

**Table C-2. Renewable Provisions in FEDERAL Legislation from the 107<sup>th</sup> Congress (as of October 2001)**

<b>Renewable Portfolio Standard</b>				
<b>Bill</b>	<b>Level</b>	<b>Basis</b>	<b>Eligible Resources</b>	<b>Other</b>
Sen. Jeffords <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (S. 1333)	<ul style="list-style-type: none"> <li>• 2.5% in 2002 rising 0.5%/yr</li> <li>• 3% in 2003 rising 1%/yr</li> <li>• 10% in 2010</li> <li>• 20% in 2020 onwards</li> </ul>	<ul style="list-style-type: none"> <li>• Requirement on all electricity generated for sale, except hydro.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solar, wind, biomass, geothermal, and landfill gas (excluding incinerated MSW).</li> </ul>	<ul style="list-style-type: none"> <li>• Creates renewable energy credit trading program. Credits only valid for year generated.</li> <li>• Imposes penalties for non-compliance.</li> </ul>
Sen. Bingaman <i>Electric Restructuring Act of 2001</i> (S. XXX)	<ul style="list-style-type: none"> <li>• TBD by DOE in 2004 and 2005 at a standard less than 2.5%</li> <li>• 2.5% from 2006-2010</li> <li>• 5% from 2011-2016</li> </ul>	<ul style="list-style-type: none"> <li>• Requirement on all electricity generated for sale.</li> <li>• Excludes Hawaii and Alaska.</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, geothermal, fuel cells, incremental hydro, and co-firing.</li> </ul>	<ul style="list-style-type: none"> <li>• Sunsets after 2016</li> <li>• Creates renewable energy credit trading program. Credits may be borrowed on future generation up to 3 years in advance and unused credits may be carried forward to succeeding years.</li> <li>• Credits are doubled if generated on Indian tribal lands.</li> <li>• Establishes federal renewable energy purchase requirement ramping up to 7.5% by 2010 and onward.</li> </ul>
Rep. Pallone <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (H. XXXX)	<ul style="list-style-type: none"> <li>• 2.5% in 2002 rising 0.5%/yr</li> <li>• 3% in 2003 rising 1%/yr</li> <li>• 10% in 2010</li> <li>• 20% in 2020 onwards</li> </ul>	<ul style="list-style-type: none"> <li>• Requirement on all electricity generated for sale, except hydro.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solar, wind, biomass, geothermal, and landfill gas (excluding incinerated MSW).</li> </ul>	<ul style="list-style-type: none"> <li>• Creates renewable energy credit trading program. Credits only valid for year generated.</li> <li>• Imposes penalties for non-compliance.</li> </ul>
Rep. Woolsey <i>Comprehensive Renewable Energy &amp; Energy Efficiency Act of 2001</i> (H. 2478)	<ul style="list-style-type: none"> <li>• 3% in 2002 rising 0.5%/yr</li> <li>• 4% in 2004 rising 1%/yr</li> <li>• 10% in 2010</li> <li>• 20% in 2020 onwards</li> </ul>	<ul style="list-style-type: none"> <li>• Requirement on all electricity generated for sale.</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, geothermal, and incremental hydro.</li> </ul>	<ul style="list-style-type: none"> <li>• Creates renewable energy credit trading program. Credits only valid for year generated.</li> <li>• Imposes penalties for non-compliance.</li> <li>• Establishes federal renewable energy purchase requirement ramping up to 20% by 2020.</li> </ul>

<b>Public Benefits Fund</b>			
<b>Bill</b>	<b>Level</b>	<b>Uses</b>	<b>Other</b>
Sen. Jeffords <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (S. 1333)	<ul style="list-style-type: none"> <li>• \$6 billion dollar fund financed by a 2 mill per kWh wires charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides federal matching funds for state programs relating to renewable energy resources, meeting energy needs for low-income households, energy conservation and efficiency, and research and development.</li> </ul>	<ul style="list-style-type: none"> <li>• Administered by Joint Board of Federal and State officials established by DOE.</li> </ul>
