

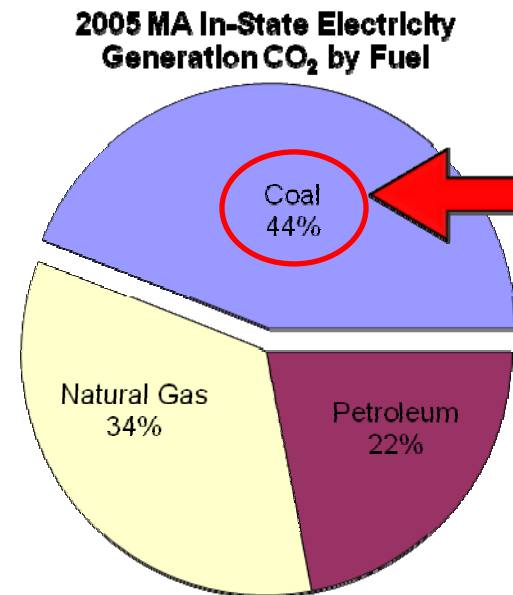
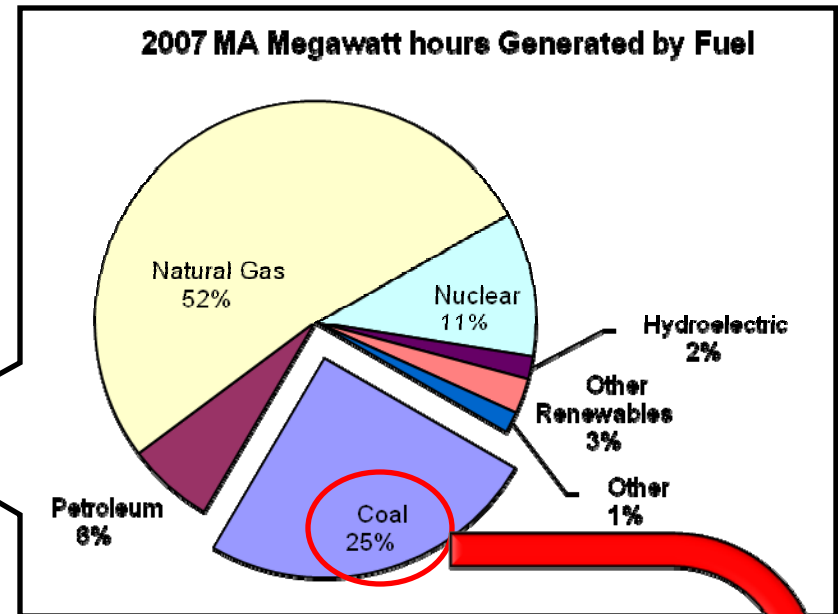
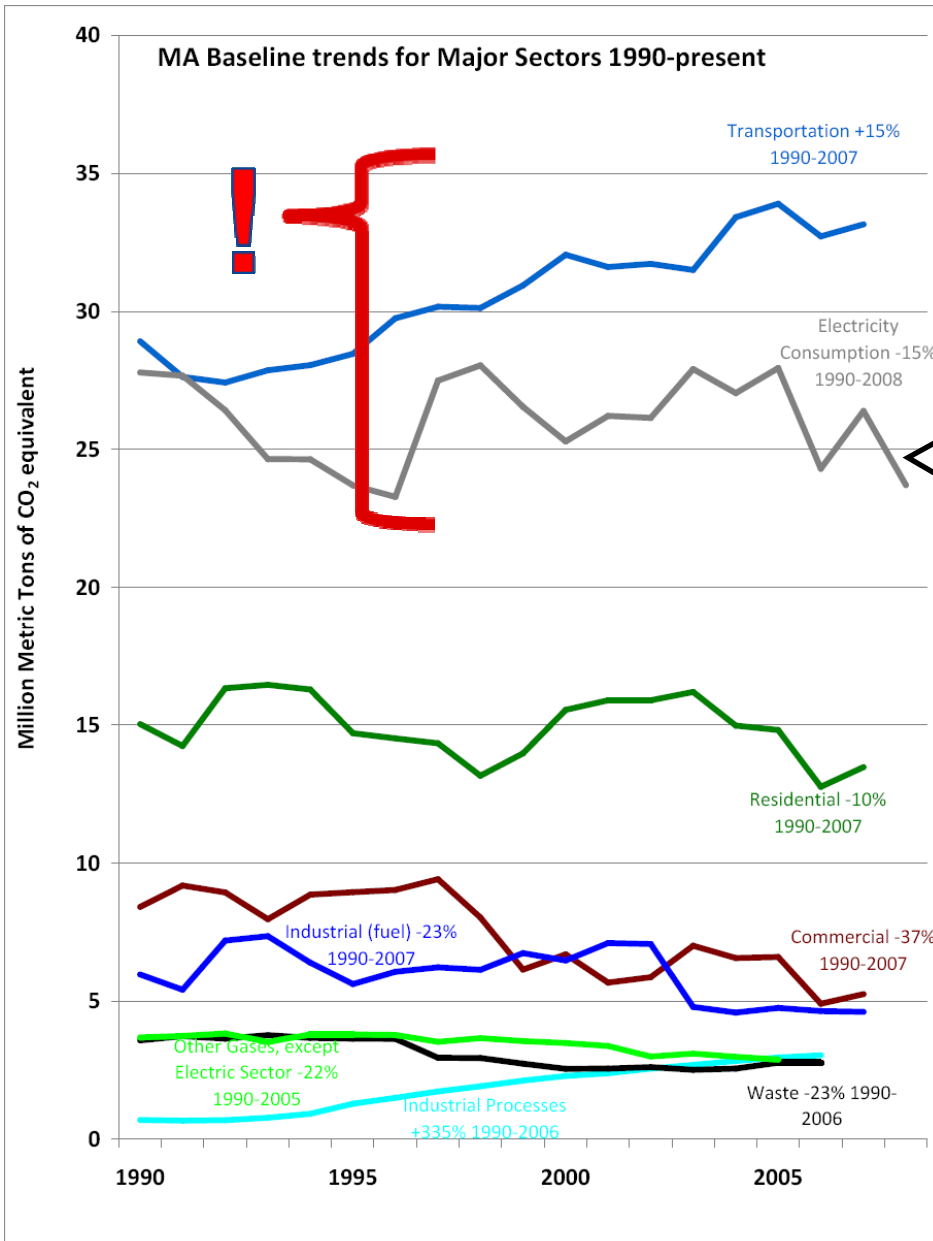
Low Carbon Energy Supply

