



SESHA Conference

Austin Energy's Commitment to the Community & its Employees

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Agenda



- Austin Energy Stats
- Environmental Programs
 - GreenChoice
 - Green Building
 - Plug-In Hybrid Electric Vehicles
- Energy Efficiency Programs
- Safety Program
- Next Steps

Austin Energy at a Glance



- Owned by the City of Austin
- Serves ~360,000 customers
- Owns over 2,600 MW of generation
- Amounts to 4% of ERCOT market
- Annual retail sales of 10 million MWH
- Annual retail revenues of \$680 M

GreenChoice®

- #1 green power program in the country with 655 million kWh in subscriptions.
- Mostly from 165 wind turbines in West Texas



GreenChoice® Success



- All Austin semiconductor companies participate:
 - AMD (100%)
 - Applied Materials
 - Freescale
 - Intel
 - Sematech/ATDF
 - Spansion
 - Samsung
 - Tokyo Electron (100%)
- Benefits
 - Environmental
 - Fuel hedge
 - Advertising/PR

Emission Benefits

1 Million kWh/Month Subscription

Air Pollution

Saves this much Carbon Dioxide (CO ₂) :	<u>9,416,736</u>	Kg.	or	<u>20,760,000</u>	pounds	or	<u>10,380.00</u>	tons of CO ₂
Saves this much Sulfur Dioxide (SO ₂) :	<u>23,406</u>	Kg.	or	<u>51,600</u>	pounds	or	<u>25.80</u>	tons of CO ₂
Saves this much Nitrogen Oxides (NOX) :	<u>7,620</u>	Kg.	or	<u>16,800</u>	pounds	or	<u>8.40</u>	tons of NOX
Saves this much Volatile Organic Comp (VOC) :	<u>169</u>	Kg.	or	<u>372</u>	pounds	of VOC		
Saves this much Particulants (PM 10) :	<u>1,089</u>	Kg.	or	<u>2,400</u>	pounds	or	<u>1.20</u>	tons of PM 10
Saves this much Carbon Monoxide (CO) :	<u>2,177</u>	Kg.	or	<u>4,800</u>	pounds	or	<u>2.40</u>	tons of CO

Toxic Metals

Saves this much Mercury (Hg) :	<u>94,680.0</u>	mg.	or	<u>0.21</u>	pounds	or	<u>3.34</u>	ounces of Hg
Saves this much Cadmium (Cd) :	<u>4,308.0</u>	mg.	or	<u>0.01</u>	pounds	or	<u>0.15</u>	ounces of Cd
Saves this much Lead (Pb) :	<u>140,124.0</u>	mg.	or	<u>0.31</u>	pounds	or	<u>4.94</u>	ounces of Pb

Emission Equivalents

- Plants 42,803 trees or 2,140 acres of forest.
- Removes 2,072 cars from Austin's roads annually.
- Provides electricity to 1,204 average homes in Austin for one year.



