REP COMMUNITY BENEFITS - ENERGY - RESIDENTIAL - 2020

	Single Family Residential Units (SFR)																			Multi-Family Residential Units (MFR)																			Total					
	% of SFR	% of MFR	# of SFR Impacted	# of MFR Impacted	Baseline SFR kWh/unit	Baseline SFR Therms/unit	Baseline SFR kWh	Baseline SFR Therms	Mitigated SFR kWh/unit	Mitigated SFR Therms/unit	Mitigated SFR kWh	Mitigated SFR Therms	SFR kWh Reduced/unit	SFR Therms Reduced/unit	SFR kWh Reduced	SFR Therms Reduced	SFR Dollars Saved/unit	SFR Dollars Saved	SFR Cost/unit	SFR Cost	SFR GHG Reduced	Baseline MFR kWh/unit	Baseline MFR Therms/unit	Baseline MFR kWh	Baseline MFR Therms	Mitigated MFR kWh/unit	Mitigated MFR Therms/unit	Mitigated MFR kWh	Mitigated MFR Therms	MFR kWhReduce/unit	MFR Therms Reduced/unit	MFR kWh Reduced	MFR Therms Reduced	MFR Dollars Saved/unit	MFR Dollars Saved	MFR Cost/unit	MFR Cost	MFR GHG Reduced	Total Res kWh Reduced	Total Res Therms Reduced	Total Res Dollars Saved	Total Res Private Cost	Total Res GHG Reduced	Cost per MT Reduced
ENERGY EFFICIENCY UPGRADES IN EXISTING RESIDENTIAL BUILDINGS (HIGH VMT AREAS)																																										
Financial Mechanisms																																										
Residential PACE Energy Efficiency Financing	5.0%	5.0%	414	4	7,287	452	3,016,681	187,162	6,072	236	2,513,677	97,756	1,215	216	503,004	89,406	$ 509	$ 210,687	$ 2,573	$ 1,064,983	540	3,646	189	16,232	842	3,027	107	13,476	478	619	82	2,757	363	$ 214	$ 952	$ 1,391	$ 6,193	2	505,761	89,770	$ 211,639	$ 1,071,176	543	$ (258)
Property Tax Exemption	0.0%	2.0%	-	2	7,287	452	-	-	6,072	236	-	-	1,215	216	-	-	$ 509	$ -	$ 2,573	$ -	0	3,646	189	6,493	337	3,027	107	5,390	191	619	82	1,103	145	$ 214	$ 381	$ 1,391	$ 2,477	1	1,103	145	$ 381	$ 2,477	1	$ (235)
Direct Assistance																																										
Low-Income Weatherization Program	5.6%		464	-	7,287	452	3,378,683	209,622	6,710	392	3,110,982	181,842	577	60	267,701	27,780	$ 201	$ 93,316	$ 300	$ 139,100	183	3,646	189	-	-	3,353	147	-	-	292	42	-	-	$ 104	$ -	$ 130	$ -	-	267,701	27,780	$ 93,316	$ 139,100	183	$ (460)
Mobile home replacement Program	1.0%		83	-	4,643	474	384,429	39,246	3,250.10	331.80	269,100	27,472	1,393	142	115,329	11,774	$ 483	$ 40,017	$ 15,000	$ 1,241,963	78	3,646	189	-	-	3,353	147	-	-	292	42	-	-	$ 104	$ -	$ 130	$ -	-	115,329	11,774	$ 40,017	$ 1,241,963	78	$ 551
Outreach and Education																																										
ENERGY STAR Appliance Campaign	5.0%	5.0%	414	4	7,287	452	3,016,681	187,162	6,631	438	2,745,205	181,285	656	14	271,476	5,877	$ 177	$ 73,452	$ 450	$ 186,294	67	3,646	189	16,232	842	3,328	184	14,819	820	317	5	1,413	21	$ 74	$ 331	$ 449	$ 1,997	0	272,890	5,899	$ 73,784	$ 188,291	67	$ (911)
Indoor Lighting Retrofit Campaign	15.0%	10.0%	1,242	9	7,287	452	9,050,044	561,487	6,607	452	8,205,257	561,487	680	-	844,787	-	$ 170	$ 211,197	$ 390	$ 484,365	111	3,646	189	32,465	1,683	3,335	189	29,694	1,683	311	-	2,771	-	$ 68	$ 610	$ 169	$ 1,505	0	847,558	-	$ 211,806	$ 485,870	111	$ (1,609)
Regulations																																										
