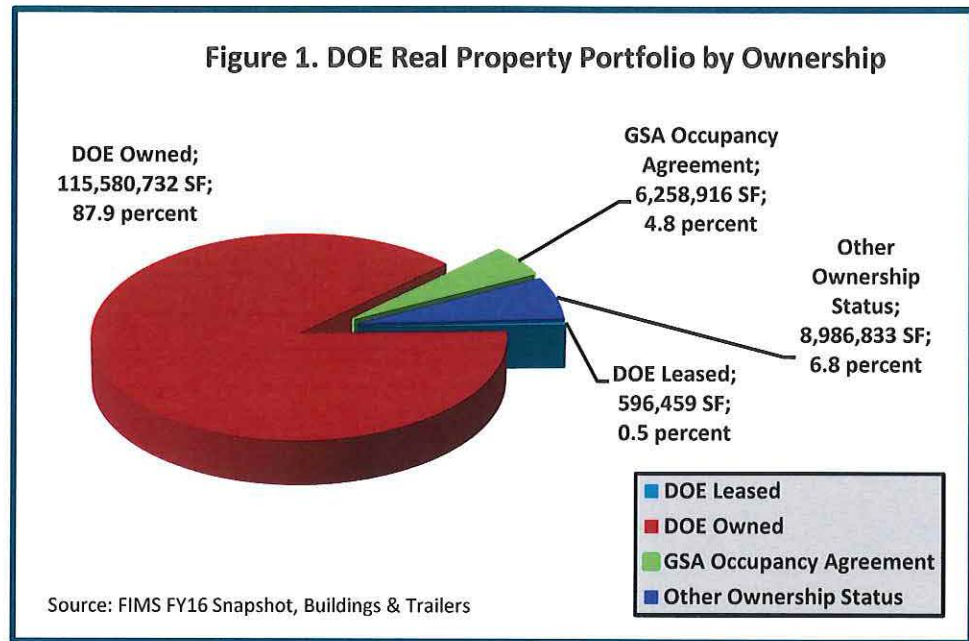
² DOE inventory includes the following real property: DOE owned and leased; GSA owned and leased; and contractor leased and licensed

³ FY 2016 Facilities Information Management System Annual Snapshot

⁴ FY 2016 Federal Real Property Profile Summary Data

⁵ Title to real property is held by the "United States" acting through the departments and agencies. For simplicity, any property managed and controlled by DOE or GSA will be referred to as "DOE-owned" or "GSA-owned."

obligation to remediate the environmental legacy of over seven decades of nuclear research, development and weapons production. DOE has approached these challenges using three primary strategies: dispose of excess facilities and require disposition offsets for new construction; conversion of existing, suitable facilities for new use; and, reduce net growth of space overall, with emphasis on office and warehouse space.



Since Fiscal Year (FY) 2002, DOE has managed a program to offset new construction with disposition, on an “at minimum” one-for-one square footage basis, for all owned buildings and real property trailers regardless of usage. From FY 2002 to the end of FY 2016, the Department achieved a net

reduction in overall footprint of 20 million gross SF. Typical methods of disposition include demolition, lease termination or expiration, transfer for economic development, or sale. Excess facility elimination and disposition remains a real property management priority.

The Department’s real property reduction targets for FY 2018 - 2022 are discussed in Section V. Reduction Targets. However, the Department’s net reduction target, comprised of total planned dispositions compared to total planned new real property, over the 5-year plan period is 2.4 million SF. Achieving the target is largely dependent on resourcing for dispositions as well as funding new footprint requirements. Program offices and Headquarters organizations are responsible for execution of their planned footprint reductions. However DOE leadership has emphasized the importance of eliminating unneeded real property and therefore the Headquarters staff monitors the progress of each program office.

II. Roles and Responsibilities of Senior Officials

The effective planning, acquisition, sustainment and disposal of the Department’s real and personal property assets requires the commitment of the entire organization, including leadership and staff at DOE Headquarters and site, field and operations office locations. The Secretary establishes Departmental policy for real property management. The Deputy Secretary is responsible for overseeing the asset management system and program

implementation by Departmental elements. The key DOE organizations and positions responsible for establishing and managing the business process used to determine the annual real property budget and its component funding levels are DOE Under Secretaries and the Chief Financial Officer (CFO) with support from the Senior Real Property Officer (SRPO).

DOE Under Secretaries are ultimately responsible for the condition and safety of the property at their sites as well as its capability to meet mission needs. They carry out their programs and responsibilities through the NNSA and program offices including the Office of Science (SC), the Office of Fossil Energy (FE), the Office of Energy Efficiency and Renewable Energy (EERE), the Office of Nuclear Energy (NE), the Office of Enterprise Assessments (EA), the Office of Environmental Management (EM) and the Office of Legacy Management (LM).

CFO has direct responsibility for oversight of the Department's financial management, budget formulation and execution, and corporate business systems, including internal controls.

The SRPO is charged with duties described in Section 3 of Executive Order 13327, *Federal Real Property Asset Management*, including responsibility for monitoring and reporting on the real property inventories, establishing policy to improve operational and financial property management, and measuring and reporting real property performance. The SRPO leads the Office of Asset Management and as such is responsible for establishing policy, guidance and oversight of real and personal property for the Department. The SRPO is also the Head of Contract Authority for Real Property for real estate contracting actions. The program offices are responsible for identifying and developing real property requirements as well as the execution of acquisition and disposal transactions. NNSA assures appropriate review of similar real estate transactions. The recently issued DOE Order 430.1C gives SRPO review and approval authority for all leases, and occupancy agreements with GSA, with average annual rent of \$1.0 million, or more. The SRPO has no other direct authority for reviewing and/or approving space disposal and acquisition projects.

The Department determines the annual real property budget through inputs provided by the sites and Headquarters program offices. Using a template referred to as the Integrated Facilities and Infrastructure Crosscut Budget (IFI Crosscut), DOE consolidates inputs from multiple funding programs and develops a 5-year budget that identifies the funds needed for facility and infrastructure construction, maintenance/repair, and disposal/demolition, by site. The IFI Crosscut ensures full visibility of resources planned for this functional area. The SRPO provides technical assistance in completing the IFI Crosscut, but is not in the review or approval process for budget submission.

III. Budget Assumptions and Impact to Reduction Targets

The Department develops budgetary guidance, in accordance with Administration policy, which the program offices use to identify and prioritize real property needs against mission requirements, which translate into planned office and warehouse and owned property acquisitions and reductions. For example, the Department's new office space design standard, which is discussed in Section V. Reduction Targets, will be incorporated into future budget guidance in order to support footprint reduction in future real property acquisition projects. All planned acquisitions and reductions are identified by the appropriate fields in the Department's real property system of record, the Facilities Information Management System (FIMS). The data in FIMS reflects the Department's planning assumptions for the second and third fiscal years covered by this plan and beyond.

Program offices and Headquarters organizations are responsible for making budget assumptions and building subsequent budget submissions, based on Administration and DOE budgetary guidance⁶, historical and projected mission requirements and anticipated availability of resources.

IV. Portfolio Status

Overall Agency Building Portfolio

By the end of FY 2016 the Department's portfolio of owned and leased buildings totaled just over 120.8 million gross SF, which is a net reduction of 2.5 million gross SF from the previous year⁷. Office and warehouse facilities continued to represent about 31 percent of DOE's real property inventory, of which approximately 90 percent were obtained under the Department's acquisition authority and 10 percent via GSA Occupancy Agreement (OA), see Table 1.

Table 1. FY 2016 Portfolio Summary per FRPP (All property, including the Reduce the Footprint (RTF) Baseline properties)

Building Use	Direct Lease Space	Owned Space	OA Space
Office	540,428 SF	20,846,637 SF	3,471,538 SF
Warehouse	6,809 SF	11,342,659 SF	165,350 SF
Other	49,222 SF	82,790,665 SF	1,626,234 SF
Total	596,459 SF	114,979,961 SF	5,263,122 SF

While the Department does not face any new statutory missions that would drive growth and did not face any major challenges establishing the FY 2018 - 2022 reduction targets, the

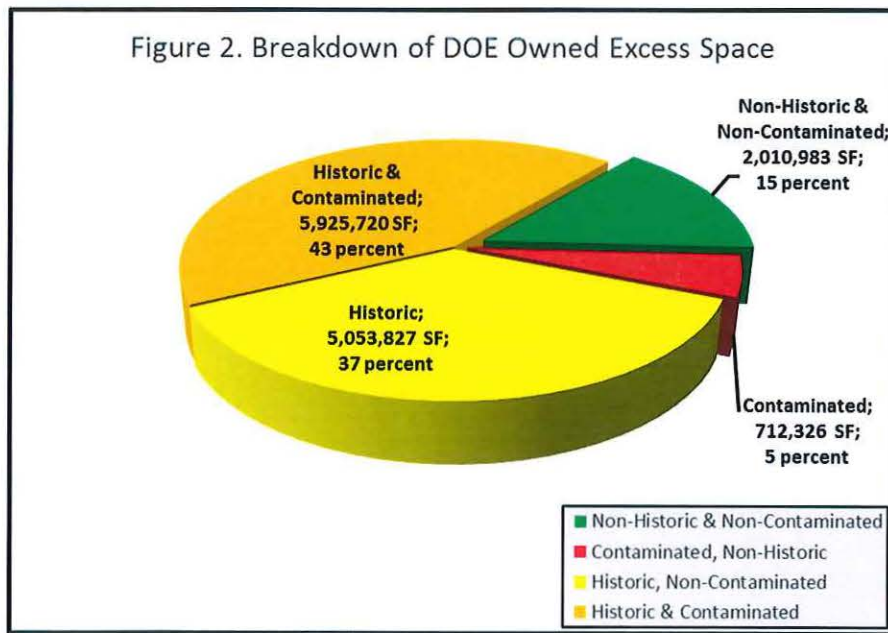
⁶ Additional FY 2018 Requirements Budget Guidance on General Purpose Infrastructure and Excess Facilities, August 10, 2016.