Sen. Bingaman <i>Electric Restructuring Act of 2001</i> (S. XXX)	<ul style="list-style-type: none"> <li>• \$3 billion dollar fund financed by a 1 mill per kWh wires charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides block grants and annual payments to states or Indian tribes programs relating to renewable energy resources, meeting energy needs for low-income households, affordable and universal access, energy conservation and efficiency, and greenhouse gas mitigation.</li> </ul>	<ul style="list-style-type: none"> <li>• Administered by a fiscal agent established by DOE.</li> <li>• Sunsets after 2015.</li> </ul>
Rep. Pallone <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (H. XXXX)	<ul style="list-style-type: none"> <li>• \$6 billion dollar fund financed by a 2 mill per kWh wires charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides federal matching funds for state programs relating to renewable energy resources, affordable and universal access, energy conservation and efficiency, research and development, and disconnection during periods of extreme heat or cold.</li> </ul>	<ul style="list-style-type: none"> <li>• Administered by Joint Board of Federal and State officials established by DOE.</li> </ul>
Rep. Woolsey <i>Comprehensive Renewable Energy &amp; Energy Efficiency Act of 2001</i> (H. 2478)	<ul style="list-style-type: none"> <li>• \$3 billion dollar fund financed by a 1 mill per kWh wires charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Provides federal matching funds for state or Indian tribe programs relating to renewable energy resources, affordable and universal access, energy conservation and efficiency, research and development, and disconnection during periods of extreme heat or cold.</li> </ul>	<ul style="list-style-type: none"> <li>• Administered by Joint Board of Federal and State officials established by DOE.</li> <li>• Sunsets after 2020.</li> </ul>

<b>Net Metering</b>				
<b>Bill</b>	<b>Capacity Limits</b>	<b>Eligible Technologies</b>	<b>Net Excess Generation</b>	<b>Interconnection</b>
Sen. Jeffords <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (S. 1333)	<ul style="list-style-type: none"> <li>• Up to 100kW</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, geothermal, and landfill gas (excluding incinerated MSW)</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month. At the beginning of each calendar year, unused credits expire, without compensation to the customer.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Sen. Bingaman <i>Electric Restructuring Act of 2001</i> (S. XXX)	<ul style="list-style-type: none"> <li>• Up to 10kW for residential</li> <li>• Up to 1000kW for commercial</li> </ul>	<ul style="list-style-type: none"> <li>• Residential: solar and wind</li> <li>• Commercial: solar, wind, biomass, fuel cells, and CHP</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Sen. Cantwell <i>Home Energy Generation Act</i> (S. 1403)	<ul style="list-style-type: none"> <li>• Up to 100kW for residential</li> <li>• Up to 250kW for commercial</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, geothermal, and fuel cells</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month. At the beginning of each calendar year, unused credits can either be sold or carried over without cost.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Rep. Pallone <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (H. XXXX)	<ul style="list-style-type: none"> <li>• Up to 100kW for residential</li> <li>• Up to 250kW for commercial</li> </ul>	<ul style="list-style-type: none"> <li>• Residential: solar and wind</li> <li>• Commercial: solar, wind, biomass, and fuel cells</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month. At the beginning of each calendar year, unused credits expire, without compensation to the customer.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Rep. Inslee <i>Home Energy Generation Act</i> (H. 954)	<ul style="list-style-type: none"> <li>• Up to 100kW</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, geothermal, and fuel cells</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month. At the beginning of each calendar year, unused credits can either be sold or carried over without cost.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Rep. Engel <i>Preserving Our World's Energy and Resources Act of 2001</i> (H. 2184)	<ul style="list-style-type: none"> <li>• Up to 100kW</li> </ul>	<ul style="list-style-type: none"> <li>• Solar, wind, biomass, and fuel cells</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month. At the beginning of each calendar year, unused credits can either be sold or carried over without cost.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>