Subcommittee –

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February 5, 2010

Low-carbon Fuel Supply



Electricity Initiatives

Example Policies	How Savings Achieved	Carbon Reduction Potential	Green Jobs
Double RPS by 2020	<ul style="list-style-type: none"> • Wind energy siting reform • Transmission to green energy zones, offshore wind network • Sustainable low emissions biomass • Expand solar development • Expand long term contracts for renewables 	H	H
Eliminate GHG Emissions From Coal	<ul style="list-style-type: none"> • Restrict high carbon generation, replace with non-emitting resources (renewables, efficiency) 	H	L - H
Smart Grid with Distributed Generation	<ul style="list-style-type: none"> • Strengthen link between cost of electricity and usage • Increase use of storage devices to integrate renewables • Electrification of transportation 	H	M - H

Transportation and Heating/Cooling

Example Policies	How Savings Achieved	Carbon Reduction Potential	Green Jobs
Increase State Gas/Diesel Taxes	<ul style="list-style-type: none"> • Increase state vehicle fuel taxes (gasoline and diesel) and jet fuel taxes, expand to ship bunker fuel • Provides funding source for cleaner alternatives, including public transit, discourages waste 	H	M
Alternative Fuel Vehicle Infrastructure	<ul style="list-style-type: none"> • Alternative Fuels for Mass Transit • Light Duty Electric Vehicles • Electric plug-ins for stationary carriers (e.g. marine vessels) • Alternative Fuels for State Vehicles 	M - H	H
Low Carbon Fuel Standard	<ul style="list-style-type: none"> • Reduce average carbon-intensity of transportation and heating fuels <ul style="list-style-type: none"> • e.g., 10% reduction over 10 yrs • Promotes cleaner alternative fuels 	H	H
Thermal Energy Portfolio Standard	<ul style="list-style-type: none"> • Replace high-carbon heating fuels with low/no-emissions sources <ul style="list-style-type: none"> • e.g. 15% solar thermal and geothermal by 2020 	H	H