⁷ Based on comparison of the FY 2015 and FY 2016 Federal Real Property Profiles for DOE.

Department’s real property portfolio does include a significant inventory of facilities identified for disposal, many of which are highly complex and heavily contaminated. The safe and secure disposition of these facilities is a long-term challenge that in many cases requires actions to prepare for disposal that are uncommon, highly technical, very expensive and of long duration. These unique activities include stabilization (removal of nuclear materials, spent fuels, wastes, classified documents and equipment); deactivation (shut down and removal of active systems); and decommissioning (dismantlement and demolition). While the Department has made substantial progress in disposal of these legacy contaminated excess facilities, the remaining facilities continue to pose risks to health, safety and the environment.

As stated above, the primary elements driving the Department’s space needs are replacing Manhattan Project and Cold War era facilities and consolidating staff to reduce unneeded building space. Many of the Department’s seven decades old facilities are no longer suitable for state-of-the-art research, development and production and have become too old, too costly and unable to efficiently support the mission due to antiquated and inadequate working spaces, equipment, utilities and environmental conditions (e.g., electronic and acoustic interference). The Department must provide cutting-edge facilities that support research in emerging technologies, maintain the Nation’s nuclear security and foster collaboration while consolidating into the safest and most efficient spaces for the DOE workforce.

As a result of the FY 2016 National Defense Authorization Act, the former Secretary of Energy established the Excess Contaminated Facilities Working Group (ECFWG) to analyze options, potential risks, and rough order of magnitude cost estimates, to deactivate and decommission excess nuclear facilities. The ECFWG used enterprise-wide data to define the scope of the



challenge, propose risk-informed approaches for addressing DOE’s contaminated excess facilities, and report the findings to Congress⁸. Disposition of process contaminated facilities is managed within EM’s Site Restoration Program. The non-process contaminated facilities are disposed of within the infrastructure management framework of the individual program offices. At the end of FY

⁸ Plan for Deactivation and Decommissioning of Nonoperational Defense Nuclear Facilities, DOE, Dec 2016.

2016, DOE's real property inventory included approximately 13.7 million gross SF of excess building area, of which 48 percent contains some form of chemical, nuclear, radioactive, or biological hazard and 80 percent classified as historic⁹. The breakdown of DOE's excess building area is shown in Figure 2.

Current funding levels for disposal of unneeded facilities, while substantial, are still insufficient to address all of these issues effectively in the near term. Accordingly, the Department is focused on developing strategies for addressing these facilities in a prioritized manner. These strategies are explained in Section VIII. Compliance Internal Controls.

Status Relative to Reduce the Footprint Baseline Requirement

The Department aggressively executed real property disposition actions in FY 2016 and outperformed projected reductions by a wide margin. In the FY 2016 – FY 2020 RPEP the Department projected net reductions in Reduce the Footprint Baseline assets of 93,262 SF. The projected baseline reductions were comprised of 30,191 SF of office space and 63,071 SF of warehouse space. Comparing the Department's FY 2016 FRPP to the FY 2015 FRPP, shows a net reduction of 292,140 SF, comprised 187,062 SF of office space and 105,078 SF of warehouse space. By continuing the practice of "at minimum" one SF of disposition for one SF of new footprint, aggressively pursuing opportunities to execute disposition projects earlier than planned, and following the "three key steps to improved real property management,"¹⁰ which are freeze, measure, and reduce, the Department exceeded the FY 2016 net reduction goal of 93,262 SF by more than 200 percent.

V. Reduction Targets

Reduction Targets for Office and Warehouse Space

DOE program offices and NNSA use a variety of planning methods and systems to assure that appropriate facilities are available to meet mission needs in a cost-effective manner. DOE Order 430.1C requires that annually DOE elements must conduct real property planning and provide 5-year real property planning and budget documentation, which is used to develop infrastructure budget requirements in accordance with Administration, Department and program office budgetary guidance. Each DOE elements' planning documentation identifies site-specific actions envisioned to meet acquisition, sustainment, and disposition goals for their facilities as well as management and performance goals established by Departmental and Executive leadership. DOE Order 430.1C specifically requires real property planning documentation address reduction or consolidation of space, specifically addressing space policy, program benchmarks for space utilization, and space assignment and utilization standards.

⁹ Historic designation includes: National Historic Landmark, National Register Listed, or National Register Eligible.

¹⁰ Office of Management and Budget (OMB)'s "National Strategy for the Efficient Use of Real Property 2015 -2020"

Sites use FIMS to report assets that are, or will become, excess over the course of the 5-year planning period. Sites also use FIMS to maintain a list of assets that they intend to acquire, expand, or lease. New assets may be acquired through either Department authorities or GSA.

The Department relies on industry standards and benchmarks to improve the efficiency and effectiveness of its real property assets. Using key data elements from FIMS, the Department can benchmark portfolio performance against industry benchmark data. Several key benchmarks DOE is developing to help track real property utilization and management efficiency include: “Utilization Index” and “Occupancy Rate” to focus on the degree to which the Department is using its existing space; “Condition Index” to provide insight into the portfolio’s state of repair; “Maintenance Investment Index” to relate infrastructure maintenance funding levels to the portfolio’s overall value; “Deferred Maintenance Index” to highlight the Department’s backlog of facility maintenance and repair requirements, and; “Excess Disposition Index” to show the amount of building and trailer square footage the Department disposed of in relation to the overall portfolio.

Despite a relatively stable inventory of real property that is mostly owned, not leased, the Department is committed to reducing all building space, owned and leased, including office and warehouse. DOE Order 430.1C, *Real Property Asset Management*, requires 5-year real property planning that: identifies the optimum set of facilities and infrastructure to maintain each core capability; includes reduction or consolidation of space, specifically addressing the space policy cited in the *National Strategy for the Efficient Use of Real Property 2015-2020*; and identifies offsets, of equal or greater size for, owned buildings, offices and warehouses. For the period of FY 2018 – 2022, the Department anticipates a need for 622,000 SF of new office space and 73,000 SF of new warehouse space. This need will be off-set with a 484,000 SF and a 403,000 SF reduction in existing office and warehouse space, respectively. The result over the period is a net increase in office space of 138,000 SF and a net reduction in warehouse space of 330,000 SF (see Table 2). The Department’s *Plan to Maintain the Reduce the Footprint Baseline* lists the asset level data used for the annual targets, see Attachment A.

Building Use	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Office Target (Net SF Reduction)	76,500	28,800	(7,800)	(217,600)	(17,600)	(137,700)
Warehouse Targets (Net SF Reduction)	98,900	129,700	12,500	46,900	42,000	330,000
Total (Net SF Reduction)	175,400	158,500	4,700	(170,700)	24,400	192,300

Table 2. Domestic Office and Warehouse Reduction Targets FY 2018 - 2022

Note: Reductions are reported as a positive value; any additions are noted by a ()
 Source: Attachment A, *Department of Energy Plan to Maintain the Reduce the Footprint Baseline*

Performance Benchmarks

As stated previously, the Department is developing several key metrics which rely on the FIMS database. FIMS database also enables the Department to track performance benchmarks, such as operations cost per SF, rent per SF, and square feet per person. FRPP management tool, OMB MAX, has similar capabilities as FIMS, which the Department uses to inform the process of identifying and prioritizing consolidation and disposal projects. The Department's process relies on the program offices evaluating mission requirements, in conjunction with FIMS data, to identify and prioritize consolidation and disposal opportunities. To further assist the program offices in identifying potential consolidation and disposal projects, in 2014 the Department engaged GSA to conduct a Customer Portfolio Plan (CPP). CPP evaluated all DOE Occupancy Agreements (OA) and DOE executed leases. CPP identified one potential consolidation, at DOE's Environmental Management and Consolidated Business Center (EMCBC), Cincinnati, OH. Subsequently it was mutually agreed, by GSA and DOE, that DOE would implement the EMCBC consolidation outside the CPP. Completion is currently estimated for January 2019. The Department remains committed to the leveraging the GSA CPP process when appropriate opportunities arise.

Another GSA tool the Department employs is the Targeted Asset Review (TAR). The Department leverages TARs to support day-to-day asset management decisions, such as identifying how an asset can best be used to support mission requirements, both current and in the future. Most recently the Department has used TARs for analyzing options to maximize potential development and utilization, including identifying and analyzing available authorities and methods for disposing of real property that may be excess to the Department's needs.

Disposal Targets for Owned Buildings

The Department has continued pursuing an aggressive program for reporting excess property to GSA for disposition with the ultimate goal of driving the percentage of unutilized, or under-utilized, building area for owned buildings with a predominant use other than office or warehouse to 10 percent or less. The focal point of the analytical and business processes for determining disposal targets is the annual real property planning process, which is required per DOE Order 430.1C. Program-level real property plans document how real property assets support DOE's strategic plan and Program guidance. Real property planning and budgeting documentation identifies how programs and sites will meet mission, budget and performance outcomes within budget projections; assess real property assets against missions, to include addressing space utilization and excess facilities disposition; and, prioritize real property projects, including disposition of excess property.

Net reduction targets for the planning period FY 2018 – 2022 are displayed in Table 3. The Department's *Owned Building Disposition Plan* lists total dispositions based asset level data, for the Plan period, see Attachment B.

