

Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
510	All	Heat Pump	HVAC	Furnace Blower Motor	Brushless permanent magnet (BPM) blower motor	non-BPM blower motor	New Construction	11.80	#N/A	Yes	2%	100%	100%	IL TRM
511	All	Gas Heat (No AC)	HVAC	Furnace Blower Motor	Brushless permanent magnet (BPM) blower motor	non-BPM blower motor	Time of Sale	7.95	#N/A	Yes	25%	100%	100%	IL TRM
512	All	Gas Heat (No AC)	HVAC	Furnace Blower Motor	Brushless permanent magnet (BPM) blower motor	non-BPM blower motor	New Construction	7.95	#N/A	Yes	25%	100%	100%	IL TRM
513	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.57	No	No	5%	100%	64%	IL TRM
514	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.58	No	Yes	0%	100%	64%	IL TRM
515	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.53	No	Yes	5%	100%	64%	IL TRM
516	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.54	No	Yes	0%	100%	64%	IL TRM
517	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Federal standard central AC, electric resistance heating	Time of Sale	3.51	No	No	4%	100%	64%	IL TRM

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518	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Federal standard central AC, electric resistance heating	Time of Sale	3.62	No	Yes	1%	100%	64%	IL TRM
519	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Federal standard central AC, electric resistance heating	New Construction	3.66	No	Yes	4%	100%	64%	IL TRM
520	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Federal standard central AC, electric resistance heating	New Construction	3.80	No	Yes	1%	100%	64%	IL TRM
521	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Existing air source heat pump	Early Replacement	0.75	No	No	5%	100%	64%	IL TRM
522	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Existing air source heat pump	Early Replacement	0.76	No	Yes	0%	100%	64%	IL TRM
523	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Existing AC, electric heating	Early Replacement	1.18	No	No	4%	100%	64%	IL TRM
524	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR DGX	Existing AC, electric heating	Early Replacement	1.27	No	Yes	1%	100%	64%	IL TRM
525	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.44	No	No	5%	100%	64%	IL TRM

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526	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.44	No	Yes	0%	100%	64%	IL TRM
527	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.57	No	Yes	5%	100%	64%	IL TRM
528	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.58	No	Yes	0%	100%	64%	IL TRM
529	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.56	No	No	4%	100%	64%	IL TRM
530	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.69	No	Yes	1%	100%	64%	IL TRM
531	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Federal standard central AC, electric resistance heating	New Construction	3.51	No	Yes	4%	100%	64%	IL TRM
532	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Federal standard central AC, electric resistance heating	New Construction	3.62	No	Yes	1%	100%	64%	IL TRM

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533	All	Electric Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Time of Sale	1.82	#N/A	Yes	6%	74%	100%	IL TRM
534	SingleFamily & Duplex	Electric Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Retrofit	1.82	#N/A	No	2%	82%	100%	IL TRM
535	Multifamily	Electric Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Retrofit	1.82	#N/A	No	13%	59%	100%	IL TRM
536	All	Electric Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	New Construction	1.82	#N/A	Yes	6%	74%	100%	IL TRM
537	All	Gas Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Time of Sale	1.82	#N/A	Yes	94%	74%	100%	IL TRM

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538	SingleFamily & Duplex	Gas Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Retrofit	1.82	#N/A	No	98%	82%	100%	IL TRM
539	Multifamily	Gas Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	Retrofit	1.82	#N/A	No	87%	59%	100%	IL TRM
540	All	Gas Heating	HVAC	High Efficiency Bathroom Exhaust Fan	Continuous operation - 8.3 CFM/watt exhaust-only ventilation fan	3.1 CFM/watt exhaust-only ventilation fan	New Construction	1.82	#N/A	Yes	94%	74%	100%	IL TRM
541	SingleFamily & Duplex	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	5.17	Yes	No	2%	100%	47%	IL TRM
542	Multifamily	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	3.33	Yes	Yes	13%	100%	35%	IL TRM
543	SingleFamily & Duplex	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	5.17	Yes	No	2%	100%	47%	IL TRM
544	Multifamily	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	3.33	Yes	No	13%	100%	35%	IL TRM

