C Table of Standard Fixture Wattages

C.1 Overview
The Table of Standard Fixture Wattages contains reference data for estimating demand and energy savings in the Standard Offer Program for lighting measures. The Table assigns identification codes and demand values (watts) to common fixture types (fluorescent, incandescent, HID, LED, etc.) used in commercial applications. The Table wattage values for each fixture type are averages of various manufacturers' laboratory tests performed to ANSI test standards. By using standardized demand values for each fixture type, the Table simplifies the accounting procedures for lighting equipment retrofits.

Entergy posts updated versions of the Table on the program Web site at www.ENTERGYefficiency.com as new fixtures are added. Project Sponsors should make sure that they are working with the most recent version of the Table as they prepare Lighting Equipment Survey forms.

If a project uses a fixture type not listed in the Table, the Sponsor should request a new fixture code from Entergy. The request should include all information required to uniquely identify the fixture type and to fix its demand. If possible, the request should be supported by manufacturer's ANSI test data. The Sponsor should not attempt to create their own codes or assign wattages that have not been approved by Entergy.

The Lighting Equipment Survey Form is linked to a copy of the Standard Wattage Table and looks up wattage values for fixture codes automatically. For this reason, Sponsors should use only the identification codes included in the Table.

C.2 Table
The Table is subdivided into fixture types such as linear fluorescent, compact fluorescent, mercury vapor, etc, with each subdivision sorted by fixture code. Each record, or row, in the Table contains a fixture code, which serves as a unique identifier. Each record also includes a description of the fixture, the number of lamps, the number of ballasts if applicable, and the fixture wattage. A legend explains the rules behind the fixture codes.

The US Energy Policy Act of 1992 (EPACT) sets energy efficiency standards that preclude certain lamps and ballasts from being manufactured or imported into the US. Under the Standard Offer Program, all lighting equipment, including existing or baseline equipment, must be EPACT compliant. As a result, certain lamp/ ballast combinations, which are non-EPACT compliant, are assigned EPACT demand values. Thus, a 4-foot fixture with 40-watt T-12 lamps and a standard magnetic ballast has the same demand value as a like fixture equipped with 34-watt T-12 lamps and an energy efficient magnetic ballast.

The fixture codes and the demand values listed in the watt/fixture column in the Table of Standard Fixture Wattages must be used in calculating energy and demand savings for any lighting efficiency project in the Standard Offer Program.