Option A

AB 1109 Taskforce Committee on Collection/Recycling

For Discussion Purposes Only
Collection and Recycling Process

MANUFACTURER → RETAILER

RECYCLER

CONSUMER

COLLECTOR

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Collection and Recycling Process

• Key Elements:
  – Focus on the requirement that the system is convenient and cost effective for the consumer.
  – Shared responsibility
  – Appropriate performance measures and requirements to collect data
  – Use of Public Goods Charge as appropriate
  – Recycling facilities operate in compliance with all state regulations
  – Collectors must comply with CA universal waste requirements
  – Need to balance cost of recycling with desired energy efficiency goals.
Collection and Recycling Process

Manufacturers

• Primary responsibility for implementing convenient collection system:
  • Mechanisms not specified: Options include retail take-back, mail back, HHW facilities, curbside, other.
  • Shared responsibility for publicity and outreach
• Responsible for achieving specified “convenience goals”.
• Pays for transportation and recycling of lamps until convenience goals are met (potentially through a third party organization). Access to funds from Public Goods Charge after goals are met.
• Must provide data on sales and collection opportunities to State.

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Convenience Goals

• Number of recycling opportunities:
  – Per capita
  – Per square mile
  – Within x radius
  – Within x time
  – Weighted appropriately for urban vs. rural

  – See Bottle Bill AB 2020 “Convenience Zones”
Collection and Recycling Process

• All retailers:
  – Responsible for providing point of sale information on energy efficiency benefits and recycling opportunities.
  – May only sell lamps for which manufacturer is in compliance.
  – Responsible for reporting annual lamp sales in California.

• Voluntary/Mandatory Collection
  – All stores invited to participate as collection centers
  – Responsible for appropriate on site management of returned lamps
  – If after 2 years, manufacturers can demonstrate inability to meet convenience requirements due to lack of retailer participation, then all retailers >X sq. ft. and >Y annual sales are required to participate until convenience measures achieved.

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Collection and Recycling Process

Consumers

• May not dispose of lamps in MSW
• Responsible for recycling lamp via various mechanisms: retail take-back, mail in, HHW facility, drop off, etc.
• Ultimate cost of recycling bourn by consumer via Public Goods Charge and/or price of lamp
• Utility rate recovery (Option B?)
• Solid waste fee (Option C?)
Collection and Recycling Process

Collectors and Recyclers

• Must follow universal waste management requirements.
• May enter into contracts with Manufacturer and Retailers to meet convenience goals.
• Recyclers must provide reporting on recycling of California lamps to State (via contract provisions from manufacturers).
Collection and Recycling Process

- Facilitate flow of public goods charge funds for recycling and transportation (CPUC?)
- Only distribute lamp brands who are fully in compliance with the program.
- Outreach and education on disposal closely coupled with all outreach on energy efficiency
- Report data on lamp distribution outside retail environment (*give-aways*)

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Collection and Recycling Process

State Government

- Provide oversight for measurement of convenience goal
- Provide certification/enforcement of recycling operations
- Provide compliance assistance to collectors and handlers
- Collect sales and recycling data. Review performance and consider enacting diversion-based performance standards
Collection and Recycling Process

Local Government

- Provide outreach and education in partnership with State, utilities, retailers, and producers
- Participate with producers to create drop-off centers for lamps.
- Outreach and education on disposal closely coupled with all outreach on energy efficiency
- Coordinate with LEAs and solid waste management companies