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545	SingleFamily & Duplex	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	2.44	#N/A	No	98%	100%	47%	IL TRM
546	Multifamily	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	1.59	#N/A	No	87%	100%	35%	IL TRM
547	SingleFamily & Duplex	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	2.44	#N/A	No	98%	100%	47%	IL TRM
548	Multifamily	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	1.59	#N/A	No	87%	100%	35%	IL TRM
549	SingleFamily & Duplex	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	5.17	#N/A	No	2%	100%	47%	IL TRM
550	Multifamily	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	3.33	#N/A	Yes	13%	100%	35%	IL TRM
551	SingleFamily & Duplex	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	9.24	#N/A	No	2%	100%	47%	IL TRM
552	Multifamily	Electric Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	5.95	#N/A	Yes	13%	100%	35%	IL TRM

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553	SingleFamily & Duplex	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	3.04	#N/A	No	0%	100%	47%	IL TRM
554	Multifamily	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	New Construction	1.96	#N/A	No	5%	100%	35%	IL TRM
555	SingleFamily & Duplex	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	3.04	#N/A	No	0%	100%	47%	IL TRM
556	Multifamily	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Retrofit	1.96	#N/A	No	5%	100%	35%	IL TRM
557	SingleFamily & Duplex	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	2.63	#N/A	Yes	98%	100%	47%	IL TRM
558	Multifamily	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	1.70	#N/A	Yes	87%	100%	35%	IL TRM
559	SingleFamily & Duplex	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	2.44	#N/A	No	98%	100%	47%	IL TRM
560	Multifamily	Gas Heating	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	1.59	#N/A	Yes	87%	100%	35%	IL TRM

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561	SingleFamily &Duplex	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	5.43	#N/A	No	0%	100%	47%	IL TRM
562	Multifamily	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Direct Install	3.50	#N/A	Yes	5%	100%	35%	IL TRM
563	SingleFamily &Duplex	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	3.04	#N/A	No	0%	100%	47%	IL TRM
564	Multifamily	Heat Pump	HVAC	Programmable Thermostats	Programmable Thermostats	Non-Programmable Thermostat	Time of Sale	1.96	#N/A	No	5%	100%	35%	IL TRM
565	SingleFamily &Duplex	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	1.44	Yes	Yes	2%	100%	99%	IL TRM
566	Multifamily	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	0.93	No	No	13%	100%	99%	IL TRM
567	SingleFamily &Duplex	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	1.44	No	Yes	2%	100%	99%	IL TRM
568	Multifamily	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	0.93	No	Yes	13%	100%	99%	IL TRM

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569	SingleFamily &Duplex	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	0.68	#N/A	Yes	98%	100%	99%	IL TRM
570	Multifamily	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	0.44	#N/A	No	87%	100%	99%	IL TRM
571	SingleFamily &Duplex	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	0.68	#N/A	Yes	98%	100%	99%	IL TRM
572	Multifamily	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	0.44	#N/A	Yes	87%	100%	99%	IL TRM
573	SingleFamily &Duplex	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	1.44	#N/A	Yes	2%	100%	99%	IL TRM
574	Multifamily	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	0.93	#N/A	Yes	13%	100%	99%	IL TRM
575	SingleFamily &Duplex	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	2.57	#N/A	Yes	2%	100%	99%	IL TRM
576	Multifamily	Electric Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	1.66	#N/A	Yes	13%	100%	99%	IL TRM

