Energy Star Lamp/Bulb - any interior or exterior application, all Res dwelling types, new or existing construction
Delivery Mechanism - Manufacturer, retailer or consumer rebate, coupon or other incentive and direct installation. Unit must comply with Energy Star specifications and wattage must be more than 5 Watts.

Calculation of watts displaced

Existing Wattage	New Wattage	Watts Displaced	Number of bulbs	Total Watts Displaced		Avista Box	Units
60	13	47	2	94			
75	19	56	3	168			
100	23	77	3	231			
Total:			**8**	**493**	=>	**493**	W
Average displacement/bulb:				62			

Weighted avg int/ext hours on/day	2.32	hr/day
Weighted avg int/ext consumption reduced	417.5	kWh/yr
Weighted avg int/ext adjusted lifetime with given on-time	3927	hr
Weighted avg int/ext adjusted lifetime with given on time	4.6	yr
Weighted avg int/ext removal factor	12.0%	
Weighted avg int/ext take-back factor	5.0%	
Weighted avg int/ext space conditioning interaction	13.3%	
kWh/yr w/o take-back (TRC)	367	
kWh/yr w/ take-back (Utility)	302	
Site savings per lamp w/o take-back (TRC)	46	
Site savings per lamp w/ take-back (Utility)	38	

Additional assumptions included in the 6th Plan calculations:
-Housing stock type and average square footage (single family, multifamily, manufactured homes)
-Space conditioning system & fuel by housing stock type and vintage
-Average hours of operation by room type (interior/exterior)
-Consistent lighting density between incandescent and CFL applications
-Consistent wattage replacement
-Post-installation removal of 12%
-Take-back of 5%
-Interactive effects of 13.3%
-Initital failure rate that would include breakage

Source: EStarLighting_ExistingFY09v1_1.xls found in the Conservation Supply Curves on NPCC's 6th Plan si

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