Option R- ALMR

AB 1109 Taskforce
Committee on Collection/Recycling
5/19/08
This information is for use with any of the existing or new options being considered; it is a critical component in any of them, but not intended to be a stand alone option

• The existing commerce of lamp recycling: works at lowest cost for about 98% of what is being recycled today

• New sector (consumers)- up to now have been very small component (2%) but forecasts show significant increase if accessible

For Discussion Purposes Only
Collection and Recycling Process
involves everyone if it is going to work
Collection and Recycling Process

Key Elements:

This analysis focuses only on the most cost-effective collection, shipping and recycling of mercury lamps. It is a key component of any of the options being considered.

- Market based- free market with competition
- Cost efficiencies are volume driven and use existing infrastructure
- Unit costs historically have been $0.20-0.50 per bulb all inclusive
- New infrastructure is solely for consumer convenience: adds costs and new overhead/funding layers if 3rd party is involved
- Some estimates could increase costs by factor of 10 times or more
- Shared responsibility for funding
- Appropriate performance measures and requirements to collect data and enforce
- Funding needs are for lamps that get recycled, not extrapolations

For Discussion Purposes Only
Collection and Recycling Process

Source of Funds
- Manufacturers
- Retail
- Utility
- HHW (local government)

Use of Funds
- Collection Location (hands-on)
  - Retail
  - HHW
  - Contractor
  - Local

Recycler
- Shipper
  - Handler
  - Broker
    (hands-on)

Sales, price increase
- More traffic, pricing
- Ratepayer, public goods
- State program funding

For Discussion Purposes Only
Collection and Recycling Process

• Key Elements:

  – Use of Public Goods Charge if appropriate
  – Pays for hands on role, not for 3rd party, admin, overhead, government, etc.

  – All funding sources have income to offset costs! Either existing or potential revenue sources