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577	SingleFamily &Duplex	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	0.85	#N/A	Yes	0%	100%	99%	IL TRM
578	Multifamily	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	New Construction	0.55	#N/A	Yes	5%	100%	99%	IL TRM
579	SingleFamily &Duplex	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	0.85	#N/A	Yes	0%	100%	99%	IL TRM
580	Multifamily	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Retrofit	0.55	#N/A	No	5%	100%	99%	IL TRM
581	SingleFamily &Duplex	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	1.22	#N/A	Yes	98%	100%	99%	IL TRM
582	Multifamily	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	0.44	#N/A	No	87%	100%	99%	IL TRM
583	SingleFamily &Duplex	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	0.68	#N/A	Yes	98%	100%	99%	IL TRM
584	Multifamily	Gas Heating	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	0.44	#N/A	Yes	87%	100%	99%	IL TRM

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585	SingleFamily &Duplex	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	1.51	#N/A	Yes	0%	100%	99%	IL TRM
586	Multifamily	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Direct Install	0.98	#N/A	Yes	5%	100%	99%	IL TRM
587	SingleFamily &Duplex	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	0.85	#N/A	Yes	0%	100%	99%	IL TRM
588	Multifamily	Heat Pump	HVAC	Smart Wifi Thermostats	Smart Wifi Thermostats	Non-Programmable Thermostat	Time of Sale	0.55	#N/A	Yes	5%	100%	99%	IL TRM
589	SingleFamily &Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	7.70	No	Yes	98%	100%	100%	IL TRM
590	SingleFamily &Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	7.26	No	Yes	2%	100%	100%	IL TRM

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591	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	7.72	No	Yes	87%	100%	100%	IL TRM
592	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	7.24	No	Yes	13%	100%	100%	IL TRM
593	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.85	No	Yes	94%	100%	88%	IL TRM
594	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.39	No	Yes	6%	100%	88%	IL TRM
595	All	Gas Heating	Lighting	Efficient light bulbs	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.85	#N/A	Yes	94%	100%	88%	IL TRM

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596	All	Electric Heating	Lighting	Efficient light bulbs	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.39	#N/A	Yes	6%	100%	88%	IL TRM
597	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps - OM	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.85	#N/A	Yes	94%	100%	88%	IL TRM
598	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps - OM	12.32 W LED installed in year 2020 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	7.39	#N/A	Yes	6%	100%	88%	IL TRM
599	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	6.17	No	Yes	98%	100%	100%	IL TRM
600	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	5.82	No	Yes	2%	100%	100%	IL TRM

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601	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	6.19	No	Yes	87%	100%	100%	IL TRM
602	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	5.80	No	Yes	13%	100%	100%	IL TRM
603	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	6.29	No	No	94%	100%	88%	IL TRM
604	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2021 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	5.92	No	No	6%	100%	88%	IL TRM
605	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	5.15	No	Yes	98%	100%	100%	IL TRM

