Glass Recycling

March 21, 2019
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- WestRock
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- evergreen packaging
- Re-TRAC
- Shaw
- WM
- Ball
- The Recycling Partnership
- Recris Pacific Company

SERDC.org
Glass Value Chain
Recycling Value Chain
Funding from MRF and Consumer
Material Recovery Facility
# Payback on Upgrade Equipment

<table>
<thead>
<tr>
<th>Tons/year</th>
<th>Pay $30</th>
<th>Pay $10</th>
<th>Savings/yr</th>
<th>5 year</th>
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Heat Map
Markets are Supply and Demand
Influences On Commodity Prices

• Supply/Demand – Domestic and Global
• Liquidity
• Alternatives/Substitutes
• Quality
• Currency
• Location/Logistics
• Seasonality/Timing
• Import restrictions
• Tariffs
A small change in quantity can result in a large change in price. A small drop in demand, can result in a large price drop.
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Inelastic Supply

Small Change in Quantity = Large Change in Price
Prices Follow Energy

ACR vs. WTI Oil Pricing

- ACR
- WTI Oil Pricing
- 10 Yr Avg. ACR

Jan-05 to Jul-16

$160
$140
$120
$100
$80
$60
$40
$20
$0

$96
$76
$47
No more funding from the MRF
Two Choices

- Continue to see glass dropped from programs
- Set minimum content commitment. (even if it costs more)
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