

**EV HIGH-DEMAND DRAW CHARGING RATES
ANNUAL REVENUE COMPARISON**

1	Maximum Charging Load (kW)		120	120	120	120	120	120	120
2	Load Factor (%)		3%	5%	7%	10%	15%	20%	30%
3	Total EV Charging (kWh)		31,536	52,560	73,584	105,120	157,680	210,240	315,360
4									
5									
6	<u>Rate GV</u>								
7	Customer Charge	\$	211	\$ 211	\$ 211	\$ 211	\$ 211	\$ 211	\$ 211
8	Distribution Demand Charge (Avg. \$/kW)	\$	6.770	\$ 6.770	\$ 6.770	\$ 6.770	\$ 6.770	\$ 6.770	\$ 6.770
9	Transmission Demand Charge (\$/kW)	\$	10.400	\$ 10.400	\$ 10.400	\$ 10.400	\$ 10.400	\$ 10.400	\$ 10.400
10	SCRC Demand (\$/kW)	\$	0.650	\$ 0.650	\$ 0.650	\$ 0.650	\$ 0.650	\$ 0.650	\$ 0.650
11	Distribution Energy Charge (Avg. \$/kWh)	\$	0.006	\$ 0.006	\$ 0.006	\$ 0.006	\$ 0.006	\$ 0.006	\$ 0.006
12	Other Energy Charge (\$/kWh)	\$	0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014
13	Energy Service Charge (\$/kWh)	\$	0.060	\$ 0.060	\$ 0.060	\$ 0.060	\$ 0.060	\$ 0.060	\$ 0.060
14									
15									
16	Non-Bypassable Revenue	\$	28,825	\$ 29,247	\$ 29,669	\$ 30,301	\$ 31,355	\$ 32,409	\$ 34,517
17	Generation Revenue	\$	1,900	\$ 3,167	\$ 4,433	\$ 6,333	\$ 9,500	\$ 12,667	\$ 19,000
18	Total Revenue	\$	30,725	\$ 32,414	\$ 34,102	\$ 36,634	\$ 40,855	\$ 45,076	\$ 53,518
19	<u>Eversource Demand Charge Alternative (DE 21-078)</u>								
20	Distribution Alternative (\$/kWh)	\$	0.1298	\$ 0.1298	\$ 0.1298	\$ 0.1298	\$ 0.1298	\$ 0.1298	\$ 0.1298
21	Transmission Alternative (\$/kWh)	\$	0.1455	\$ 0.1455	\$ 0.1455	\$ 0.1455	\$ 0.1455	\$ 0.1455	\$ 0.1455
22	SBC Alternative (\$/kWh)	\$	0.0091	\$ 0.0091	\$ 0.0091	\$ 0.0091	\$ 0.0091	\$ 0.0091	\$ 0.0091
23	Other Energy Charge (\$/kWh)	\$	0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014	\$ 0.014
24									
25									
26	Non-Bypassable Revenue	\$	11,937	\$ 18,207	\$ 24,477	\$ 33,882	\$ 49,557	\$ 65,232	\$ 96,582
27	Generation Revenue	\$	1,900	\$ 3,167	\$ 4,433	\$ 6,333	\$ 9,500	\$ 12,667	\$ 19,000
28	Total Revenue	\$	13,837	\$ 21,374	\$ 28,910	\$ 40,215	\$ 59,057	\$ 77,899	\$ 115,582
29	<u>DOE Illustrative High-Demand Draw Rate (\$/kWh)¹</u>								
30									
31	Summer Peak								
32		Transmission	0.106	0.106	0.106	0.106	0.106	0.106	0.106
33		Distribution	0.031	0.031	0.031	0.031	0.031	0.031	0.031
34		Other	0.016	0.016	0.016	0.016	0.016	0.016	0.016
35		Generation	0.158	0.158	0.158	0.158	0.158	0.158	0.158
36	Winter Peak								
37		Transmission	0.093	0.093	0.093	0.093	0.093	0.093	0.093
38		Distribution	0.024	0.024	0.024	0.024	0.024	0.024	0.024
39		Other	0.016	0.016	0.016	0.016	0.016	0.016	0.016
40		Generation	0.057	0.057	0.057	0.057	0.057	0.057	0.057
41									
42	Annual Average Peak								
43		Transmission	0.098	0.098	0.098	0.098	0.098	0.098	0.098
44		Distribution	0.027	0.027	0.027	0.027	0.027	0.027	0.027
45		Other	0.016	0.016	0.016	0.016	0.016	0.016	0.016
46		Generation	0.099	0.099	0.099	0.099	0.099	0.099	0.099
47									
48		Non-Bypassable Revenue	\$ 4,457	\$ 7,428	\$ 10,400	\$ 14,857	\$ 22,285	\$ 29,714	\$ 44,571
49		Generation Revenue	\$ 3,125	\$ 5,208	\$ 7,291	\$ 10,416	\$ 15,623	\$ 20,831	\$ 31,247
50		Total Revenue	\$ 7,582	\$ 12,636	\$ 17,691	\$ 25,273	\$ 37,909	\$ 50,545	\$ 75,818
51									
52	Maximum DOE proposed revenue / Estimated Eversource Alternative Revenue (Non-Bypassable)		37%	41%	42%	44%	45%	46%	46%
53									
54									

55 1. Maximum revenue estimated based on proposed peak rates; actual revenue would likely be lower