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606	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	4.85	No	Yes	2%	100%	100%	IL TRM
607	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	5.16	No	Yes	87%	100%	100%	IL TRM
608	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Direct Install	4.84	No	Yes	13%	100%	100%	IL TRM
609	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	5.25	No	No	94%	100%	88%	IL TRM
610	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2022 representing bulbs less than 1050 lumens	15W Post-2020 EISA compliant lamp	Time of Sale	4.94	No	No	6%	100%	88%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
611	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Direct Install	11.52	No	Yes	98%	100%	100%	IL TRM
612	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Direct Install	10.86	No	Yes	2%	100%	100%	IL TRM
613	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Direct Install	11.54	No	Yes	87%	100%	100%	IL TRM
614	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Direct Install	10.83	No	Yes	13%	100%	100%	IL TRM
615	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Time of Sale	11.75	No	Yes	94%	100%	88%	IL TRM
616	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2020	28.2W Post-2020 EISA compliant lamp	Time of Sale	11.06	No	Yes	6%	100%	88%	IL TRM
617	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Direct Install	9.23	No	Yes	98%	100%	100%	IL TRM
618	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Direct Install	8.70	No	Yes	2%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
619	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Direct Install	9.25	No	Yes	87%	100%	100%	IL TRM
620	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Direct Install	8.67	No	Yes	13%	100%	100%	IL TRM
621	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Time of Sale	9.41	No	No	94%	100%	88%	IL TRM
622	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2021	28.2W Post-2020 EISA compliant lamp	Time of Sale	8.86	No	No	6%	100%	88%	IL TRM
623	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Direct Install	7.70	No	Yes	98%	100%	100%	IL TRM
624	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Direct Install	7.26	No	Yes	2%	100%	100%	IL TRM
625	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Direct Install	7.71	No	Yes	87%	100%	100%	IL TRM
626	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Direct Install	7.24	No	Yes	13%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
627	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Time of Sale	7.85	No	No	94%	100%	88%	IL TRM
628	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2022	28.2W Post-2020 EISA compliant lamp	Time of Sale	7.39	No	No	6%	100%	88%	IL TRM
631	Multifamily	Gas Heating	Lighting	High Performance and Reduced Wattage T8 Fixtures and Lamps	High Performance T8/T5, Reduced Wattage T8/T5, and T8/T5 Fixtures and Lamps	2-Lamp 32W HPT8 with Low-BF Ballast	Time of Sale	1.32	#N/A	No	87%	62%	100%	IL TRM
632	Multifamily	Electric Heating	Lighting	High Performance and Reduced Wattage T8 Fixtures and Lamps	High Performance T8/T5, Reduced Wattage T8/T5, and T8/T5 Fixtures and Lamps	2-Lamp 32W HPT8 with Low-BF Ballast	Time of Sale	1.19	#N/A	No	13%	62%	100%	IL TRM
633	All	Gas Heating	Lighting	LED Downlights	14 W LED	35W Incandescent/Halogen MR16/PAR 16 pin-based lamps	Time of Sale	130.76	Yes	Yes	94%	6%	88%	IL TRM
634	All	Gas Heating	Lighting	LED Downlights	14 W LED	35W Incandescent/Halogen MR16/PAR 16 pin-based lamps	New Construction	130.76	Yes	Yes	94%	2%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
635	All	Electric Heating	Lighting	LED Downlights	14 W LED	35W Incandescent/Halogen MR16/PAR 16 pin-based lamps	Time of Sale	123.13	Yes	Yes	6%	6%	88%	IL TRM
636	All	Electric Heating	Lighting	LED Downlights	14 W LED	35W Incandescent/Halogen MR16/PAR 16 pin-based lamps	New Construction	123.13	Yes	Yes	6%	2%	100%	IL TRM
637	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	1.12	No	Yes	98%	100%	100%	IL TRM
638	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	1.05	No	Yes	2%	100%	100%	IL TRM
639	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	1.12	No	Yes	87%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
640	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	1.05	No	Yes	13%	43%	100%	IL TRM
641	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	43.80	No	No	94%	100%	90%	IL TRM
642	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	41.26	No	No	6%	100%	53%	IL TRM
643	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.66	Yes	Yes	98%	100%	100%	IL TRM
644	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.62	Yes	Yes	2%	100%	100%	IL TRM

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645	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.66	Yes	Yes	87%	100%	100%	IL TRM
646	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.62	Yes	Yes	13%	100%	100%	IL TRM
647	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	32.42	Yes	Yes	94%	100%	81%	IL TRM
648	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	30.81	Yes	Yes	6%	100%	48%	IL TRM
649	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.36	Yes	No	98%	100%	100%	IL TRM

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650	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.35	Yes	No	2%	100%	100%	IL TRM
651	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.36	Yes	No	87%	43%	100%	IL TRM
652	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.35	Yes	No	13%	43%	100%	IL TRM
653	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	6.22	Yes	No	94%	100%	73%	IL TRM
654	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	5.94	Yes	No	6%	100%	43%	IL TRM