Point of Sale or Lease Energy Efficiency Rating Requirement	2.0%	0.0%	166	-	7,287	452	1,206,673	74,865	6,072	236	1,005,471	39,103	1,215	216	201,202	35,762	$ 509	$ 84,275	$ 2,573	$ 425,993	216	3,646	189	-	-	3,027	107	-	-	619	82	-	-	$ 214	$ -	$ 1,391	$ -	-	201,202	35,762	$ 84,275	$ 425,993	216	$ (258)
ENERGY PERFORMANCE IN NEW RESIDENTIAL BUILDINGS (HIGH VMT AREAS)																																										
Regulations																																										
Passive Solar Orientation Requirement	80%	80%	5,958	461	7,287	452	43,412,375	2,693,413	7,024	438	41,844,410	2,611,761	263	14	1,567,966	81,652	$ 79	$ 469,561	100	$ 595,760	639																		1,567,966	81,652	$ 469,561	$ 595,760	639	$ (672)
ENERGY EFFICIENCY UPGRADES IN EXISTING RESIDENTIAL BUILDINGS (MEDIUM VMT AREAS)																																										
Financial Mechanisms																																										
Residential PACE Energy Efficiency Financing	5.0%	5.0%	124	22	0 7,287	452	904,043	56,089	6,072	236	753,302	29,296	1,215	216	150,741	26,793	$ 509	$ 63,139	$ 2,573	$ 319,155	162	0 3,646	189	80,095	4,153	3,027	107	66,492	2,360	619	82	13,603	1,793	$ 214	$ 4,696	$ 1,391	$ 30,560	11	0 164,344	28,587	$ 67,835	$ 349,716	173	$ (257)
Property Tax Exemption	0.0%	2.0%	-	9	0 7,287	452	-	-	6,072	236	-	-	1,215	216	-	-	$ 509	$ -	$ 2,573	$ -	0	0 3,646	189	32,038	1,661	3,027	107	26,597	944	619	82	5,441	717	$ 214	$ 1,879	$ 1,391	$ 12,224	5	0 5,441	717	$ 1,879	$ 12,224	5	$ (235)
Direct Assistance																																										
Low-Income Weatherization Program	5.6%	0.0%	139	-	0 7,287	452	1,012,528	62,820	6,710	392	932,303	54,495	577	60	80,225	8,325	$ 201	$ 27,965	$ 300	$ 41,686	55	0 3,646	189	-	-	3,353	147	-	-	292	42	-	-	$ 104	$ -	$ 130	$ -	-	0 80,225	8,325	$ 27,965	$ 41,686	55	$ (460)
Mobile home replacement Program	0.0%	0.0%	-	-	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	0	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	-	0 -	-	$ -	$ -	0	$ -
Outreach and Education																																										
ENERGY STAR Appliance Campaign	5.0%	5.0%	124	22	0 7,287	452	904,043	56,089	6,631	438	822,686	54,328	656	14	81,356	1,761	$ 177	$ 22,012	$ 450	$ 55,829	20	0 3,646	189	80,095	4,153	3,328	184	73,121	4,048	317	5	6,974	106	$ 74	$ 1,635	$ 449	$ 9,854	1	0 88,331	1,867	$ 23,647	$ 65,682	22	$ (895)
Indoor Lighting Retrofit Campaign	15.0%	10.0%	372	44	0 7,287	452	2,712,128	168,267	6,607	452	2,458,962	168,267	680	-	253,167	-	$ 170	$ 63,292	$ 390	$ 145,155	33	0 3,646	189	160,191	8,306	3,335	189	146,518	8,306	311	-	13,673	-	$ 68	$ 3,008	$ 169	$ 7,426	2	0 266,840	-	$ 66,300	$ 152,581	35	$ (1,599)
Regulations																																										
Point of Sale or Lease Energy Efficiency Rating Requirement	2.0%	0.0%	50	-	0 7,287	452	361,617	22,436	6,072	236	301,321	11,718	1,215	216	60,296	10,717	$ 509	$ 25,256	$ 2,573	$ 127,662	65	0 3,646	189	-	-	3,027	107	-	-	619	82	-	-	$ 214	$ -	$ 1,391	$ -	-	0 60,296	10,717	$ 25,256	$ 127,662	65	$ (258)
ENERGY PERFORMANCE IN NEW RESIDENTIAL BUILDINGS (MEDIUM V																																										