Table 3. Disposal Targets for Owned Buildings FY 2018 - 2022

Other Buildings	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Disposal Target (Net SF Reduction)	(202,400)	(304,400)	2,032,100	731,700	(2,900)	2,254,100
Disposal Target (# buildings)	50	29	31	69	21	200

Note: Reductions are reported as a positive value; any additions are noted by a ()
 Source: Attachment B, *Department of Energy Owned Building Disposition Plan*

While diligent efforts are put forth in developing infrastructure acquisition and disposition plans, these disposal targets are contingent on funding availability, competing or emergent mission requirements and regulatory requirements. Disposition plans may shift depending on mission need and health, safety, environment, security risk and the input provided by the local community at time of actual execution. The Department intends to update reduction targets annually. The Department’s efforts to dispose of its legacy, high-risk, facilities is reflected in the Department’s footprint reduction targets.

The Department’s FY 2018 targets include disposition of approximately 308,000 SF of office or warehouse space and over 189,000 SF of owned space with a predominant use other than office or warehouse. Compared with the previous report, these disposition targets reflect the aggressiveness with which the department has pursued disposing unneeded facilities in the period FY 2015 to 2017.

Of specific note, the FY 2018 disposition targets for owned space, other than office or warehouse, in the Department’s FY 2017 – FY 2021 RPEP included demolition of Building K-27, Gaseous Diffusion Plant at the East Tennessee Technology Park, Oak Ridge, Tennessee. Building K-27 was a highly deteriorated uranium-enrichment plant. Demolition of this one million gross SF facility was both started and completed in FY 2016, two years ahead of schedule.

Maintenance of the Reduce the Footprint Baseline

Despite the Department’s aggressive action to reduce unutilized and under-utilized space, approximately 14 percent, or 3.6 million gross SF, of the Department’s 26.2 million gross SF of office space is unutilized or under-utilized space and approximately two percent, 604,000 gross SF, remains to be evaluated. Unutilized and under-utilized warehouse space accounts for about 19 percent, 2.3 million gross SF, of the Department’s 12.2 million gross SF of warehouse space. Approximately 0.1 percent, 16,000 gross SF, of warehouse space remains to be evaluated. These compare favorably with FY 2017 – FY 2021 RPEP reported unutilized and under-utilized office space of 3.7 million gross SF and warehouse space of 1.9 million gross SF and continue a two-year trend of reducing unutilized and under-utilized office and warehouse space. Concurrently, the amount of office and warehouse space evaluated for utilization has steadily increased, for example in the FY 2016 – FY 2020 RPEP 87 percent of office space had been evaluated, it is now approximately 98 percent. Evaluation of warehouse space has similarly improved and is now at nearly 100 percent.

Facility operating principles used to address this space also support reduction of the footprint and include:

- Optimizing space for functionality;
- Increasing density;
- Eliminating old, expensive, and difficult to maintain facilities; and
- Replacing old facilities with modern, flexible, collaborative and efficient space in accordance with sustainable practices.

For assets not predominantly used as office or warehouse, space is managed to ensure that inventory not fully utilized or excess is minimized through consolidation, reuse or disposal. Attachment B provides an asset-level disposition plan for space currently identified by the sites and determined excess to the Department's needs.

The consolidation of the EMCBC, Cincinnati, Ohio, as identified in GSA's 2014 CPP, and reported in the FY 2016 – FY 2020 RPEP is on track for 2019, when DOE will vacate two leased facilities and move into a local Federal Building. This move is still anticipated to reduce this DOE location's office and warehouse footprint by 2.5 percent, or 2,000 SF.

In the FY 2016 – FY 2020 RPEP DOE reported TARs at Brookhaven, New York and Oak Ridge, Tennessee. The TAR for Brookhaven was completed in FY 2015 and followed by an alternatives analysis and feasibility study that completed in FY 2016. GSA performed TARs on two additional properties in Oak Ridge that were completed in FY 2016. Of the two TARs, one resulted in a disposal action, that is now complete, and the other is undergoing evaluation. Historically, DOE has used the information provided in the TARs and feasibility studies to help inform decisions regarding utilization of the subject assets.

In *Example Projects for Public Tracking* the Department provides examples of planned and actual reductions to office and warehouse space through consolidation, co-location, or disposal suitable for tracking on performance.gov, see Attachment C. Though the RPEP report guidance requires only three examples, the Department is offering ten examples to further demonstrate DOE's commitment to both reducing and right-sizing our real property holdings. In addition to the consolidation of the EMCBC, mentioned above, the examples include: a consolidation project in Berkeley, California; five demolition projects, totaling over 620,000 SF of multiuse space, in Oak Ridge, Tennessee, and; demolition of over 19,000 SF of office space at the Idaho National Laboratory in Scoville, Idaho.

Space Design Standard for Future Reductions

In December 2016 the Department issued an updated design standard for office space an average of 180 useable square feet (USF) per person and has since worked to incorporate the workspace standard into new construction, new leases and renovation projects. The new standard is the result of a 10-month effort, supported by GSA's Total Workplace Program Management Office, which studied the Department's wide range of missions, operating environments and locations in order to make an objective evaluation of the requirements for

offices and work spaces. The updated design standard will be incorporated in the next update to DOE Order 430.1C and the Office of the Chief Financial Officer will incorporate the new standard into future fiscal year budget guidance.

VI. GSA Consolidation Program

In 2016, GSA introduced a “consolidation tool” and made it available to agencies to help identify potential opportunities for consolidation or co-location. The consolidation tool allows users to search a database, based on FRPP data, of office space owned or leased by GSA or other agencies in a specific geographic area. For each space in the database, the tool provides a point of contact for the agency that controls the space. The intent is for agencies to use this contact information to inquire about potential co-location or consolidation.

The primary challenge for DOE in using the consolidation tool is that it uses FRPP data to make certain assumptions about the ability of existing office space to accommodate additional personnel. Using data on the square footage of each space and the reported number of occupants, the tool applies the GSA-preferred utilization rate of 150 square feet useable area per person, to estimate how many additional occupants the space can accommodate. This calculation has limitations in practice as the configuration of the space, security, or present staffing levels, may not actually allow for additional personnel. Despite this shortcoming, the consolidation tool is an excellent resource for identifying potential consolidation opportunities because it provides access to a great deal of information that was not previously available.

The Office of Asset Management (OAM) encourages the DOE real estate community to use the consolidation tool. OAM distributed information to the community on how to obtain access to the consolidation tool, its functionality, and potential to further space reduction efforts. OAM is also incorporating the consolidation tool into real estate guidance documents. For example, DOE Order 430.1C contains a new requirement for headquarters review of certain leasing actions. In December, 2016, OAM issued guidance to implement this new requirement that calls for use of the consolidation tool to identify existing federal buildings and leases that may have sufficient space available to accommodate the DOE space requirement. The guidance further advises real estate personnel to contact listed agency points of contact to determine if consolidation is a viable option. The consolidation tool will be incorporated into other relevant guidance documents as updates occur.

VII. Compliance Internal Controls

The current and planned standards, methods and policies are intended to support the Department in:

- Achieving its organizational objectives;

- Obtaining, maintaining, reporting and using reliable and timely information for decision making; and
- Complying with laws, regulations and policies.

Broadly, the Department's approach includes, at minimum, maintaining the one-for-one offset policy, modifying the real property asset inventory and financial management and accounting systems and strengthening management practices. DOE Under Secretaries, the NNSA and program offices, field and site offices, sites and DOE Headquarters support offices each contribute to effective implementation and control of the Department's Real Property Efficiency Plan.

Control Acquisition of New Owned and Leased Assets at the Department and Component Level

- Record in FIMS the planned acquisition of building area regardless of predominant use or acquisition method.
- Programs obtain Senior Realty Officer concurrence prior to initiating an acquisition or renewing DOE leases or GSA Occupancy Agreements with an annual rent of one million dollars or more. NNSA reviews internal procedures to assure appropriate review of similar real estate transactions.
- Work with DOE stakeholders to incorporate information on projects that impact office or warehouse building area in future Congressional Budget Integrated Facilities and Infrastructure Crosscut budget submissions.
- Comply with DOE Order 430.1C, which requires DOE Elements "Determine the optimum set of facilities and infrastructure needed to maintain each applicable core capability."

Ensure Properties Declared "Excess" and "Surplus" Move to Final Disposition in a Timely Manner.

- For the FY 2019 budget cycle, the OAM will work with Office of the CFO to establish budget guidance supporting Management Procedures Memorandum 2015-01, issued by OMB and dated March 25, 2015 (MPM No. 2015-01), including identification and tracking of high priority projects that consolidate disparate operations at a single location, reduce square footage, dispose of unneeded properties, or co-locate services in proximity to customers served.
- OAM will review and update existing policies, controls and documentation requirements to strengthen the Department's internal excess screening processes and declarations of excess to GSA.

Ensure Consolidation and Co-location Project Opportunities are Identified Across the Portfolio and Prioritized for Action

- Program offices will continue the practice, started in FY 2016, of conducting portfolio reviews across sites. In conjunction with their annual planning processes, Program

offices will identify and prioritize disposals, reductions or consolidation opportunities, based upon mission requirements and return on investment.

Manage the Implementation of RTF Policy Department-Wide

In FY 2016 the Department undertook a wholesale review and update of its real property performance measures, as described in Section V. Reduction Targets. The below listed measures will remain in effect until the updated performance measures are finalized and promulgated.