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655	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.16	Yes	No	98%	100%	100%	IL TRM
656	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.15	Yes	No	2%	100%	100%	IL TRM
657	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.16	Yes	No	87%	43%	100%	IL TRM
658	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.15	Yes	No	13%	43%	100%	IL TRM
659	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	1.02	Yes	No	94%	100%	66%	IL TRM

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660	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	0.96	Yes	No	6%	100%	39%	IL TRM
661	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.14	Yes	No	98%	100%	100%	IL TRM
662	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.14	Yes	No	2%	100%	100%	IL TRM
663	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.14	Yes	No	87%	43%	100%	IL TRM
664	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Direct Install	0.14	Yes	No	13%	43%	100%	IL TRM

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665	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	0.68	Yes	No	94%	100%	59%	IL TRM
666	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	Time of Sale	0.64	Yes	No	6%	100%	35%	IL TRM
667	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp	New Construction	0.71	No	No	6%	100%	100%	IL TRM
668	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.71	No	No	6%	100%	63%	IL TRM
669	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.71	No	No	94%	100%	100%	IL TRM

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670	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.71	No	No	94%	100%	63%	IL TRM
671	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.45	No	No	6%	100%	100%	IL TRM
672	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.45	No	No	6%	100%	63%	IL TRM
673	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.45	No	No	94%	100%	100%	IL TRM
674	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.45	No	No	94%	100%	63%	IL TRM

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675	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.26	No	No	6%	100%	100%	IL TRM
676	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.26	No	No	6%	100%	63%	IL TRM
677	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.26	#N/A	Yes	94%	25%	100%	IL TRM
678	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.26	No	No	94%	100%	63%	IL TRM
679	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.11	#N/A	Yes	6%	25%	100%	IL TRM

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680	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.11	No	No	6%	100%	63%	IL TRM
681	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.11	#N/A	Yes	94%	25%	100%	IL TRM
682	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.11	No	No	94%	100%	63%	IL TRM
683	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.11	#N/A	Yes	6%	25%	100%	IL TRM
684	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.11	No	No	6%	100%	63%	IL TRM

