

***General Plant Projects (GPP)**

- a. GPPs are miscellaneous minor new construction projects of a general nature, the Total Estimated Costs (TEC) of which may not exceed the established limit of \$5 million. GPPs are necessary to adapt facilities to new or improved production techniques, to effect economies of operations, and to reduce or eliminate health, fire, and security problems. These projects provide for design or construction (or both), additions, and improvements to land, buildings, replacements or additions to roads, and general area improvements.
- b. By their nature, GPPs are difficult to detail in advance and are subject to changing priorities and requirements, emergencies, and contingencies arising after the budget submission that may force changes in scope, schedule, and the order in which these projects are undertaken.
- c. GPP funds are not intended to be used in incremental segments to construct larger facilities. Exercise care to ensure that each specific project is a discrete, stand-alone entity. Each project must result in the delivery of a complete and usable facility, including the initial complement of equipment required for the facility to meet its intended purpose. In this regard, only GPP funds can be used to make the designated project complete and usable.
- d. When design is funded in one fiscal year and construction is funded in the next fiscal year, every effort must be made to complete the construction as early as possible. The cognizant field element must maintain controls to ensure compliance with the Congressionally established limit and incremental funding prohibitions.
- e. For all GPPs, only TEC should be applied against the established limit. These costs include preliminary and final design, construction activities, and as-built drawings.
- f. Other Project Costs (OPC) do not apply to the established limit for GPPs. These costs include NEPA reviews and documentation, conceptual design activities, engineering studies, and transition to operation (pre CD-4).
- g. The Subcommittee on Energy and Water Development Appropriations has merged capital equipment, general plant projects (GPP), and most accelerator improvement projects (AIP) with operating funding. Construction activity that is less than \$5,000,000 per project will be included in the operation and maintenance accounts. However, the Committee directed the Department, in implementing these changes, to continue to reflect capital equipment, general plant projects, and accelerator improvement projects in financial and accounting reports. Also, the committee directed that specific details for planned capital equipment and general plant projects be included in the annual budget justifications.
- h. Program specific GPP or AIP are to be funded by the benefiting program. The site landlord should insure that sufficient support is provided for non-program specific GPP or AIP consistent with all other operational and maintenance funded landlord activities. GPP or AIP projects may not be funded from overhead or other indirect functional accounts (see section on Institutional General Plant Projects (IGGP)).

- i. While some information concerning GPP and AIP are requested for use by Headquarters Program Offices in preparing the FY BY budget request to OMB and the Congress, Field and Operations Offices are responsible for monitoring the details of GPP and AIP activities of sites under their jurisdiction. Field and Operations Offices will be required to provide necessary details of GPP and AIP activities of their sites on request.

Reporting of General Plant Projects and Accelerator Improvement Projects Data

- a. The format for the Field Budget submission for reporting and requesting funding for General Plant Projects and Accelerator Improvement Projects by site is provided in Figure 2.0, and consists of two parts.
 - iii. **Part I Summary** is a tabulation of the GPP or AIP by Headquarters Organization and Budget and Reporting (B&R) code. For each B&R, the obligations and costs for the FY PY, the FY CY, and the FY BY should be provided. The total obligations and costs for each year by the site should also be shown. The financial data from Part II Project Listings should be reconciled with Part I.
 - iv. **Part II Project Listing** is a brief description of the GPP or AIP accomplishments that are expected in the PY with available funds and/or anticipated if the requests for the FY CY and FY BY are approved. At the time of submission of the Field Budget Request, the PY is roughly one-half complete. The anticipated GPP or AIP activities for the FY CY are in the budget request being considered by the Congress. If the anticipated GPP or AIP activities for the FY CY are now expected to be different than those submitted to the Congress, explain the reason and impact.
 1. Each FY PY project shall be described in a separate section of the project listing form. Individual FY CY projects, if known, should be described on a separate section also. Generic FY CY and FY BY projects may be grouped on a single section of the project listing form.

The data elements for Part I are as follows:

Site Name - the site name assigned by DOE Headquarters.

Landlord - the funding Headquarters Program designated to oversee multi-program and facility infrastructure requirements.

Contact Person - the name, phone number, fax number, and e-mail address of the person to be contacted concerning the project information provided.

Field Office - the Operations, field, project office, or other non-Headquarters element responsible for the site.

Budget & Reporting Classification Code (B&R) - Include the B&R code that provides funding for the GPP or AIP. If a single B&R provides the GPP or AIP funding at the site, a total line is not required.