- On a quarterly basis, OAM will evaluate the Department's footprint and evaluate performance against planned targets and performance benchmarks using FIMS, FRPP and GSA rental agreement information following specified OMB/GSA evaluation criteria.
- On an annual basis and concurrent with their annual certification of FIMS data supporting the FRPP submission, Programs will review and verify the planned acquisition and disposal information in FIMS.
- On an annual basis OAM will track trends in office and warehouse utilization rates and include those trends in the Department's annual state of infrastructure report.
- Annually, within the timeframe specified by OMB, the Department will issue an updated Real Property Efficiency Plan for the following five fiscal years.
- OAM will prepare various reports identifying size corrections, usage code changes, dispositions and acquisitions identifying any that occurred independent of data calls or the acquisition module in FIMS, as needed.
- Require current space utilization survey prior to project authorization for new acquisition or renovation of space subject to DOE's office space design standard.
- Incorporate field verification of space utilization surveys into the annual FIMS Data Validation process.
- FIMS data, including size, are reported quarterly to the Office of Chief Financial Officer for reconciliation with the Active Facilities Data Collection System (AFDCS). The information from AFDCS and other reports are used to prepare the environmental liability portion of the annual, audited financial statement.
- The Department's Agency Financial Report for FY 2016 included OMB Circular A-136 compliant progress reporting for Freeze the Footprint policy implementation. The FY 2016 Agency Financial Report was the last to require Freeze the Footprint reporting. Department will continue to meet the reporting requirements specified by OMB in support of OMB Memorandum M-12-12, *Promoting Efficient Spending to Support Agency Operations*.

VIII. FRPP Data Quality Improvement

FIMS, the Department's authoritative real property information system, continues to improve. It contains over 20,000 real property records each containing up to 200 discrete data fields supporting the annual data submission to the FRPP, facility-related sustainability goals and implementation of OMB Memorandum M-12-12 Section 3: Reduce the Footprint, and the Department's internal management and performance objectives.

Data Quality Prior to System Input

Upon receipt of the annual Federal Real Property Council, *Guidance for Real Property Inventory Reporting*, the SRPO assesses the updated reporting requirements to identify changes in FIMS necessary to accommodate new or modified FRPP data requirements or reporting processes and provides implementation guidance.

Data Validation Procedures

In FY 2007, the Department implemented a standard, statistical validation process now applied annually at all sites between mid-January and the end of June. Validation is a process for assuring the accuracy of FIMS data by comparing FIMS data taken from a representative sample against its source data. DOE's validation process was recognized as a GSA best practice in 2008. Annual guidance¹¹ is tailored to meet current requirements and management interest areas. The process provides DOE with a reasonable level of confidence that the validated FIMS data elements are being maintained without variance when compared to source documentation. In FY 2016, the Department validated up to 47 individual data elements for DOE owned and DOE leased buildings, structures and trailers; GSA owned and GSA leased buildings; land records; and records archived between October 1, 2015 and September 30, 2016

The validation also includes a facility site visit to cross check source data and FIMS data with actually observed field conditions. As many of the assets in the sample sets as practical are physically verified and a facility walk-through conducted at approximately 30 percent of the sample set. The site visit includes an inspection of the previous location of 100 percent of the disposed assets. To help confirm that all existing real property assets are recorded in FIMS, during the site visit the validation team randomly identifies ten assets not included in the sample set. Before completing the validation, the team confirms that a property record for each observed asset exists in FIMS and records any necessary data corrections.

FIMS data validation is scored based on frequency of variance for "Status" or overall accuracy of the existing data and for "Progress" a subjective assessment of process improvement both using a red, yellow, green system. Sites earning a red score in "Status" must develop and submit a Corrective Action Plan within 15 days of the validation, report progress toward implementation and revalidate the data with 60 days of the original validation or prior to August 1, whichever comes first.

¹¹ Guidance for Fiscal Year 2017 Facilities Information Management Systems Data Validations

Data Quality Prior to System Acceptance

The Office of Asset Management, in coordination with the Headquarters program office, performs quality assurance reviews of the FIMS data validation process at each site on a 5-year cycle to verify consistency and to ensure validations are conducted in accordance with the annual guidance.

With year-end FIMS data population, the SRPO requires each Site Manager or Headquarters Program Office provide a statement to certify the level of completeness, accuracy and any efforts made to improve FIMS data reported to the FRPP.

Data Anomalies

Facilities Information Management System Fiscal Year-end Data Analysis, Attachment D, describes the criteria used to identify potential data, validation and verification anomalies. The validation and verification anomalies were added in FY 2016 and are conducted prior to end-of-year FRPP submission.

IX. Challenges and Improvement Opportunities

Challenges

Over 60 percent of the Department excess building area is in secure locations and requires extensive environmental decontamination prior to disposal. The following statement from the *Department of Energy Agency Financial Report for FY 2014*, remains applicable and provides an example of the collective challenges.

“With the end of the Cold War, the Department's environmental remediation mission took on a greater focus as the agency began to dispose of large volumes of radioactive waste resulting from more than 50 years of nuclear defense and energy research work. This effort involves 2 million acres of land and employs more than 30,000 Federal and contractor employees. For example, one of the largest cleanup efforts of its kind in the world, at the Hanford Site in southeastern Washington, 11,000 employees are working to remediate 40 years of plutonium processing which resulted in, among several challenges, millions of gallons of radioactive waste stored in 177 large underground tanks. Cleanup activities at most sites are governed by one or more regulatory agreements or court orders that establish scopes of work, timeframes and specific achievement milestones. The disposal and cleanup effort is complex and costly. In fact, these efforts are projected to cost more than \$280 billion and will continue well into the foreseeable future. As has been the case in previous years, Environmental Cleanup remains a management challenge that warrants attention on the part of Departmental management.”¹²

The Department currently has under construction several large scale projects important to its nuclear, radiological and scientific missions. Many of these projects were initiated and funded

¹² U.S. Department of Energy Agency Financial Report Fiscal Year 2014

for construction prior to the conclusion of FY 2012 and, therefore, prior to OMB M-12-12, *“Promoting Efficient Spending to Support Agency Operations”*. These complex projects often require 5, 10, or more years to be completed and generally provide ancillary facilities that when delivered will add to the Department’s inventory of office and warehouse space. The Department will address these facilities in the annual plan update as occupancy forecasts are completed.

Improvement Opportunities

DOE Order 430.1C requires programs to determine the optimum set of facilities and infrastructure, to maintain each core capability, and to perform annual utilization surveys. These new requirements are an opportunity to improve the Department’s ability to connect facilities to the mission(s) they support and make most efficient, effective, use of existing real property.

The work of the Laboratory Operations Board has heightened management interest in the condition and efficient, effective utilization of Departmental infrastructure as well as the burden of sustaining unneeded real property. The CFO’s *FY 2018 Budget Guidance* includes crosscutting initiatives for departmental infrastructure – one on general purpose infrastructure revitalization to identify and address critical departmental infrastructure needs and a new crosscut analysis of excess facilities disposition. Program offices were directed to provide sufficient funding for infrastructure maintenance to reduce the level of deferred maintenance from the end of FY 2016 to the end of FY 2018 and to provide critical investments to advance the mission of the program.

The Department has begun seeking out other approaches to reducing its footprint including identifying ways to expedite reporting and disposing of excess facilities. These include partnering with GSA to identify opportunities for consolidation or co-location using their CPP process and consolidation tool or disposal opportunities through TARs. DOE also has at its command tools to facilitate maintenance of its portfolio including:

- Direct lease authority,
- Independent disposal authority, including transfers for economic development, and
- Capability to construct or purchase real property when authorized.

Concerns

The *“Guidance on Reduce the Footprint Implementation”* does not provide “draft monitoring methods” as specified in MPM 2015-01 Section II(4)(a). As a result, it is not clear how GSA will assess and grade the Department’s performance in future years. This will become especially critical once the office and warehouse footprint approaches its optimal state and agencies do not have assets to off-set new footprint in the same year a new asset comes on-line.

Notes

Bonneville Power Administration (BPA) is self-financed and has independent real property acquisition and disposal authorities. However, DOE will continue to include BPA assets, such as offices and warehouses, in our annual reporting requirements.

Attachments

Attachment A - Department of Energy Plan to Maintain the Reduce the Footprint Baseline

Attachment B - Department of Energy Owned Building Disposition Plan

Attachment C - Example Projects for Public Tracking

Attachment D - Department of Energy Facilities Information Management System Fiscal Year-end Data Analysis

The Department of Energy *Plan to Maintain the Reduce the Footprint Baseline*, demonstrates the asset level data used to develop annual targets shown in Table 2., *Domestic Office and Warehouse Reduction Targets FY 2018 – 2022*. Summary level data is followed by asset level data:

	Planned Actions (SF)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Office	Disposals	164,992	80,024	37,502	134,369	67,203	484,090
	Acquisitions	88,500	51,250	45,254	352,000	84,760	621,764
	Net Portfolio Effect	76,492	28,774	(7,752)	(217,631)	(17,557)	(137,674)
Warehouse	Disposals	142,953	129,689	35,325	52,846	42,005	402,818
	Acquisitions	44,088	0	22,838	5,950	0	72,876
	Net Portfolio Effect	98,865	129,689	12,487	46,896	42,005	329,942