Customer Benefits

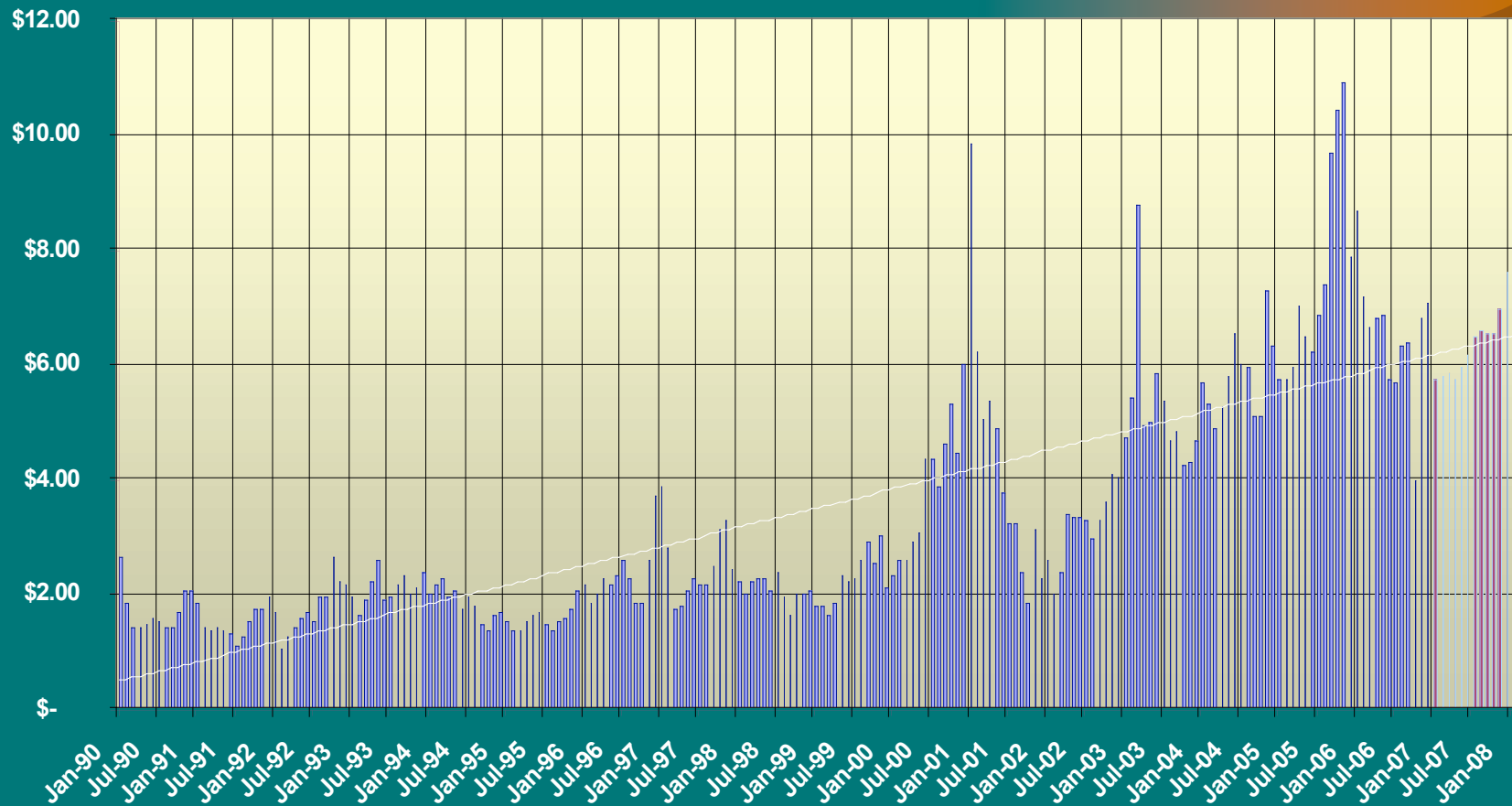


- Reduced emissions count toward corporate and Clean Air Force goals.
- National recognition from the EPA as a Power Partner.
- Counts toward ISO 14001.
- Counts toward LEED certification.