Rep. Woolsey <i>Comprehensive Renewable Energy &amp; Energy Efficiency Act of 2001</i> (H. 2478)	<ul style="list-style-type: none"> <li>• Up to 100kW for residential</li> <li>• Up to 250kW for commercial</li> </ul>	<ul style="list-style-type: none"> <li>• Residential: solar and wind</li> <li>• Commercial: solar, wind, biomass, geothermal, and fuel cells</li> </ul>	<ul style="list-style-type: none"> <li>• NEG credited to following month.</li> </ul>	<ul style="list-style-type: none"> <li>• Establishes national standardized interconnection and safety standards.</li> </ul>

<b>Tax Credits, Incentives and Other Provisions</b>			
<b>Bill</b>	<b>Provision</b>	<b>Eligibility</b>	<b>Other</b>
Sen. Jeffords <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (S. 1333)	<ul style="list-style-type: none"> <li>▪ Disclosure: Fuel sources and emissions</li> </ul>		
Sen. Bingaman <i>Electric Restructuring Act of 2001</i> (S. XXX)	<ul style="list-style-type: none"> <li>• Disclosure for fuel sources, and instructs DOE to establish certification program for retail electricity suppliers who sell electricity generated 50% or greater from renewable sources.</li> <li>• Provides 10-year extension (through 2013) for REPI program.</li> </ul>	<ul style="list-style-type: none"> <li>▪ REPI eligible resources include wind, biomass, landfill methane, and incremental hydropower.</li> <li>▪ Facilities eligible for REPI program expanded to include those owned by non-profit electric generating cooperatives, municipalities, and Indian tribal governments.</li> </ul>	<ul style="list-style-type: none"> <li>• Allows DOE to provide REPI funds to qualified projects prior to construction.</li> <li>• Incremental hydro facilities limited to no more than 30% of appropriated REPI program funds.</li> </ul>
Sen. Bingaman <i>Energy Security and Tax Incentive Policy Act of 2001</i> (S. 596)	<ul style="list-style-type: none"> <li>▪ Increases PTC for wind and closed-loop biomass to 1.8¢/kWh (1.0 ¢/kWh for coal co-firing) and extends it indefinitely</li> <li>▪ 15% tax credit (up to \$2,000) through 2011 for residential solar and solar water heating expenditures</li> <li>▪ 30% tax credit (up to \$2,000) through 2011 for residential wind expenditures</li> <li>• 20% tax credit (up to \$2,000) through 2011 for residential fuel cell expenditures</li> </ul>	<ul style="list-style-type: none"> <li>• Expands PTC eligibility to solar, open-loop biomass, incremental hydropower, geothermal, landfill gas, animal waste, and co-firing.</li> </ul>	
Sen. Leahy <i>Clean Power Plant and Modernization Act of 2001</i> (S. 1131)	<ul style="list-style-type: none"> <li>• Extend PTC for wind and closed-loop biomass through 2016</li> <li>• Disclosure: emissions</li> </ul>	<ul style="list-style-type: none"> <li>• Expands PTC eligibility to include solar and geothermal.</li> </ul>	
<i>Securing America's Future Energy Act of 2001</i> (H. 4)	<ul style="list-style-type: none"> <li>• 5-year extension (through 2006) of 1.5 ¢/kWh PTC for wind and closed-loop biomass.</li> <li>• Provides 10-year extension (through FY12) for REPI program of 1.5¢/kWh direct payments to renewable energy projects.</li> <li>• 15% tax credit (up to \$2,000) for residential solar and solar water heating expenditures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Expands PTC eligibility to include open-loop biomass and landfill gas.</li> <li>▪ REPI eligible resources include wind, biomass, and landfill methane.</li> <li>▪ REPI eligible facilities expanded to include those owned by non-profit electric generating cooperatives, municipalities, and Indian tribal</li> </ul>	<ul style="list-style-type: none"> <li>▪ Allows DOE to provide REPI funds to qualified projects prior to construction.</li> <li>▪ Tax credit valid through 2006 for solar water heating and 2008 for photovoltaics.</li> </ul>

<b>Tax Credits, Incentives and Other Provisions</b>			
<b>Bill</b>	<b>Provision</b>	<b>Eligibility</b>	<b>Other</b>
		governments.	