Data Element	Type of Project	If Disposal Project	If Acquisition Project	If Modification of Existing Asset	Real Property Use	Owned, Leased or OA Asset	FRPP RPUID	OA Number	Size of Asset Acquired, Modified or Disposed (SF)	SF Unit of Measure	Net Portfolio Effect (SF)	City	State/ US Territory	Zip Code	Estimated Date Asset Will Leave Inventory	Estimated Date Agency Will Occupy New Space	Note/ Comments
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		1,750	Usable Square Feet	1,750	Albuquerque	NM	871233453		2018	AAIM No. 1093
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		14,250	Usable Square Feet	14,250	Aiken	SC	29808		2018	AAIM No. 750
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		64,800	Usable Square Feet	64,800	Oak Ridge	TN	37831		2018	AAIM No. 514
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		10,880	Usable Square Feet	10,880	West Milton	NY	12020		2018	AAIM No. 559
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		2,667	Usable Square Feet	2,667	Newport News	VA	23606		2018	AAIM No. 995
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		7,700	Usable Square Feet	7,700	West Milton	NY	12020		2018	AAIM No. 724
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		22,500	Usable Square Feet	22,500	Los Alamos	NM	87545		2018	AAIM No. 949
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		8,041	Usable Square Feet	8,041	Scoville	ID	83415		2018	AAIM No. 658
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		8,000	Usable Square Feet	8,000	Mercury	NV	89023		2019	AAIM No. 1355
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		12,000	Usable Square Feet	12,000	Oak Ridge	TN	378308050		2019	AAIM No. 1484
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		11,250	Usable Square Feet	11,250	Los Alamos	NM	87545		2019	AAIM No. 1190
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		20,000	Usable Square Feet	20,000	Livermore	CA	94550		2019	AAIM No. 157
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		8,000	Usable Square Feet	8,000	Mercury	NV	89023		2020	AAIM No. 1356
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		22,556	Usable Square Feet	22,556	Scoville	ID	83415		2020	AAIM No. 659
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		32,754	Usable Square Feet	32,754	Panhandle	TX	79068		2020	AAIM No. 826
	Acquisition		Acquisition	OA	Office	GSA OA	TBA	TBA	4,500	Usable Square Feet	4,500	Aiken	SC	29801		2020	AAIM No. 807
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		282	Usable Square Feet	282	Panhandle	TX	79068		2020	AAIM No. 830
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		20,000	Usable Square Feet	20,000	Livermore	CA	94550		2021	AAIM No. 1738
	Acquisition		Acquisition	New Construction	Warehouse	Direct Owned	TBA		5,950	Usable Square Feet	5,950	West Milton	NY	12020		2021	AAIM No. 1349
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		324,000	Usable Square Feet	324,000	Albuquerque	NM	87116		2021	AAIM No. 1763
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		8,000	Usable Square Feet	8,000	Mercury	NV	89023		2021	AAIM No. 1357
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		11,760	Usable Square Feet	11,760	Niskayuna	NY	12309		2022	AAIM No. 809
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		8,000	Usable Square Feet	8,000	Mercury	NV	89023		2022	AAIM No. 1358
	Acquisition		Acquisition	New Construction	Office	Direct Owned	TBA		65,000	Usable Square Feet	65,000	Upton	NY	11973		2022	AAIM No. 1783
	Disposal	Demolition			Office	Direct Owned	89476		480	Gross Square Feet	-480	Berkeley	CA	94720	2018		
	Disposal	Demolition			Office	Direct Owned	90220		720	Gross Square Feet	-720	Menlo Park	CA	940257015	2018		
	Disposal	TBD			Office	Direct Owned	200601		720	Gross Square Feet	-720	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	200602		720	Gross Square Feet	-720	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	90219		1,467	Gross Square Feet	-1,467	Menlo Park	CA	940257015	2018		
	Disposal	TBD			Office	Direct Owned	127289		1,512	Gross Square Feet	-1,512	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127272		1,538	Gross Square Feet	-1,538	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127271		1,568	Gross Square Feet	-1,568	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127273		1,568	Gross Square Feet	-1,568	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127293		1,568	Gross Square Feet	-1,568	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127291		1,577	Gross Square Feet	-1,577	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	127270		1,604	Gross Square Feet	-1,604	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	118237		2,683	Gross Square Feet	-2,683	Niskayuna	NY	12309	2018		
	Disposal	TBD			Office	Direct Owned	203901		2,688	Gross Square Feet	-2,688	Oak Ridge	TN	37830	2018		
	Disposal	Demolition			Office	Direct Owned	129034		3,260	Gross Square Feet	-3,260	Menlo Park	CA	940257015	2018		
	Disposal	Demolition			Office	Direct Owned	91814		3,584	Gross Square Feet	-3,584	Mercury	NV	89023	2018		
	Disposal	Demolition			Office	Direct Owned	91815		3,584	Gross Square Feet	-3,584	Mercury	NV	89023	2018		
	Disposal	Demolition			Office	Direct Owned	91816		3,584	Gross Square Feet	-3,584	Mercury	NV	89023	2018		
	Disposal	Demolition			Office	Direct Owned	118225		4,392	Gross Square Feet	-4,392	Niskayuna	NY	12309	2018		
	Disposal	TBD			Office	Direct Owned	126919		4,518	Gross Square Feet	-4,518	Scoville	ID	83415	2018		
	Disposal	TBD			Office	Direct Owned	96033		5,044	Gross Square Feet	-5,044	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	89288		10,199	Gross Square Feet	-10,199	Berkeley	CA	94720	2018		
	Disposal	Demolition			Office	Direct Owned	90399		15,297	Gross Square Feet	-15,297	Simi Valley	CA	91304	2018		
	Disposal	Demolition			Office	Direct Owned	95152		19,312	Gross Square Feet	-19,312	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	89328		21,435	Gross Square Feet	-21,435	Berkeley	CA	94720	2018		
	Disposal	TBD			Office	Direct Owned	94857		24,262	Gross Square Feet	-24,262	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	95130		26,108	Gross Square Feet	-26,108	Scoville	ID	83415	2018		
	Disposal	Demolition			Warehouse	Direct Owned	136389		200	Gross Square Feet	-200	Oak Ridge	TN	37830	2018		
	Disposal	Demolition			Warehouse	Direct Owned	88823		238	Gross Square Feet	-238	Albuquerque	NM	87117	2018		
	Disposal	Demolition			Warehouse	Direct Owned	90652		251	Gross Square Feet	-251	Morgantown	WV	26505	2018		
	Disposal	Demolition			Warehouse	Direct Owned	118062		460	Gross Square Feet	-460	West Milton	NY	12020	2018		
	Disposal	Demolition			Warehouse	Direct Owned	90200		687	Gross Square Feet	-687	Menlo Park	CA	940257015	2018		

