Table 4. Cost Analysis of Cellulose Production

Element	Reference		High Renewables	
	2010	2020	2010	2020
Conversion Rate (gal/ton feedstock)	100	103	110	120
Feedstock (per gallon)	$ 0.18	$ 0.15	$ 0.25	$ 0.18
Operating costs (per gallon)	$ 0.45	$ 0.41	$ 0.37	$ 0.28
Capital costs, including return to capital (per gallon)	$ 0.39	$ 0.37	$ 0.35	$ 0.32
Plant gate price of cellulose ethanol (per gallon)	$ 1.02	$ 0.93	$ 0.97	$ 0.78
Plant gate price of ethanol (per gallon gasoline equiv.)	$ 1.53	$ 1.40	$ 1.46	$ 1.17
Ethanol blenders' tax credit (per gallon gasoline equiv.)	$ 0.60	$ 0.45	$ 0.60	$ 0.45
Effective price of ethanol to blenders (per gallon gasoline equiv.)	$ 0.93	$ 0.95	$ 0.86	$ 0.72
Refinery Gate Price of motor gasoline (per gallon)	$ 0.91	$ 0.96	$ 0.91	$ 0.96

Source: Energy Information Administration, Annual Energy Outlook 2002, runs AEO2002.d102001B, and HIRENEW02.D102301A