Rep. Pallone <i>Renewable Energy and Energy Efficiency Investment Act of 2001</i> (H. XXXX)	<ul style="list-style-type: none"> <li>Disclosure: Fuel sources and emissions</li> </ul>		
Rep. McDermott <i>Residential Solar Energy Act of 2001</i> (H. 1969)	<ul style="list-style-type: none"> <li>25% tax credit to utilities that hold residential solar energy bonds</li> </ul>	<ul style="list-style-type: none"> <li>Photovoltaic cells</li> </ul>	<ul style="list-style-type: none"> <li>Program begins after 2001.</li> <li>Unused credits can be carried over to succeeding years.</li> <li>Credit eligible for bonds issued up to \$24 billion nationally.</li> </ul>
Rep. Nussel <i>Renewable Energy from Agricultural Products Act</i> (H. 2000)	<ul style="list-style-type: none"> <li>Extends PTC for biomass through 2006 and agricultural and animal waste products through 2004.</li> </ul>	<ul style="list-style-type: none"> <li>Closed and open loop biomass (excluding MSW)</li> <li>Agricultural and animal waste products.</li> </ul>	
Rep. Hayworth <i>Residential Solar Energy Tax Credit Act</i> (H. 2076)	<ul style="list-style-type: none"> <li>15% tax credit (up to \$2,000) through 2006 for residential photovoltaic and solar water heating systems.</li> </ul>		
Rep. Matsui <i>Energy Security and Tax Incentive Policy Act of 2001</i> (H. 2108)	<ul style="list-style-type: none"> <li>Increases PTC to 1.8¢/kWh and extends it indefinitely</li> <li>15% tax credit (up to \$2,000) through 2011 for residential solar and solar water heating expenditures</li> <li>30% tax credit (up to \$2,000) through 2011 for residential wind expenditures</li> <li>15% tax credit (up to \$2,000) through 2011 for residential fuel cell expenditures</li> </ul>	<ul style="list-style-type: none"> <li>Expands PTC eligibility to wind, solar, biomass, MSW, incremental hydropower, geothermal, landfill gas, animal waste, and co-firing.</li> </ul>	
Rep. Davis <i>Renewable Energy Act for Credit on Taxes</i> (H. 2179)	<ul style="list-style-type: none"> <li>35% tax credit (up to \$6,000 for residential and \$50,000 for commercial) through 2006 for renewable energy expenditures</li> </ul>	<ul style="list-style-type: none"> <li>Solar, wind, fuel cells</li> </ul>	
Rep. Engel <i>Preserving Our World's Energy and Resources Act of 2001</i> (H. 2184)	<ul style="list-style-type: none"> <li>25% tax credit for investments in renewable energy property.</li> </ul>	<ul style="list-style-type: none"> <li>Solar, wind, geothermal</li> </ul>	<ul style="list-style-type: none"> <li>No sunset</li> </ul>

<b>Tax Credits, Incentives and Other Provisions</b>			
<b>Bill</b>	<b>Provision</b>	<b>Eligibility</b>	<b>Other</b>
Rep. McCarthy <i>Renewable Energy Production Incentive Reform Act</i> (H. 2190)	<ul style="list-style-type: none"> <li>▪ Provides 10-year extension (through 2013) for REPI program of 1.5¢/kWh direct payments to renewable energy projects.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Wind, biomass, landfill methane, and incremental hydropower.</li> <li>▪ Eligible facilities expanded to include those owned by non-profit electric generating cooperatives, municipalities, and Indian tribal governments.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Allows DOE to provide funds to qualified projects prior to construction.</li> <li>▪ Eliminates two-tiered funding system of allocating funds during funding shortfall years.</li> </ul>
Rep. Watts <i>Home and Farm Wind Energy Systems Act of 2001</i> (H. 2322)	<ul style="list-style-type: none"> <li>▪ 30% tax credit for small wind energy systems.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Wind energy systems up to 75 kW</li> <li>▪ At least 50% of the energy must be consumed on site.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Tax credit reduced to 10% after 2011.</li> <li>▪ Unused credits can be carried over to the next tax year.</li> </ul>