Data Element	Type of Project	If Disposal Project	If Acquisition Project	If Modification of Existing Asset	Real Property Use	Owned, Leased or OA Asset	FRPP RPUID	OA Number	Size of Asset Acquired, Modified or Disposed (SF)	SF Unit of Measure	Net Portfolio Effect (SF)	City	State/ US Territory	Zip Code	Estimated Date Asset Will Leave Inventory	Estimated Date Agency Will Occupy New Space	Note/ Comments:
	Disposal	Demolition			Warehouse	Direct Owned	90653		1,107	Gross Square Feet	-1,107	Morgantown	WV	26505	2018		
	Disposal	Demolition			Warehouse	Direct Owned	96141		1,188	Gross Square Feet	-1,188	Scoville	ID	83415	2018		
	Disposal	Demolition			Warehouse	Direct Owned	139316		1,250	Gross Square Feet	-1,250	Piketon	OH	45661	2018		
	Disposal	Demolition			Warehouse	Direct Owned	118223		1,353	Gross Square Feet	-1,353	Niskayuna	NY	12309	2018		
	Disposal	Direct Owned			Warehouse	Direct Owned	88820		4,429	Gross Square Feet	-4,429	Albuquerque	NM	87117	2018		
	Disposal	TBD			Warehouse	Direct Owned	125736		5,482	Gross Square Feet	-5,482	Scoville	ID	83415	2018		
	Disposal	Demolition			Warehouse	Direct Owned	216309		5,664	Gross Square Feet	-5,664	Argonne	IL	60439	2018		
	Disposal	Demolition			Warehouse	Direct Owned	90402		7,210	Gross Square Feet	-7,210	Simi Valley	CA	91304	2018		
	Disposal	Demolition			Warehouse	Direct Owned	99907		15,184	Gross Square Feet	-15,184	Piketon	OH	45661	2018		
	Disposal	Demolition			Warehouse	Direct Owned	134594		15,600	Gross Square Feet	-15,600	Piketon	OH	45661	2018		
	Disposal	Demolition			Warehouse	Direct Owned	134595		15,600	Gross Square Feet	-15,600	Piketon	OH	45661	2018		
	Disposal	Demolition			Warehouse	Direct Owned	98827		4,501	Gross Square Feet	-4,501	Oak Ridge	TN	378308007	2018		
	Disposal	TBD			Warehouse	Direct Owned	131592		128	Gross Square Feet	-128	Scoville	ID	83415	2018		
	Disposal	Demolition			Warehouse	Direct Owned	90395		800	Gross Square Feet	-800	Simi Valley	CA	91304	2018		
	Disposal	Demolition			Warehouse	Direct Owned	99513		42,000	Gross Square Feet	-42,000	West Paducah	KY	42086	2018		
	Disposal	Demolition			Warehouse	Direct Owned	88804		5,448	Gross Square Feet	-5,448	Albuquerque	NM	87117	2018		
	Disposal	Other			Warehouse	Direct Owned	205686		120	Gross Square Feet	-120	Largo	FL	33777	2018		
	Disposal	Other			Warehouse	Direct Owned	205687		120	Gross Square Feet	-120	Largo	FL	33777	2018		
	Disposal	Demolition			Warehouse	Direct Owned	139317		2,800	Gross Square Feet	-2,800	Piketon	OH	45661	2018		
	Disposal	TBD			Warehouse	Direct Owned	96051		11,133	Gross Square Feet	-11,133	Scoville	ID	83415	2018		
	Disposal	Demolition			Office	Direct Owned	138936		783	Gross Square Feet	-783	Menlo Park	CA	940257015	2019		
	Disposal	Demolition			Office	Direct Owned	118224		3,045	Gross Square Feet	-3,045	Niskayuna	NY	12309	2019		
	Disposal	Demolition			Office	Direct Owned	83418		4,315	Gross Square Feet	-4,315	Panhandle	TX	79068	2019		
	Disposal	Demolition			Office	Direct Owned	83516		4,530	Gross Square Feet	-4,530	Panhandle	TX	79068	2019		
	Disposal	Lease or OA Expiration			Office	Direct Leased	208384		14,279	Rentable Square Feet	-14,279	Springdale	OH	45246	2019		
	Disposal	Demolition			Office	Direct Owned	124566		19,578	Gross Square Feet	-19,578	Upton	NY	119735000	2019		
	Disposal	Demolition			Office	Direct Owned	83515		33,494	Gross Square Feet	-33,494	Panhandle	TX	79068	2019		
	Disposal	Demolition			Warehouse	Direct Owned	137184		100	Gross Square Feet	-100	Panhandle	TX	79068	2019		
	Disposal	Demolition			Warehouse	Direct Owned	137185		140	Gross Square Feet	-140	Panhandle	TX	79068	2019		
	Disposal	Demolition			Warehouse	Direct Owned	83584		303	Gross Square Feet	-303	Panhandle	TX	79068	2019		
	Disposal	Demolition			Warehouse	Direct Owned	97368		1,171	Gross Square Feet	-1,171	Oak Ridge	TN	378308050	2019		
	Disposal	Demolition			Warehouse	Direct Owned	207312		2,207	Gross Square Feet	-2,207	Simi Valley	CA	91304	2019		
	Disposal	Demolition			Warehouse	Direct Owned	137351		3,200	Gross Square Feet	-3,200	Oak Ridge	TN	37830	2019		
	Disposal	Demolition			Warehouse	Direct Owned	137352		3,200	Gross Square Feet	-3,200	Oak Ridge	TN	37830	2019		
	Disposal	Demolition			Warehouse	Direct Owned	137353		3,200	Gross Square Feet	-3,200	Oak Ridge	TN	37830	2019		
	Disposal	Demolition			Warehouse	Direct Owned	95139		49,554	Gross Square Feet	-49,554	Scoville	ID	83415	2019		
	Disposal	Demolition			Warehouse	Direct Owned	95875		51,951	Gross Square Feet	-51,951	Scoville	ID	83415	2019		
	Disposal	Demolition			Warehouse	Direct Owned	96890		1,915	Gross Square Feet	-1,915	West Mifflin	PA	15122	2019		
	Disposal	Demolition			Warehouse	Direct Owned	96878		3,401	Gross Square Feet	-3,401	West Mifflin	PA	15122	2019		
	Disposal	Demolition			Warehouse	Direct Owned	207316		640	Gross Square Feet	-640	Simi Valley	CA	91304	2019		
	Disposal	Demolition			Warehouse	Direct Owned	211524		3,600	Gross Square Feet	-3,600	Scoville	ID	83415	2019		
	Disposal	Demolition			Warehouse	Direct Owned	211525		5,107	Gross Square Feet	-5,107	Scoville	ID	83415	2019		
	Disposal	Demolition			Office	Direct Owned	207336		500	Gross Square Feet	-500	West Mifflin	PA	15122	2020		
	Disposal	Demolition			Office	Direct Owned	202205		624	Gross Square Feet	-624	Scoville	ID	83415	2020		
	Disposal	Demolition			Office	Direct Owned	96963		720	Gross Square Feet	-720	West Mifflin	PA	15122	2020		
	Disposal	Demolition			Office	Direct Owned	83485		837	Gross Square Feet	-837	Panhandle	TX	79068	2020		
	Disposal	Demolition			Office	Direct Owned	124699		1,660	Gross Square Feet	-1,660	Scoville	ID	83415	2020		
	Disposal	Demolition			Office	Direct Owned	83561		2,577	Gross Square Feet	-2,577	Panhandle	TX	79068	2020		
	Disposal	Demolition			Office	Direct Owned	204499		4,320	Gross Square Feet	-4,320	West Mifflin	PA	15122	2020		
	Disposal	Demolition			Office	Direct Owned	83482		5,326	Gross Square Feet	-5,326	Panhandle	TX	79068	2020		
	Disposal	Demolition			Office	Direct Owned	124536		10,213	Gross Square Feet	-10,213	Upton	NY	119735000	2020		
	Disposal	Demolition			Office	Direct Owned	124692		10,725	Gross Square Feet	-10,725	Scoville	ID	83415	2020		
	Disposal	Demolition			Warehouse	Direct Owned	207317		480	Gross Square Feet	-480	Simi Valley	CA	91304	2020		
	Disposal	Demolition			Warehouse	Direct Owned	138866		640	Gross Square Feet	-640	Menlo Park	CA	940257015	2020		
	Disposal	Demolition			Warehouse	Direct Owned	123590		768	Gross Square Feet	-768	Argonne	IL	60439	2020		

Data Element	Type of Project	If Disposal Project	If Acquisition Project	If Modification of Existing Asset	Real Property Use	Owned, Leased or OA Asset	FRPP RPUID	OA Number	Size of Asset Acquired, Modified or Disposed (SF)	SF Unit of Measure	Net Portfolio Effect (SF)	City	State/ US Territory	Zip Code	Estimated Date Asset Will Leave Inventory	Estimated Date Agency Will Occupy New Space	Note/ Comments
	Disposal	Demolition			Warehouse	Direct Owned	216315		952	Gross Square Feet	-952	Argonne	IL	60439	2020		
	Disposal	Demolition			Warehouse	Direct Owned	216316		963	Gross Square Feet	-963	Argonne	IL	60439	2020		
	Disposal	Demolition			Warehouse	Direct Owned	95861		16,385	Gross Square Feet	-16,385	Scoville	ID	83415	2020		
	Disposal	Demolition			Warehouse	Direct Owned	123672		4,155	Gross Square Feet	-4,155	Argonne	IL	60439	2020		
	Disposal	Demolition			Warehouse	Direct Owned	95111		4,822	Gross Square Feet	-4,822	Scoville	ID	83415	2020		
	Disposal	Demolition			Warehouse	Direct Owned	95684		6,160	Gross Square Feet	-6,160	Scoville	ID	83415	2020		
	Disposal	TBD			Office	Direct Owned	128038		300	Gross Square Feet	-300	Scoville	ID	83415	2021		
	Disposal	TBD			Office	Direct Owned	204468		317	Gross Square Feet	-317	Scoville	ID	83415	2021		
	Disposal	TBD			Office	Direct Owned	202167		400	Gross Square Feet	-400	Scoville	ID	83415	2021		
	Disposal	Demolition			Office	Direct Owned	89472		410	Gross Square Feet	-410	Berkeley	CA	94720	2021		
	Disposal	Demolition			Office	Direct Owned	134158		420	Gross Square Feet	-420	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Office	Direct Owned	204273		504	Gross Square Feet	-504	Menlo Park	CA	940257015	2021		
	Disposal	Demolition			Office	Direct Owned	137863		870	Gross Square Feet	-870	Scoville	ID	83415	2021		
	Disposal	TBD			Office	Direct Owned	215610		896	Gross Square Feet	-896	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	202697		1,432	Gross Square Feet	-1,432	Scoville	ID	83415	2021		
	Disposal	TBD			Office	Direct Owned	202711		1,432	Gross Square Feet	-1,432	Scoville	ID	83415	2021		
	Disposal	TBD			Office	Direct Owned	215609		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215612		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215614		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215617		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215623		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215624		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215638		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203900		2,688	Gross Square Feet	-2,688	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	215615		2,688	Gross Square Feet	-2,688	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Office	Direct Owned	83476		2,799	Gross Square Feet	-2,799	Panhandle	TX	79068	2021		
	Disposal	Demolition			Office	Direct Owned	97860		3,450	Gross Square Feet	-3,450	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203890		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203891		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203893		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203894		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203895		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203896		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203897		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203898		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	203903		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	204524		3,584	Gross Square Feet	-3,584	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	201495		4,760	Gross Square Feet	-4,760	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Office	Direct Owned	201496		4,760	Gross Square Feet	-4,760	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Office	Direct Owned	118021		4,997	Gross Square Feet	-4,997	West Milton	NY	12020	2021		
	Disposal	Lease or OA Expiration			Office	Direct Leased	210657		5,792	Rentable Square Feet	-5,792	West Milton	NY	12020	2021		
	Disposal	Demolition			Office	Direct Owned	124694		6,048	Gross Square Feet	-6,048	Scoville	ID	83415	2021		
	Disposal	Demolition			Office	Direct Owned	83475		6,470	Gross Square Feet	-6,470	Panhandle	TX	79068	2021		
	Disposal	Demolition			Office	Direct Owned	124696		11,348	Gross Square Feet	-11,348	Scoville	ID	83415	2021		
	Disposal	Demolition			Office	Direct Owned	83474		23,204	Gross Square Feet	-23,204	Panhandle	TX	79068	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97873		40	Gross Square Feet	-40	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	118269		96	Gross Square Feet	-96	Niskayuna	NY	12309	2021		
	Disposal	Demolition			Warehouse	Direct Owned	208424		295	Gross Square Feet	-295	Menlo Park	CA	940257015	2021		
	Disposal	Demolition			Warehouse	Direct Owned	130987		400	Gross Square Feet	-400	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	98045		450	Gross Square Feet	-450	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	118250		473	Gross Square Feet	-473	Niskayuna	NY	12309	2021		
	Disposal	TBD			Warehouse	Direct Owned	215604		896	Gross Square Feet	-896	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97838		1,456	Gross Square Feet	-1,456	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Warehouse	Direct Owned	215611		1,792	Gross Square Feet	-1,792	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97025		2,000	Gross Square Feet	-2,000	Scoville	ID	83415	2021		
	Disposal	Demolition			Warehouse	Direct Owned	209635		2,275	Gross Square Feet	-2,275	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	96985		4,000	Gross Square Feet	-4,000	Scoville	ID	83415	2021		

