U. S. Department of Energy
Facilities Information Management System
Request for Change
Change Request #: 10-17

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				Contractor	

Proposed Change:	Consumption Meters [Dimensions screen, Energy Consuming Section (Buildings, Trailers, OSFs)]
	Replace the four meter fields with the following array:
	If the asset uses any of the following utilities or fuels, select how its consumption is individually metered: (options: Not used, de minimus use, *not metered, metered – standard,* or *metered – advanced; defaults to not used*)
	List of utilities:
	- Electricity *Not Used* - Gas - Natural *Not Used* - Gas - Other *Not Used* - Coal *Not Used* - Fuel Oil *Not Used* - Steam *Not Used* - Water – Chilled *Not Used* - Water – Potable *Not Used* - Water – Non-Potable, Fresh *Not Used*
	In the data dictionary define "not metered" as "consumption not directly measured in its entirety through one or more meters dedicated to the asset." Additionally clarify that sites would not report meters measuring partial consumption or serving multiple assets.
	DOE does not currently define "de minimus," a term indicating minimal consumption appearing in EPAct 2005. In the Data Dictionary, define "de minimus" as 0.1% or less of site usage of any particular utility. The sum total of all de minimus use across a site should not exceed 10% of site usage. Direct users to avoid double-counting renewable generation by the asset record. Enter renewable generation amounts from OSFs as negative numbers.
	If a related RFC on utility consumption is not approved, then additionally collect:
	If used and metered [for each], enter the date correct function of the meter was last verified: (yyyy)
	Note: A related RFC will propose changes pertaining to OSFs that generate energy
Justification:	DOE O 430.2B based on EO 13423 requires metering various utilities including water. EO 13514 expands the list of utilities agencies need to track to include non-potable fresh water. Current reporting identifies meters in place but not the utilities servicing the assets. Both sets of data are necessary to determine compliance with metering provisions in EPAct 2005 and EISA 2007. Requesting the last date site management has verified a meter's function will encourage sites to inspect meters with some regularity. If the RFC on utility usage is approved, quarterly submission of data will indicate correct meter function.
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Remarks by FAC:	#17 was tabled due to time, discussion of process metering versus non-process, campus wide metering versus the goal to meter granularly by asset, defining the term 'verified', changes in the draft SSPB, and details over the Water-Chilled item. Roger to get with Ivan. FAC to scan the

EISA Benchmarking guidance. The FAC decided to expand the listing of utilities but not to include Ivan's desire to populate cost data and meter verification. The FAC determined FIMS was not the repository for such information as it resides elsewhere and can be developed in the Energy Management System(s).

08/18/10 – FAC Partial Recommendation
The FAC has agreed to the addition of Consumption Meters for Electricity, Gas – Natural, Gas – Other, Coal, Fuel Oil, Steam/Hot Water, Water-Chilled, Water-Potable, and Water-Non-Potable, Fresh. These consumption meter fields will be picklist defined fields and will contain the following options: not used, de minimus use, not metered, metered-standard, metered-advanced. The default selection will be not used.

08/31/2011 – FDDC Approved the addition of the consumption meter fields but not the meter date verification.

Implemented with FIMS v2.3 on January 18, 2012