Rep. Inslee <i>Clean Energy Incentives Act</i> (H. 2392)	<ul style="list-style-type: none"> <li>• 5-year extension (through 2007) of 1.5 ¢/kWh PTC for wind, closed-loop biomass, and chicken litter.</li> <li>• 1 ¢/kWh tax credit for biomass portion of co-firing with coal and CHP systems.</li> <li>• 15% investment tax credit for residential solar thermal &amp; solar electric systems.</li> <li>• 30% credit for distributive wind generation, up to \$5,000.</li> <li>• \$1000 per kilowatt tax credit for purchasers of all types and sizes of permanently installed stationary fuel cell systems.</li> </ul>	<ul style="list-style-type: none"> <li>• Expands PTC eligibility to include solar, new and existing open loop biomass, hydropower efficiency, incremental geothermal, and landfill gas.</li> </ul>	<ul style="list-style-type: none"> <li>• Allows transfer or offset of credit for public utilities.</li> </ul>
Rep. Oberstar <i>Federal Photovoltaic Utilization Act</i> (H. 2407)	<ul style="list-style-type: none"> <li>▪ Requires 150 MW (peak) from photovoltaics be installed on federal buildings over next five years</li> </ul>		<ul style="list-style-type: none"> <li>▪ Appropriates \$210 million annually from FY02 – FY06 for procurement.</li> </ul>
Rep. Woolsey <i>Comprehensive Renewable Energy &amp; Energy Efficiency Act of 2001</i> (H. 2478)	<ul style="list-style-type: none"> <li>• Increases PTC for wind and closed-loop biomass to 1.8 ¢/kWh.</li> <li>• 1 ¢/kWh tax credit for biomass portion of co-firing with coal and CHP systems.</li> <li>• 30% credit for purchase of photovoltaic, solar panels, small wind, or fuel cell property.</li> <li>• Increased capacity credit for 20% of investment when a facility increase generation at least 10% at renewable energy facilities.</li> <li>• Disclosure for fuel sources, and instructs DOE to establish certification program for retail electricity suppliers who sell electricity generated 50% or greater from renewable sources.</li> </ul>	<ul style="list-style-type: none"> <li>• Expands PTC eligibility to include solar, new and existing open loop biomass, hydropower efficiency, incremental geothermal, and landfill gas.</li> <li>• Expands eligibility of PTC to tax exempt organizations and municipalities.</li> </ul>	<ul style="list-style-type: none"> <li>• PTC program is extended indefinitely.</li> </ul>

<b>Emission Standards</b>			
<b>Bill</b>	<b>Level</b>	<b>Trading Provisions</b>	<b>Other</b>
Reps. Waxman and Boehlert <i>Clean Smokestacks Act of 2001</i> (H. 1256)	<ul style="list-style-type: none"> <li>• NO<sub>x</sub> - 75% reduction from 1997 levels by 2007 (Roughly 1.66 million tons per year).</li> <li>• SO<sub>2</sub> - 75% reduction below full implementation of Phase II of the Acid Rain Program by 2007 (Roughly 2.225 million tons per year).</li> <li>• CO<sub>2</sub> -1990 levels by 2007 (Roughly 1.914 billion tons).</li> <li>• Hg - 90% reduction from 1999 levels by 2007 (Roughly 5 tons).</li> </ul>	<ul style="list-style-type: none"> <li>• EPA may implement caps via trading for NO<sub>x</sub>, SO<sub>2</sub> and CO<sub>2</sub>. No mercury trading.</li> <li>• EPA must prevent localized adverse effects on public health and environment caused by trading.</li> </ul>	<ul style="list-style-type: none"> <li>• Birthday provision: at the plant's 30<sup>th</sup> birthday or 5 yrs from enactment it must meet new source performance standards and new source review.</li> <li>• Calls on EPA and other agencies to work to minimize the cost of bill implementation through the increased use of renewables and efficiency programs.</li> </ul>
Sen. Jeffords <i>Clean Power Act of 2001</i> (S. 556)	<ul style="list-style-type: none"> <li>• NO<sub>x</sub> - 75% reduction from 1997 levels by 2007 (Roughly 1.66 million tons per year).</li> <li>• SO<sub>2</sub> - 75% reduction below full implementation of Phase II of the Acid Rain Program by 2007 (Roughly 2.225 million tons per year).</li> <li>• CO<sub>2</sub> -1990 levels by 2007 (Roughly 1.914 billion tons).</li> <li>• Hg - 90% reduction from 1999 levels by 2007 (Roughly 5 tons).</li> </ul>	<ul style="list-style-type: none"> <li>• EPA may implement caps via trading for NO<sub>x</sub>, SO<sub>2</sub> and CO<sub>2</sub>. No mercury trading.</li> <li>• EPA must prevent localized adverse effects on public health and environment caused by trading.</li> </ul>	<ul style="list-style-type: none"> <li>• Birthday provision: at the plant's 30<sup>th</sup> birthday or 5 yrs from enactment it must meet new source performance standards and new source review.</li> <li>• Calls on EPA and other agencies to work to minimize the cost of bill implementation through the increased use of renewables and efficiency programs.</li> </ul>