Data Element	Type of Project	If Disposal Project	If Acquisition Project	If Modification of Existing Asset	Real Property Use	Owned, Leased or OA Asset	FRPP RPUID	OA Number	Site of Asset Acquired, Modified or Disposed (SF)	SF Unit of Measure	Net Portfolio Effect (SF)	City	State/ US Territory	Zip Code	Estimated Date Asset Will Leave Inventory	Estimated Date Agency Will Occupy New Space	Note/ Comments
	Disposal	Demolition			Warehouse	Direct Owned	97861		4,950	Gross Square Feet	-4,950	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97369		5,690	Gross Square Feet	-5,690	Oak Ridge	TN	378308050	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97704		8,374	Gross Square Feet	-8,374	Oak Ridge	TN	37830	2021		
	Disposal	TBD			Warehouse	Direct Owned	202620		9,800	Gross Square Feet	-9,800	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97711		824	Gross Square Feet	-824	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97856		2,700	Gross Square Feet	-2,700	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	97780		80	Gross Square Feet	-80	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Warehouse	Direct Owned	135626		888	Gross Square Feet	-888	Oak Ridge	TN	37830	2021		
	Disposal	Public Benefit Conveyance			Warehouse	Direct Owned	130997		5,367	Gross Square Feet	-5,367	Oak Ridge	TN	37830	2021		
	Disposal	Demolition			Office	Direct Owned	133738		198	Gross Square Feet	-198	Oak Ridge	TN	37831	2022		
	Disposal	Demolition			Office	Direct Owned	207298		511	Gross Square Feet	-511	Menlo Park	CA	940257015	2022		
	Disposal	Demolition			Office	Direct Owned	90187		1,680	Gross Square Feet	-1,680	Menlo Park	CA	940257015	2022		
	Disposal	Demolition			Office	Direct Owned	133107		1,985	Gross Square Feet	-1,985	Upton	NY	119735000	2022		
	Disposal	Demolition			Office	Direct Owned	127306		2,049	Gross Square Feet	-2,049	Scoville	ID	83415	2022		
	Disposal	Demolition			Office	Direct Owned	200963		2,160	Gross Square Feet	-2,160	Menlo Park	CA	940257015	2022		
	Disposal	Demolition			Office	Direct Owned	135702		2,958	Gross Square Feet	-2,958	Menlo Park	CA	940257015	2022		
	Disposal	Demolition			Office	Direct Owned	83594		5,398	Gross Square Feet	-5,398	Panhandle	TX	79068	2022		
	Disposal	Demolition			Office	Direct Owned	83598		5,448	Gross Square Feet	-5,448	Panhandle	TX	79068	2022		
	Disposal	Demolition			Office	Direct Owned	83595		5,823	Gross Square Feet	-5,823	Panhandle	TX	79068	2022		
	Disposal	Demolition			Office	Direct Owned	124334		5,977	Gross Square Feet	-5,977	Upton	NY	119735000	2022		
	Disposal	Demolition			Office	Direct Owned	83600		10,058	Gross Square Feet	-10,058	Panhandle	TX	79068	2022		
	Disposal	Demolition			Office	Direct Owned	91831		10,234	Gross Square Feet	-10,234	Mercury	NV	89023	2022		
	Disposal	Demolition			Office	Direct Owned	83599		12,724	Gross Square Feet	-12,724	Panhandle	TX	79068	2022		
	Disposal	Demolition			Warehouse	Direct Owned	90240		2,275	Gross Square Feet	-2,275	Menlo Park	CA	940257015	2022		
	Disposal	Demolition			Warehouse	Direct Owned	95146		5,811	Gross Square Feet	-5,811	Scoville	ID	83415	2022		
	Disposal	Demolition			Warehouse	Direct Owned	95137		1,475	Gross Square Feet	-1,475	Scoville	ID	83415	2022		
	Disposal	Demolition			Warehouse	Direct Owned	123548		32,444	Gross Square Feet	-32,444	Argonne	IL	60439	2022		

The Department of Energy *Owned Building Disposition Plan*, demonstrates the summary level disposition plan for the five -year period, FY 2018 – 2022, used to develop annual targets shown in Table 3. *Disposal Targets for Owned Buildings FY 2018 – 2022*. Summary level data is followed by asset level data for the three-year period, FY 2018 – 2020, as prescribed in the report template:

Planned Actions (SF)		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Other Owned Buildings	Disposals	189,333	178,406	2,686,825	921,680	98,546	4,074,790
	# of Buildings	50	29	31	69	21	200

Predominate Use	Building Area (Gross Square Feet)	FRPP RPUID	City	State/ US Territory	Zip Code	Disposition Method	Estimated Date Asset will Leave Inventory
29 Other Institutional Uses	503	123618	Argonne	IL	60439	Demolition	2018
29 Other Institutional Uses	563	123599	Argonne	IL	60439	Demolition	2018
29 Other Institutional Uses	8,636	91934	Mercury	NV	89023	Demolition	2018
30 Family Housing	5,067	124508	Upton	NY	119735000	Demolition	2018
50 Industrial	240	123658	Argonne	IL	60439	Demolition	2018
50 Industrial	240	123718	Argonne	IL	60439	Demolition	2018
50 Industrial	288	133841	Miamisburg	OH	45342	TBD	2018
50 Industrial	7,437	88809	Albuquerque	NM	87117	Demolition	2018
50 Industrial	6,635	90423	Simi Valley	CA	91304	Demolition	2018
50 Industrial	3,025	207315	Simi Valley	CA	91304	Demolition	2018
50 Industrial	245	99663	Piketon	OH	45661	Demolition	2018
50 Industrial	384	138617	Richland	WA	99352	Demolition	2018
50 Industrial	384	138618	Richland	WA	99352	Demolition	2018
50 Industrial	400	99657	Piketon	OH	45661	Demolition	2018
50 Industrial	819	206767	Scoville	ID	83415	Demolition	2018
50 Industrial	3,000	138615	Richland	WA	99352	Demolition	2018
50 Industrial	4,428	99497	West Paducah	KY	42086	Demolition	2018
50 Industrial	11,600	99638	Piketon	OH	45661	Demolition	2018
60 Service	1,271	96050	Scoville	ID	83415	TBD	2018
60 Service	4,998	125735	Scoville	ID	83415	TBD	2018
60 Service	1,075	99537	Piketon	OH	45661	Demolition	2018
60 Service	1,792	215625	Oak Ridge	TN	37830	TBD	2018
60 Service	2,623	204522	Oak Ridge	TN	37830	Demolition	2018
60 Service	9,020	204523	Oak Ridge	TN	37830	Demolition	2018
60 Service	1,413	88810	Albuquerque	NM	87117	Demolition	2018
60 Service	658	216478	Niskayuna	NY	12309	Lease or OA Expiration	2018
60 Service	828	205124	Niskayuna	NY	12309	Demolition	2018
60 Service	1,792	215636	Oak Ridge	TN	37830	TBD	2018
60 Service	100	215754	Piketon	OH	45661	Demolition	2018
60 Service	160	140433	Oak Ridge	TN	37830	Demolition	2018
60 Service	167	118264	Niskayuna	NY	12309	Demolition	2018
60 Service	212	90673	Morgantown	WV	26505	Demolition	2018
60 Service	945	95685	Scoville	ID	83415	TBD	2018
60 Service	1,241	90668	Morgantown	WV	26505	Demolition	2018
60 Service	1,200	89179	Carlsbad	NM	88220	Demolition	2018
60 Service	217	133121	Upton	NY	119735000	Demolition	2018
60 Service	225	98004	Oak Ridge	TN	37830	Demolition	2018
60 Service	225	98092	Oak Ridge	TN	37830	Demolition	2018
60 Service	350	98003	Oak Ridge	TN	37830	Demolition	2018
60 Service	1,434	96035	Scoville	ID	83415	TBD	2018
60 Service	1,811	128144	Scoville	ID	83415	TBD	2018
60 Service	69,330	134156	Oak Ridge	TN	37830	Demolition	2018
74 Laboratories	720	216252	Miamisburg	OH	45342	TBD	2018
74 Laboratories	370	90667	Morgantown	WV	26505	Demolition	2018
74 Laboratories	441	90407	Simi Valley	CA	91304	Demolition	2018
74 Laboratories	686	131234	Morgantown	WV	26505	Demolition	2018
74 Laboratories	10,274	90422	Simi Valley	CA	91304	Demolition	2018
74 Laboratories	972	88821	Albuquerque	NM	87117	Demolition	2018
74 Laboratories	4,742	88803	Albuquerque	NM	87117	Demolition	2018
74 Laboratories	14,147	207309	Simi Valley	CA	91304	Demolition	2018
23 School	10,371	91958	Mercury	NV	89023	Demolition	2019
29 Other Institutional Uses	73	216717	Simi Valley	CA	91304	Demolition	2019
25 Data Network	9,000	208385	Springdale	OH	45246	Lease or OA Expiration	2019
50 Industrial	337	136161	Oak Ridge	TN	37830	Demolition	2019
50 Industrial	19,021	143021	Oak Ridge	TN	37830	Demolition	2019
50 Industrial	39,040	143020	Oak Ridge	TN	37830	Demolition	2019
50 Industrial	9,250	131000	Oak Ridge	TN	37830	Demolition	2019