Regulations																																										
Passive Solar Orientation Requirement	80%	80%	874	223	0 7,287	452	6,371,657	395,314	7,024	438	6,141,525	383,329	263	14	230,131	11,984	$ 79	$ 68,918	100	$ 87,440	94	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	-	0 230,131	11,984	$ 68,918	$ 87,440	94	$ (672)
ENERGY EFFICIENCY UPGRADES IN EXISTING RESIDENTIAL BUILDINGS (LOW VMT AREAS)																																										
Financial Mechanisms																																										
Residential PACE Energy Efficiency Financing	5.0%	5.0%	263	81	0 7,287	452	1,914,448	118,777	6,072	236	1,595,231	62,038	1,215	216	319,217	56,739	$ 509	$ 133,706	$ 2,573	$ 675,860	343	0 3,646	189	294,343	15,262	3,027	107	244,353	8,672	619	82	49,990	6,591	$ 214	$ 17,259	$ 1,391	$ 112,306	42	0 369,207	63,330	$ 150,965	$ 788,166	385	$ (256)
Property Tax Exemption	0.0%	2.0%	-	32	0 7,287	452	-	-	6,072	236	-	-	1,215	216	-	-	$ 509	$ -	$ 2,573	$ -	0	0 3,646	189	117,737	6,105	3,027	107	97,741	3,469	619	82	19,996	2,636	$ 214	$ 6,904	$ 1,391	$ 44,922	17	0 19,996	2,636	$ 6,904	$ 44,922	17	$ (235)
Direct Assistance																																										
Low-Income Weatherization Program	5.6%	0.0%	294	-	0 7,287	452	2,144,182	133,030	6,710	392	1,974,293	115,401	577	60	169,889	17,630	$ 201	$ 59,220	$ 300	$ 88,276	116	0 3,646	189	-	-	3,353	147	-	-	292	42	-	-	$ 104	$ -	$ 130	$ -	-	0 169,889	17,630	$ 59,220	$ 88,276	116	$ (460)
Mobile home replacement Program	0.0%	0.0%	-	-	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	0	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	-	0 -	-	$ -	$ -	0	$ -
Outreach and Education																																										
ENERGY STAR Appliance Campaign	5.0%	5.0%	263	81	0 7,287	452	1,914,448	118,777	6,631	438	1,742,164	115,047	656	14	172,285	3,730	$ 177	$ 46,614	$ 450	$ 118,226	42	0 3,646	189	294,343	15,262	3,328	184	268,713	14,874	317	5	25,630	388	$ 74	$ 6,008	$ 449	$ 36,211	5	0 197,915	4,118	$ 52,622	$ 154,437	48	$ (884)
Indoor Lighting Retrofit Campaign	15.0%	10.0%	788	161	0 7,287	452	5,743,344	356,332	6,607	452	5,207,225	356,332	680	-	536,119	-	$ 170	$ 134,030	$ 390	$ 307,388	71	0 3,646	189	588,685	30,525	3,335	189	538,439	30,525	311	-	50,247	-	$ 68	$ 11,054	$ 169	$ 27,289	7	0 586,366	-	$ 145,084	$ 334,678	77	$ (1,592)
Regulations																																										
Point of Sale or Lease Energy Efficiency Rating Requirement	2.0%	0.0%	105	-	0 7,287	452	765,779	47,511	6,072	236	638,093	24,815	1,215	216	127,687	22,696	$ 509	$ 53,482	$ 2,573	$ 270,344	137	0 3,646	189	-	-	3,027	107	-	-	619	82	-	-	$ 214	$ -	$ 1,391	$ -	-	0 127,687	22,696	$ 53,482	$ 270,344	137	$ (258)
ENERGY PERFORMANCE IN NEW RESIDENTIAL BUILDINGS (MEDIUM V																																										
Regulations																																										
Passive Solar Orientation Requirement	80%	80%	430	462	0 7,287	452	3,136,277	194,583	7,024	438	3,023,002	188,684	263	14	113,276	5,899	$ 79	$ 33,923	100	$ 43,040	46	0 -	-	-	-	-	-	-	-	-	-	-	-	$ -	$ -	$ -	$ -	-	0 113,276	5,899	$ 33,923	$ 43,040	46	$ (672)