Rep. Sweeney <i>Acid Rain Control Act</i> (H. 25)	<ul style="list-style-type: none"> <li>• NO<sub>x</sub> - 70% reduction from 1990 levels by 2007 (roughly 1.99 million tons).</li> <li>• SO<sub>2</sub> - 50% reduction below full implementation of Phase II of the Acid Rain Program by 2007 (roughly 4.45 million tons per year).</li> <li>• Hg - Directs EPA to issue regulations by 2004. No reduction levels or goals are set.</li> </ul>	<ul style="list-style-type: none"> <li>▪ NO<sub>x</sub> and SO<sub>2</sub>.</li> </ul>	<ul style="list-style-type: none"> <li>▪ No birthday provision.</li> <li>▪ Appropriates \$4 million for the study of Acid Rain.</li> </ul>

<b>Emission Standards</b>			
<b>Bill</b>	<b>Level</b>	<b>Trading Provisions</b>	<b>Other</b>
Sen. Schumer <i>Acid Rain Control Act</i> (S. 588)	<ul style="list-style-type: none"> <li>• NO<sub>x</sub> - 70% reduction from 1990 levels by 2007 (roughly 1.99 million tons).</li> <li>• SO<sub>2</sub> - 50% reduction below full implementation of Phase II of the Acid Rain Program by 2007 (roughly 4.45 million tons per year).</li> <li>• Hg - Directs EPA to issue regulations by 2004. No reduction levels or goals are set.</li> </ul>	<ul style="list-style-type: none"> <li>▪ NO<sub>x</sub> and SO<sub>2</sub>.</li> </ul>	<ul style="list-style-type: none"> <li>▪ No birthday provision.</li> <li>▪ Appropriates \$4 million for the study of Acid Rain.</li> </ul>
Rep. Allen <i>Clean Power Plant Act of 2001</i> (H. 1335)	<ul style="list-style-type: none"> <li>• NO<sub>x</sub> - 1.5 pounds/ MW hour cap at each plant by 2005 (roughly 1.6 million tons per year).</li> <li>• SO<sub>2</sub> - 3.0 pounds/ MW hour cap at each plant by 2005 (roughly 3.2 million tons per year).</li> <li>• CO<sub>2</sub> - 1.914 billion tons annual cap by 2005.</li> <li>• Hg - 90% reduction in each plant's flue gas emissions, no baseline given (EPA to promulgate compliance methods).</li> </ul>	<ul style="list-style-type: none"> <li>▪ CO<sub>2</sub> only</li> </ul>	<ul style="list-style-type: none"> <li>▪ No specific birthday provision, but caps apply to each power plant, 15MW or greater. (Except for CO<sub>2</sub>, which applies to facilities 50 MW or greater.)</li> <li>▪ Establishes Hg waste disposal practices.</li> <li>▪ Authorizes \$2billion in worker retraining and community assistance, and \$270 million for carbon sequestration programs.</li> <li>▪ Establishes grants for municipalities that loose funding due to loss of property tax revenue (no price tag or cap).</li> </ul>
Sen. Leahy <i>Clean Power Plant and Modernization Act of 2001</i> (S. 1131)	<p>For facilities required to maintain 45% efficiency:</p> <ul style="list-style-type: none"> <li>• NO<sub>x</sub> – 90% reduction in each plant's flue gas emissions (0.15 pounds/Btu cap).</li> <li>• SO<sub>2</sub> - 95% reduction in each plant's flue gas emissions (0.3 pounds/Btu cap).</li> <li>• CO<sub>2</sub> – 0.9 to 1.55 lbs./kWh range depending on fuel type</li> <li>• Hg - 90% reduction in each plant's fuel, no baseline given (EPA to promulgate compliance methods).</li> </ul> <p>For facilities required to maintain 50% efficiency:</p> <ul style="list-style-type: none"> <li>• NO<sub>x</sub>, SO<sub>2</sub> , Hg – same as above</li> <li>• CO<sub>2</sub> – 0.8 to 1.4 lbs./kWh range depending on fuel type</li> </ul>	<ul style="list-style-type: none"> <li>▪ No trading provisions</li> </ul>	<ul style="list-style-type: none"> <li>▪ No birthday provision</li> <li>▪ S. 1131 also establishes heat rate efficiency standards for fossil-fueled fired generating units.</li> </ul>

