Georgia Recycling Conference

Aluminum and Steel Can Update
Aluminum Information
LME Historical Pricing
LME Historical Pricing

[Graph showing historical pricing data for LME from January 2005 to July 2011]
Aluminum Product News

Positive
- Automotive Industry – Double use by 2020
- Laptop Computers - Increase usage by 30%
- Increased unit count
- Collection

Negative
- Light-weighting - Foil, Wire, Cans
- Plastic Bottles
- Raw material cost
Aluminum Facts

• An aluminum can will last more than 500 years in a landfill
• Aluminum accounts for less than 1% of the waste stream
• We use 80,000,000,000 (billion) beverage cans per year
• Therefore, approximately 800 million cans per year go to the landfill - (approximately $24 million)
• Aluminum recycling cycle can be as little as 60 days
• Pepsi was the first company to introduce the 12 Pack in 1972
Steel Can Information
Steel Can Historical Pricing

Densified Cans

Jan-08  Mar-08  Jul-08  Sep-08  Nov-08  Jan-09  Mar-09  May-09  Jul-09  Sep-09  Nov-09  Jan-10  Mar-10  May-10  Jul-10  Sep-10  Nov-10  Jan-11  Mar-11  May-11  Jul-11
Steel Can Historical Pricing

Densified Cans

Jan-05  Apr-05  Jul-05  Oct-05  Jan-06  Apr-06  Jul-06  Oct-06  Jan-07  Apr-07  Jul-07  Oct-07  Jan-08  Apr-08  Jul-08  Oct-08  Jan-09  Apr-09  Jul-09  Oct-09  Jan-10  Apr-10  Jul-10  Oct-10  Jan-11  Apr-11  Jul-11
Steel Can Product News

• Steel can packaging originated for military use
• Layer of tin in a steel can is thinner than a human hair
• Food packaged in steel cans requires less energy for delivery and storage than other methods
• New innovations such as resealable and microwavable cans are around the corner
Steel Facts

• Americans use 28 billion steel cans a year
• Steel Can recycling rate is 65%
• One ton of recycled steel equals 2,500 lbs of iron ore, 1,400 lbs of coal, & 120 lbs of limestone
• Steel recycling industry is over 150 years old
• Frame for a standard home – steel would need 6 strap cars, wood would need 40 trees
• Recycling steel saves enough energy to power 18 million homes for a year
QUESTIONS?