

Overview of mandatory levy on industry

L Riyano

A large, stylized wave in shades of orange and yellow, with a small green circle above it, positioned in the bottom right corner of the slide.

EE Standards and Labeling Inception
Workshop 30.05.2013

Absorption costing base

- Total costs for Electrotechnical Department
- Estimated market size
- Number of inspectors
- Testing costs
- 15% buffer

**Levy per unit = Departmental costs for VC /
number of units**

2010 Calculation

ESTIMATED LEVIES TO BE CHARGED FOR REGULATING THE ENERGY EFFICIENCY OF HOUSEHOLD ELECTRICAL APPLIANCES

APPLIANCE TYPE	UNIT SIZE	Estimated levy per unit for energy efficiency only.				
		Years				
		1	2	3	4	5
Air conditioners	1 Item	1.75	1.87	2.00	2.14	2.29
Audio equipment, e.g. radios, hi-fi systems, etc.	10 Items	8.00	8.56	9.16	9.80	10.45
Visual equipment, e.g. TV's, VCR's, DVD players, etc	1 Item	0.85	0.91	0.97	1.04	1.11
Dishwashers	1 Item	1.75	1.87	2.00	2.14	2.29
Electric ovens	1 Item	1.75	1.87	2.00	2.14	2.29
Refrigerators and freezers	1 Item	1.75	1.87	2.00	2.14	2.29
Tumble dryers	1 Item	1.75	1.87	2.00	2.14	2.29
Washing machines	1 Item	1.75	1.87	2.00	2.14	2.29
Washer dryer combinations	1 Item	1.75	1.87	2.00	2.14	2.29

Note: The above estimates of levies are for budgetary purposes only, to cover NRCS activities for regulating for energy efficiency only and do not include costs to cover regulating for safety. The charges are based on year 1 being 2010 and a uniform annual inflationary increment of 7%. The actual levies would be negotiated with industry and may be significantly different from the above depending on the realities prevailing at the actual time of levy consultations.

Created by L Riyano 05/11/2010

CALCULATION BASE

Object	2010	2013	2013 Levies	Notes
Total cost	27,300,000	34,872,837		
Large appliances	820,000 units	820,000	R 1.83 each	60% of inspectors time
Visual equipment	1,700,000 units	1,700,000	R 0.71 each	20% of inspectors time
Audio equipment	1,600,000	1,600,000	R 0.72 each	20% of inspectors time
No. of inspectors	2	2		
Cost of inspectors	R 1,436,842	R 1,835,412		
Testing	2,000,000	2,000,000		Spread costs over 4,120,000 units
Buffer	15%	15%		Corporate overheads

Letter of Authority (LOA)

There will be an LOA fee

LOA for safety and EE	R 2 097
EE component	R 570
Current LOA fee	R 1 527 (unpublished)

The End

Thank you!