Predominate Use	Building Area (Gross Square Feet)	FRPP RPUID	City	State/ US Territory	Zip Code	Disposition Method	Estimated Date Asset will Leave Inventory
60 Service	1,482	97351	Oak Ridge	TN	378308050	Demolition	2019
60 Service	3,070	97341	Oak Ridge	TN	378308050	Demolition	2019
60 Service	3,364	97342	Oak Ridge	TN	378308050	Demolition	2019
60 Service	44,931	97758	Oak Ridge	TN	37830	Demolition	2019
60 Service	583	97376	Oak Ridge	TN	378308050	Demolition	2019
60 Service	1,008	97377	Oak Ridge	TN	378308050	Demolition	2019
60 Service	540	96977	Scoville	ID	83415	Demolition	2019
60 Service	2,980	95101	Scoville	ID	83415	Demolition	2019
60 Service	6,402	90390	Simi Valley	CA	91304	Demolition	2019
60 Service	413	91834	Mercury	NV	89023	Demolition	2019
60 Service	64	137010	Panhandle	TX	79068	Demolition	2019
60 Service	64	137011	Panhandle	TX	79068	Demolition	2019
60 Service	86	130704	Panhandle	TX	79068	Demolition	2019
60 Service	117	83571	Panhandle	TX	79068	Demolition	2019
60 Service	264	97748	Oak Ridge	TN	37830	Demolition	2019
60 Service	265	130705	Panhandle	TX	79068	Demolition	2019
60 Service	403	135887	Berkeley	CA	94720	Demolition	2019
60 Service	11,097	98091	Oak Ridge	TN	37830	Demolition	2019
74 Laboratories	2,166	133292	Scoville	ID	83415	Demolition	2019
74 Laboratories	2,365	123553	Argonne	IL	60439	Demolition	2019
74 Laboratories	4,271	89390	Berkeley	CA	94720	Demolition	2019
74 Laboratories	5,379	131170	Scoville	ID	83415	Demolition	2019
21 Hospital	1,793	83464	Panhandle	TX	79068	Demolition	2020
21 Hospital	13,277	83463	Panhandle	TX	79068	Demolition	2020
23 School	7,442	91336	Mercury	NV	89023	Demolition	2020
25 Data Network	2,805	123595	Argonne	IL	60439	Demolition	2020
29 Other Institutional Uses	1,170	204271	Menlo Park	CA	940257015	Demolition	2020
31 Dormitories/Barracks	1,067	91939	Mercury	NV	89023	Demolition	2020
31 Dormitories/Barracks	3,200	91937	Mercury	NV	89023	Demolition	2020
31 Dormitories/Barracks	3,200	91938	Mercury	NV	89023	Demolition	2020
31 Dormitories/Barracks	3,200	91940	Mercury	NV	89023	Demolition	2020
31 Dormitories/Barracks	3,200	91941	Mercury	NV	89023	Demolition	2020
50 Industrial	2,566,792	99555	Piketon	OH	45661	Demolition	2020
50 Industrial	72	202421	Oak Ridge	TN	378308050	Demolition	2020
50 Industrial	960	138874	Menlo Park	CA	940257015	Demolition	2020
50 Industrial	2,715	211565	West Paducah	KY	42086	Demolition	2020
50 Industrial	4,024	96999	Scoville	ID	83415	Demolition	2020
50 Industrial	4,369	96997	Scoville	ID	83415	Demolition	2020
60 Service	7,737	97347	Oak Ridge	TN	378308050	Demolition	2020
60 Service	640	123598	Argonne	IL	60439	Demolition	2020
60 Service	28,917	97338	Oak Ridge	TN	378308050	Demolition	2020
60 Service	1,908	118067	West Milton	NY	12020	Demolition	2020
60 Service	76	136767	Berkeley	CA	94720	Demolition	2020
72 Communication Services	320	90167	Menlo Park	CA	940257015	Demolition	2020
60 Service	5,604	130770	Panhandle	TX	79068	Demolition	2020
74 Laboratories	640	90173	Menlo Park	CA	940257015	Demolition	2020
74 Laboratories	640	90178	Menlo Park	CA	940257015	Demolition	2020
74 Laboratories	518	123589	Argonne	IL	60439	Demolition	2020
74 Laboratories	1,948	123597	Argonne	IL	60439	Demolition	2020
74 Laboratories	8,862	94842	Scoville	ID	83415	Demolition	2020
74 Laboratories	687	90180	Menlo Park	CA	940257015	Demolition	2020
74 Laboratories	1,232	90182	Menlo Park	CA	940257015	Demolition	2020
74 Laboratories	7,810	123596	Argonne	IL	60439	Demolition	2020

Project Name	Project Type (Consolidation, Disposal, Reconfiguration of Existing Space)	Description	Location; City, State	Start Date Projected	Start Date Actual	Completion Date Projected	Completion Date Actual	Space Reduction Planned (SF)	Space Reduction Actual (SF)
K-27 Building Demolition	Disposal	Demolish last gaseous diffusion plant (K-27) at ETPP and dispose of debris. K-27 was tracked as nine units in FIMS	Oak Ridge, TN	2018	2016	2018	2016	1,114,380	1,114,380
K-731 Building Demolition	Disposal	Demolish former Switch House Facility at ETPP and dispose of debris	Oak Ridge, TN	2018	2016	2018	2017	69,330	69,330
K-1037 Building Demolition	Disposal	Demolish former Materials Laboratory Facility at ETPP and dispose of debris.	Oak Ridge, TN	2021		2021		378,157	
K-1220 Building Demolition	Disposal	Demolish former Centrifuge Process Facility at ETPP and dispose of debris	Oak Ridge, TN	2023		2023		76,023	
K-1210 Building Demolition	Disposal	Demolish former Centrifuge Component Test Facility at ETPP and dispose of debris	Oak Ridge, TN	2023		2023		54,602	
K-1220 Building Demolition	Disposal	Demolish former Centrifuge Plant facility at ETPP and dispose of debris	Oak Ridge, TN	2023		2023		86,128	
Demolish Buildings 9111 and 9112 at NNSA's Y-12 National Security Complex	Disposal	Demolition of the 25,521 square feet associated with these two facilities will eliminate the hazards associated with decaying structural and mechanical components.	Oak Ridge, TN	2017		2018		25,521	
Integrative Genomics Building (IGB)	Consolidation	Consolidate occupants from two leased buildings (The Joint Genome Institute (JGI) in Walnut Creek and the Systems Biology Knowledgebase (KBase) in Emeryville) to the IGB	Berkeley, CA	2016		2019		6,448	
Relocate EMCBC Headquarters	Consolidation	Consolidate occupants from two leased buildings to the Federal Building	Cincinnati/ Springdale, OH	2018		2019		2,000	
Demolish Building CF-688, Technical Center	Disposal		Scoville, ID	2018				19,312	

FY 2016 Year-end Data Anomaly and Checks

1. Estimated Disposition Year = 2016 or a prior fiscal year
2. Excess Indicator = "Yes" and the Status is Operating
 - a. Operating, Operational Standby, Operating Pending D&D, Operating Under an Outgrant
3. Excess Indicator = "No" and the Excess Year is equal to 2014 or a prior fiscal year
4. Excess Indicator = "Yes" and Mission Dependency is Mission Critical or Mission Dependent, Not Critical
5. Check for blank inspection dates or dates older than 5 years
6. Excess assets (Excess Indicator = 'Yes') that have a utilization percentage > 0 percent
7. Actual Maintenance > Replacement Plant Value
8. Actual Maintenance = \$0 for active facilities
9. Deferred Maintenance or Repair Needs > Replacement Plant Value
10. Compare numeric values for Operating Cost, Actual Maintenance, Repair Needs, Deferred Maintenance, Gross SF, Acreage, RPV, Annual Rent and property type counts with previous FY year-end values to identify large variances
11. Missing Quantity for OSF's
12. RPV, DM, AM, Repair Needs = null or \$.01, \$1, \$2, \$5....
 - a. Check will be based on minimal threshold established by OAM
 - b. Sites must justify values below minimum threshold
13. Using Organization contains a value other than 8900 DOE and the Outgrant Indicator is equal to "No"
14. Verify Roads (usage codes 1729, 1739, 1749) have Public and Non-Public miles populated and match the primary quantity
15. Hours of Operation: question hours greater than 0 for Shutdown assets
 - a. Only verify buildings and trailers for Op Cost allocation
16. GSA Assigned – updated per Rent Bills/Occupants

17. Verify consistent application of energy consuming square footage reporting. Confirm the energy consuming square footage matches the reported gross square footage

Archive Checks

18. Verify that Federal Transfers are transfers between federal agencies
 - a. Confirm the recipient field contains the name of the receiving Federal agency
19. Check for large negative Net Proceeds and verify all Negotiated Sales. Low sales price and net proceeds for all assets disposed via Sales.
20. Confirm "Other" Dispositions
 - a. Trailers converted to personal property for disposition
21. Verify that all assets archived after the end of the fiscal year are for the previous fiscal year and not the current fiscal year. For example, an asset archived on October 15, 2014 is a FY 14 disposition and not a FY 15 disposition.

Leased Asset Checks

22. Verify Lease Expirations (XP) are not Lease Terminations (TM)
23. For Lease Terminations (TM)
 - a. Ensure the termination was not a month to month lease
24. Confirm annual rent values of \$0 for Leases is correct
25. Ensure that no expired leases exist in FIMS.

Population Queries Checks

26. Verify that all FRPC required data elements are 100 percent populated prior to the year-end snapshot.
 - a. Especially for newly added records from the fiscal year-end
27. Right before or after snapshot
 - a. Verify that site level operating cost is fully populated for all sites
 - b. Site level operating cost must be greater than or equal to the total asset level operating cost input by the Site
 - c. If there is a difference between the site level operating cost and the total asset level operating cost, ensure there are assets that have fields available for the allocation process to populate