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685	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	New Construction	0.11	#N/A	Yes	94%	25%	100%	IL TRM
686	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.11	No	No	94%	100%	63%	IL TRM
687	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.26	#N/A	Yes	94%	25%	100%	IL TRM
688	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.26	No	No	94%	100%	63%	IL TRM
689	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.24	#N/A	Yes	6%	25%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
690	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2016 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.24	No	No	6%	100%	63%	IL TRM
691	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.19	#N/A	Yes	94%	25%	100%	IL TRM
692	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.19	No	No	94%	100%	63%	IL TRM
693	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.18	#N/A	Yes	6%	25%	100%	IL TRM
694	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2017 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.18	No	No	6%	100%	63%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
695	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.12	#N/A	Yes	94%	25%	100%	IL TRM
696	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.12	No	No	94%	100%	63%	IL TRM
697	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.12	#N/A	Yes	6%	25%	100%	IL TRM
698	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2018 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.12	No	No	6%	100%	63%	IL TRM
699	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.06	#N/A	Yes	94%	25%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
700	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.06	No	No	94%	100%	63%	IL TRM
701	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.05	#N/A	Yes	6%	25%	100%	IL TRM
702	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2019 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.05	No	No	6%	100%	63%	IL TRM
703	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.06	#N/A	Yes	94%	25%	100%	IL TRM
704	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.06	No	No	94%	100%	63%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
705	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	New Construction	0.05	#N/A	Yes	6%	25%	100%	IL TRM
706	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	13.9 W CFL installed in year 2020 representing bulbs less than 1050 lumens	42.4W EISA compliant lamp - Interior Hardwired	Time of Sale	0.05	No	No	6%	100%	63%	IL TRM
707	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	2.39	No	No	87%	100%	63%	IL TRM
708	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	2.39	No	No	87%	43%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
709	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	Retrofit	2.39	No	Yes	87%	43%	63%	IL TRM
710	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	2.16	No	No	13%	100%	63%	IL TRM
711	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	2.16	No	No	13%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
712	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	MF Common Area Default Value W CFL installed in year representing bulbs less than 1050 lumens	43W EISA compliant lamp	Retrofit	2.16	No	Yes	13%	43%	63%	IL TRM
713	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2016 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.26	#N/A	Yes	94%	25%	100%	IL TRM
714	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2016 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.26	No	No	94%	100%	63%	IL TRM
715	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2016 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.25	#N/A	Yes	6%	25%	100%	IL TRM
716	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2016 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.25	No	No	6%	100%	63%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
717	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2017 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.19	#N/A	Yes	94%	25%	100%	IL TRM
718	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2017 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.19	No	No	94%	100%	63%	IL TRM
719	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2017 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.18	#N/A	Yes	6%	25%	100%	IL TRM
720	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2017 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.18	No	No	6%	100%	63%	IL TRM
721	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2018 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.12	#N/A	Yes	94%	25%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
722	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2018 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.12	No	No	94%	100%	63%	IL TRM
723	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2018 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.12	#N/A	Yes	6%	25%	100%	IL TRM
724	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2018 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.12	No	No	6%	100%	63%	IL TRM
725	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2019 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.06	#N/A	Yes	94%	25%	100%	IL TRM
726	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2019 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.06	No	No	94%	100%	63%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
727	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2019 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.05	#N/A	Yes	6%	25%	100%	IL TRM
728	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2019 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.05	No	No	6%	100%	63%	IL TRM
729	All	Gas Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2020 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.06	#N/A	Yes	94%	25%	100%	IL TRM
730	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2020 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.06	No	No	94%	100%	63%	IL TRM
