

5.7.16 Other Major Appliance Efficiencies

<u>Residential Appliance Type</u>	Efficiency	2005 Stock	2010 U.S. Average	2010
	<u>Parameter (1)</u>	<u>Efficiency</u>	<u>New Efficiency</u>	<u>Best Available New Efficiency</u>
Dishwashers	EF	0.30	0.61	1.13
Clothes Washers (2)	MEF	2.00	2.00	3.88
Clothes Dryers (electric)	EF	3.01	3.10	3.16
Clothes Dryers (gas)	EF	2.67	2.75	3.02
Cooktop (Gas)	Cooking Efficiency	0.38	0.40	0.42
<u>Commercial Appliance Type</u>	Efficiency	2010 Stock	U.S. Average	1992
	<u>Parameter (1)</u>	<u>Efficiency</u>	<u>New Efficiency</u>	<u>Best Available New Efficiency</u>
Cooking Equipment:				
Electric Appliances	EF	0.74	N.A.	N.A.
Gas Appliances	EF	0.53	N.A.	N.A.
Laundry Equipment:				
Electric Drying	EF/COP	N.A.	N.A.	0.98
Gas Drying	EF	N.A.	N.A.	0.36
Motors	EF	N.A.	N.A.	0.65
Office Equipment:				
Linear Power Supplies	EF	N.A.	N.A.	0.30 - 0.60
Switching Power Supplies	EF	N.A.	N.A.	0.80 - 0.95
Motors	EF	N.A.	N.A.	0.60 - 0.70

Note(s): 1) EF = Energy Factor. MEF = Modified Energy Factor. COP = Coefficient of Performance. 2) EF does not include remaining moisture content (RMC) of clothes. MEF includes RMC which shows how much the clothes dryer will be needed.

Source(s): EIA/Navigant Consulting, EIA - Technology Forecast Updates - Residential and Commercial Building Technologies - Reference Case, Oct. 2011, p. 46-57 for residential stock; EIA, Supplement to the AEO 2012 - Early Release, Jan. 2012, Table 32 for commercial cooking data; and BTS/OBE, Characterization of Commercial Building Appliances, Aug. 1993 for commercial efficiencies.