

Table A-3. State Benefits from New Efficiency Standards for Distribution Transformers

State	Energy		Economic			Environmental			
	Annual Energy Savings – GWh (2030)	Summer Peak Electric System Capacity Reduction – MW (2030)	Nominal Value of Energy Savings – \$Million (2030)	Net Present Value – \$Million (2030)	Benefit-Cost Ratio	Carbon – 1000 MT (2030)	N0x – MT (2030)	SO ₂ – MT (2030)	PM10 – MT (2030)
AL	338	47	17	100	3.5	60	195	1,225	7
AK	44	6	4	13	3.5	5	36	40	2
AZ	357	49	21	107	3.5	54	14	436	2
AR	182	25	9	53	3.3	33	30	395	4
CA	1,457	201	122	365	2.7	363	272	1,020	60
CO	314	43	17	93	3.5	48	12	383	2
CT	242	33	20	71	3.4	53	225	293	10
DE	59	8	3	18	3.5	12	54	141	2
DC	88	12	6	29	4.4	18	80	209	3
FL	1,217	168	73	365	3.5	201	260	2,720	27
GA	592	82	31	178	3.5	106	342	2,148	13
HI	71	10	9	20	3.2	18	20	61	2
ID	101	14	4	31	3.7	20	29	82	4
IL	857	118	49	251	3.4	180	566	2,960	32
IN	427	59	20	124	3.3	81	490	1,735	13
IA	201	28	10	57	3.2	47	72	523	11
KS	210	29	11	63	3.5	38	34	457	4
KY	284	39	11	83	3.3	54	326	1,153	9
LA	327	45	22	97	3.5	59	54	710	7
ME	87	12	7	25	3.2	19	81	105	3
MD	418	58	24	127	3.6	86	381	997	16
MA	306	42	29	77	2.7	67	284	371	12
MI	709	98	42	208	3.4	135	813	2,878	21
MN	239	33	11	61	2.7	56	86	623	13
MS	205	28	11	61	3.5	37	118	744	4
MO	435	60	21	130	3.5	78	71	944	9
MT	65	9	4	19	3.3	13	19	53	2
NE	128	18	6	38	3.4	30	46	335	7
NV	123	17	8	36	3.4	24	35	99	5
NH	81	11	8	23	3.3	18	75	99	3
NJ	602	83	52	179	3.5	124	548	1,435	23
NM	121	17	8	36	3.4	18	5	148	1
NY	922	127	51	236	2.7	127	873	2,506	35
NC	609	84	33	183	3.5	108	351	2,207	13
ND	48	7	3	14	3.4	11	17	126	3
OH	828	114	47	242	3.3	158	949	3,362	25
OK	251	35	13	74	3.4	45	41	544	5
OR	266	37	13	80	3.5	52	76	216	10
PA	767	106	49	213	3.1	158	698	1,829	29
RI	68	9	7	19	3.2	15	63	82	3
SC	295	41	15	88	3.5	53	170	1,069	6
SD	51	7	3	15	3.3	12	18	134	3
TN	442	61	23	133	3.5	79	255	1,602	10
TX	1,450	200	91	433	3.5	274	476	2,315	30
UT	134	18	6	40	3.5	26	38	108	5
VT	43	6	4	12	3.3	9	40	52	2
VA	514	71	25	152	3.4	92	297	1,866	11
WA	438	60	23	130	3.4	86	126	355	17
WV	138	19	6	40	3.3	26	158	559	4
WI	375	52	19	109	3.3	79	248	1,296	14
WY	42	6	2	13	3.6	6	2	51	0
U.S. Total	18,568	2,562	1,125	5,363	3.3	3,570	10,567	45,798	561

Note: As noted in the body of this report, savings estimates for transformers are very conservative and ultimate savings from a standard at the levels we recommend are likely to be somewhat higher than the values shown here.