731	All	Electric Heating	Lighting	Interior Hardwired Lighting Fixtures	14 W CFL installed in year 2020 representing bulbs less than 1050 lumens	43W EISA compliant lamp	New Construction	0.05	#N/A	Yes	6%	25%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
732	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	14 W CFL installed in year 2020 representing bulbs less than 1050 lumens	43W EISA compliant lamp	Time of Sale	0.05	No	No	6%	100%	63%	IL TRM
733	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Direct Install	13.40	No	Yes	98%	100%	100%	IL TRM
734	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Direct Install	12.64	No	Yes	2%	100%	100%	IL TRM
735	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Direct Install	13.43	No	Yes	87%	100%	100%	IL TRM
736	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Direct Install	12.60	No	Yes	13%	100%	100%	IL TRM
737	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Time of Sale	13.67	No	Yes	94%	100%	100%	IL TRM
738	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2020	45.4W Post-2020 EISA compliant lamp	Time of Sale	12.88	No	Yes	6%	100%	100%	IL TRM
739	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Direct Install	10.74	No	Yes	98%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
740	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Direct Install	10.13	No	Yes	2%	100%	100%	IL TRM
741	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Direct Install	10.76	No	Yes	87%	100%	100%	IL TRM
742	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Direct Install	10.09	No	Yes	13%	100%	100%	IL TRM
743	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Time of Sale	10.96	No	No	94%	100%	100%	IL TRM
744	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2021	45.4W Post-2020 EISA compliant lamp	Time of Sale	10.32	No	No	6%	100%	100%	IL TRM
745	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Direct Install	8.96	No	Yes	98%	100%	100%	IL TRM
746	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Direct Install	8.45	No	Yes	2%	100%	100%	IL TRM
747	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Direct Install	8.97	No	Yes	87%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
748	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Direct Install	8.42	No	Yes	13%	100%	100%	IL TRM
749	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Time of Sale	9.14	No	No	94%	100%	100%	IL TRM
750	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2022	45.4W Post-2020 EISA compliant lamp	Time of Sale	8.61	No	No	6%	100%	100%	IL TRM
751	All	Gas Heating	Lighting	LED Downlights	13 W LED	45W Incandescent/Halogen Tracklight	Time of Sale	156.04	Yes	Yes	94%	6%	88%	IL TRM
752	All	Gas Heating	Lighting	LED Downlights	13 W LED	45W Incandescent/Halogen Tracklight	New Construction	156.04	Yes	Yes	94%	2%	100%	IL TRM
753	All	Electric Heating	Lighting	LED Downlights	13 W LED	45W Incandescent/Halogen Tracklight	Time of Sale	147.48	Yes	Yes	6%	6%	88%	IL TRM
754	All	Electric Heating	Lighting	LED Downlights	13 W LED	45W Incandescent/Halogen Tracklight	New Construction	147.48	Yes	Yes	6%	2%	100%	IL TRM
755	All	Gas Heating	Lighting	LED Downlights	14 W LED	50W Incandescent/Halogen Recessed Downlight	Time of Sale	190.38	Yes	Yes	94%	6%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
756	All	Gas Heating	Lighting	LED Downlights - OM	14 W LED	50W Incandescent/Halogen Recessed Downlight	Time of Sale	190.38	#N/A	Yes	94%	6%	100%	IL TRM
757	All	Gas Heating	Lighting	LED Downlights	14 W LED	50W Incandescent/Halogen Recessed Downlight	New Construction	190.38	Yes	Yes	94%	2%	100%	IL TRM
758	All	Electric Heating	Lighting	LED Downlights	14 W LED	50W Incandescent/Halogen Recessed Downlight	Time of Sale	179.96	Yes	Yes	6%	6%	100%	IL TRM
759	All	Electric Heating	Lighting	LED Downlights - OM	14 W LED	50W Incandescent/Halogen Recessed Downlight	Time of Sale	179.96	#N/A	Yes	6%	6%	100%	IL TRM
760	All	Electric Heating	Lighting	LED Downlights	14 W LED	50W Incandescent/Halogen Recessed Downlight	New Construction	179.96	Yes	Yes	6%	2%	100%	IL TRM
761	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Direct Install	1.01	No	Yes	98%	100%	100%	IL TRM
762	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Direct Install	0.95	No	No	2%	100%	100%	IL TRM
763	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Direct Install	1.02	No	Yes	87%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
764	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Direct Install	0.95	No	No	13%	43%	100%	IL TRM
765	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Time of Sale	50.76	No	No	94%	100%	90%	IL TRM
766	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2016	53W EISA compliant lamp	Time of Sale	47.82	No	No	6%	100%	53%	IL TRM
767	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Direct Install	0.62	No	No	98%	100%	100%	IL TRM
768	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Direct Install	0.59	No	No	2%	100%	100%	IL TRM
769	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Direct Install	0.62	No	No	87%	100%	100%	IL TRM
770	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Direct Install	0.59	No	No	13%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
771	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Time of Sale	37.56	No	Yes	94%	100%	81%	IL TRM
772	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2017	53W EISA compliant lamp	Time of Sale	35.70	No	Yes	6%	100%	48%	IL TRM
773	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Direct Install	0.35	No	No	98%	100%	100%	IL TRM
774	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Direct Install	0.34	No	No	2%	100%	100%	IL TRM
775	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Direct Install	0.36	No	No	87%	43%	100%	IL TRM
776	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Direct Install	0.34	No	No	13%	43%	100%	IL TRM
777	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Time of Sale	4.54	No	No	94%	100%	73%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
778	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2018	53W EISA compliant lamp	Time of Sale	4.34	No	No	6%	100%	43%	IL TRM
779	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Direct Install	0.15	No	No	98%	100%	100%	IL TRM
780	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Direct Install	0.15	No	No	2%	100%	100%	IL TRM