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Data elements for Part II are:

Site Name - the name assigned by DOE Headquarters.

Landlord - the funding Headquarters Program designated to oversee multi-program and facility infrastructure requirements.

Narrative Description - for BY PY and known BY CY projects, describe the problem severity and mission importance of the project, the project scope in terms of capacity or other shortcomings remediated, and other justification for the project.

- (b) For generic FY CY and FY BY projects, describe the backlog of unfilled requirements and substandard assets by use category name, summarize findings of any condition assessment surveys, and provide any other justification for use GPP or AIP funds.

Funding B&R - enter the program B&R that will fund the GPP or AIP activity.

Obligation Profile – summarize the amount in thousands for the activities anticipated in each fiscal year.

Cost Profile - summarize the amount in thousands for the activities anticipated in each fiscal year.

Direct questions concerning GPP or AIP reporting to the Office of Engineering and Construction Management (MA-50).

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Figure 2.0

	FY PY		FY CY		FY BY	
	Obligations	Costs	Obligations	Costs	Obligations	Costs
HQ Program Office B&R						
B&R # 1						
B&R # 2						
Subtotal, HQ Program Office # 1						
B&R #n						
Subtotal, HQ Program Office #n						
Landlord Funded GPP B&R						
Total Site						

**Denotes new/revised guidance (in red and marked with an asterisk)*

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Figure 2.0 (continued)

Narrative Description of GPPs (or AIPs) by fiscal year and funding B&R.

Site Name _____
 Landlord _____

FY	Description of GPP (or AIP)	Funding B&R	Obligation Profile for B&R	Cost Profile for B&R
1. 2. 3. n.		B& R #1	PY _____ CY _____ BY _____ BY+1 _____ BY+2 _____ BY+3 _____ BY+4 _____ BY+5 _____	PY _____ CY _____ BY _____ BY+1 _____ BY+2 _____ BY+3 _____ BY+4 _____ BY+5 _____
FY	Description of GPP (or AIP)	Funding B&R	Obligation Profile for B&R	Cost Profile for B&R
1.		B&R #2	PY _____ CY _____ BY _____ BY+1 _____ BY+2 _____ BY+3 _____ BY+4 _____ BY+5 _____	PY _____ CY _____ BY _____ BY+1 _____ BY+2 _____ BY+3 _____ BY+4 _____ BY+5 _____

**Denotes new/revised guidance (in red and marked with an asterisk)*

Institutional General Plant Projects (IGPP)

- a. Institutional General Plant Projects are miscellaneous construction projects that are each less than \$5,000,000 in TEC and are of a general nature (cannot be allocated to a specific program). IGPPs support multi-programmatic and/or inter-disciplinary programs and are funded through site overhead.
- b. Examples of acceptable IGPPs include site-wide maintenance facilities and utilities, such as roads and grounds outside the plant fences or a telephone switch that serves the entire facility. For example:
 - a. 5000 Area 13.8kV distribution system upgrade—This project provides new 13.8 kV pad-mounted disconnect switches, underground duct bank and 13.8 kV cabling will be installed to integrate with the existing 13.8 kV system and to improve capacity and system reliability. TEC: \$3,250,000.
 - b. 4000 Substation Capacity Expansion—The existing 4000 substation will be reconfigured to increase its reliability and capacity. TEC: \$2,300,000.
 - c. West Campus 1500 Series Facility Renovations—The Biological and Environmental Sciences Directorate will consolidate its research activities into West Campus facilities and vacate 40,000 square feet of offices and laboratories, the majority located in 4500S. This project renovates building systems and laboratory space in the West Campus to accommodate the consolidation. TEC: \$4,000,000.
- c. The Overview section of the DOE Congressional Budget Submission for each LPSO’s budget, includes a section for the reporting of IGPP funding by site. An example of the funding chart is provided below.

(dollars in thousands)

	FY PY	FY CY	FY BY
Argonne National Laboratory	—	1,500	6,000
Brookhaven National Laboratory	—	400	6,820
Lawrence Berkeley National Laboratory	336	500	4,100
Oak Ridge National Laboratory	6,932	14,200	14,000
Pacific Northwest National Laboratory	13	2,000	1,500
Stanford Linear Accelerator	—	—	3,000
Total, IGPP	7,281	18,600	35,420

DOE Order, 430.1b, REAL PROPERTY ASSET MANAGEMENT, provides additional guidance on use of IGPP funding.