

Allowances Needed by COUs- An Example
(Real \$2004)

Springfield Utility Board (SUB) 764,709 MWhs 2004 Sales plus losses (OPUC Stats)
Emissions per MWh 108 lb -CO2 2004 from WA-CTED
Total Emissions 37,358 Metric Tons per year

Auctioned Allowances 5.0%

2020 percent reduction 17.1%

SUB 2004 retail revenue \$ 37.69 Million

Assuming all load growth is met with cost-effective conservation and renewable generation

Allowance Cost per MT	\$ 5.00	\$ 10.00	\$ 15.00	\$ 20.00	\$ 25.00	\$ 30.00	\$ 35.00
2020 cost of allowances (million\$)	\$ 0.040	\$ 0.079	\$ 0.119	\$ 0.159	\$ 0.198	\$ 0.238	\$ 0.278
% of 2004 Retail Revenue	0.11%	0.21%	0.32%	0.42%	0.53%	0.63%	0.74%

2012-2014 % reduction 1.0%

SUB 2004 retail revenue \$ 37.69 Million

Assuming all load growth is met with cost-effective conservation and renewable generation

Allowance Cost per MT	\$ 5.00	\$ 10.00	\$ 15.00	\$ 20.00	\$ 25.00	\$ 30.00	\$ 35.00
2020 cost of allowances (million\$)	\$ 0.011	\$ 0.022	\$ 0.033	\$ 0.044	\$ 0.056	\$ 0.067	\$ 0.078
% of 2004 Retail Revenue	0.03%	0.06%	0.09%	0.12%	0.15%	0.18%	0.21%