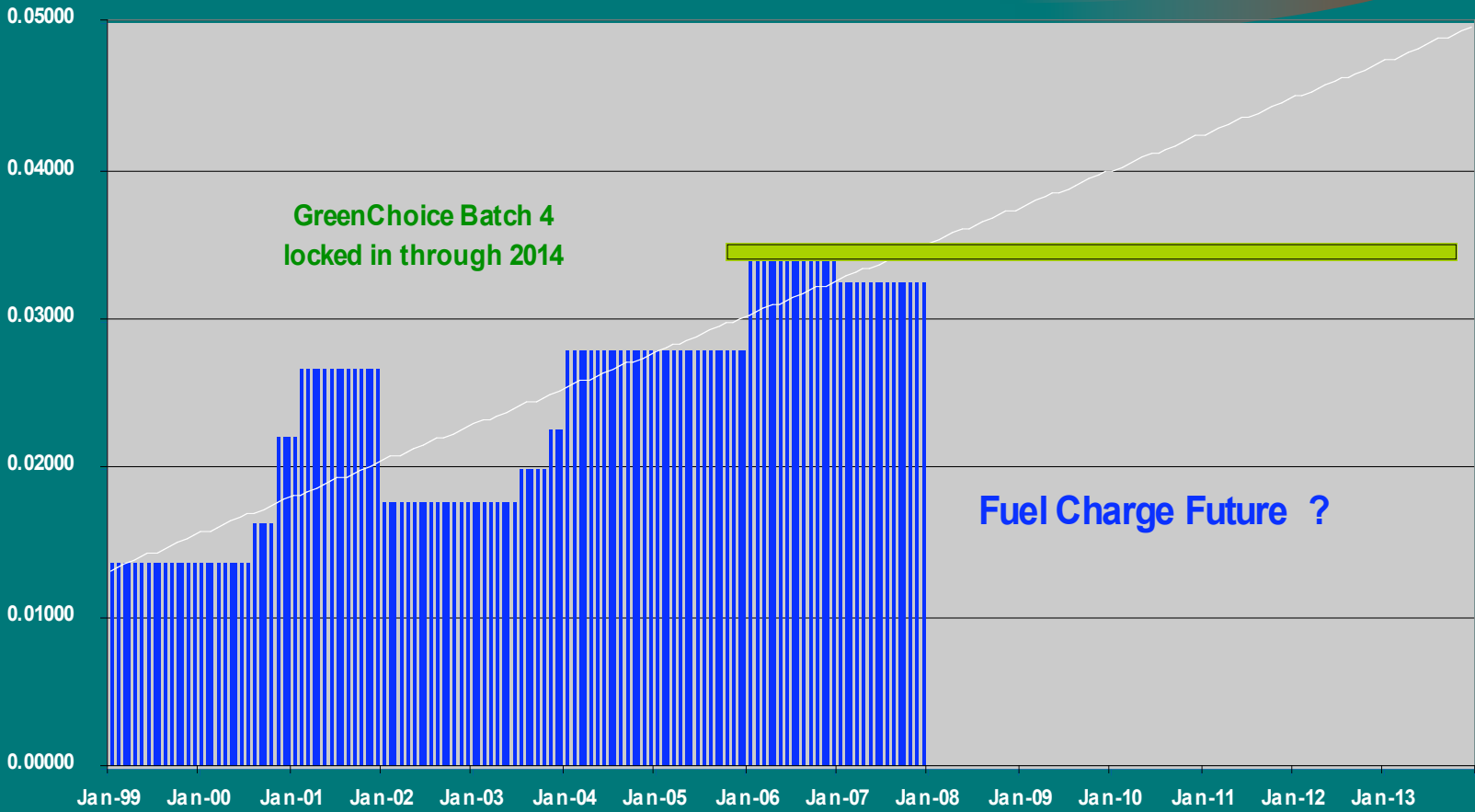
Natural Gas Trend

\$/MMBtu

Historical Monthly Houston Ship Channel Index Price



Fuel Charge Trend



Energy Efficiency



- Conservation rebate program for items exceeding minimum code efficiency
- Custom technologies program
- Up to \$200,000 annually per site

AE Cogeneration Projects



- Fuel Cell at RBJ Towers
- Domain
- Dell Children's Medical Center

Green Building Program



- #1 Green Building Program in the country
 - Manage It Green helps other cities and utilities develop green building programs
 - Resources: Sourcebook, professional directory, rebates & loans, etc.
 - Green By Design seminars for residential customers

Plug-in Hybrid Electric Vehicles



- National campaign to demonstrate to automakers that a market exists today for plug-in hybrids
- Petition form
- Soft fleet orders

Safety & Environmental Program



- All employees required to attend monthly or quarterly safety meetings
 - Review any reportable incidents for the month and lessons learned
 - General safety items: Austin traffic accident spots, poisonous snakes, poison ivy, etc.
- Emergency response plans for spill containment
- Working with AFD and consulting engineers to develop individual fire fighting plan for Industrial Customer Substations

Questions??