781	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Direct Install	0.16	No	No	87%	43%	100%	IL TRM
782	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Direct Install	0.15	No	No	13%	43%	100%	IL TRM
783	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Time of Sale	0.98	No	No	94%	100%	66%	IL TRM
784	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2019	53W EISA compliant lamp	Time of Sale	0.92	No	No	6%	100%	39%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
785	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Direct Install	0.14	No	No	98%	100%	100%	IL TRM
786	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Direct Install	0.14	No	No	2%	100%	100%	IL TRM
787	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Direct Install	0.15	No	No	87%	43%	100%	IL TRM
788	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Direct Install	0.14	No	No	13%	43%	100%	IL TRM
789	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Time of Sale	0.70	No	No	94%	100%	59%	IL TRM
790	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	20 W CFL installed in year 2020	53W EISA compliant lamp	Time of Sale	0.65	No	No	6%	100%	35%	IL TRM
791	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2016	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.82	#N/A	Yes	6%	25%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
792	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.82	No	No	6%	100%	63%	IL TRM
793	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2016	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.82	#N/A	Yes	94%	25%	100%	IL TRM
794	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.82	No	No	94%	100%	63%	IL TRM
795	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2017	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.52	#N/A	Yes	6%	25%	100%	IL TRM
796	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.52	No	No	6%	100%	63%	IL TRM
797	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2017	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.52	#N/A	Yes	94%	25%	100%	IL TRM
798	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.52	No	No	94%	100%	63%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
799	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2018	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.30	#N/A	Yes	6%	25%	100%	IL TRM
800	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.30	No	No	6%	100%	63%	IL TRM
801	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2018	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.30	#N/A	Yes	94%	25%	100%	IL TRM
802	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.30	No	No	94%	100%	63%	IL TRM
803	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2019	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.13	#N/A	Yes	6%	25%	100%	IL TRM
804	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.13	No	No	6%	100%	63%	IL TRM
805	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2019	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.13	#N/A	Yes	94%	25%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
806	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.13	No	No	94%	100%	63%	IL TRM
807	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2020	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.13	#N/A	Yes	6%	25%	100%	IL TRM
808	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.13	No	No	6%	100%	63%	IL TRM
809	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	20 W CFL installed in year 2020	53W EISA compliant lamp - Exterior Hardwired	New Construction	0.13	#N/A	Yes	94%	25%	100%	IL TRM
810	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.13	No	No	94%	100%	63%	IL TRM
811	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Interior Hardwired	New Construction	0.30	No	No	94%	100%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
812	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.30	No	No	94%	100%	63%	IL TRM
813	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Interior Hardwired	New Construction	0.28	No	No	6%	100%	100%	IL TRM
814	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2016	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.28	No	No	6%	100%	63%	IL TRM
815	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Interior Hardwired	New Construction	0.22	No	No	94%	100%	100%	IL TRM
816	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.22	No	No	94%	100%	63%	IL TRM
817	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Interior Hardwired	New Construction	0.21	No	No	6%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
818	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2017	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.21	No	No	6%	100%	63%	IL TRM
819	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Interior Hardwired	New Construction	0.14	No	No	94%	100%	100%	IL TRM
820	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.14	No	No	94%	100%	63%	IL TRM
821	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Interior Hardwired	New Construction	0.13	No	No	6%	100%	100%	IL TRM
822	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2018	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.13	No	No	6%	100%	63%	IL TRM
823	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Interior Hardwired	New Construction	0.07	No	No	94%	100%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
824	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.07	No	No	94%	100%	63%	IL TRM
825	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Interior Hardwired	New Construction	0.06	No	No	6%	100%	100%	IL TRM
826	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2019	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.06	No	No	6%	100%	63%	IL TRM
827	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Interior Hardwired	New Construction	0.07	No	No	94%	100%	100%	IL TRM
828	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.07	No	No	94%	100%	63%	IL TRM
829	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Interior Hardwired	New Construction	0.06	No	No	6%	100%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
830	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	20 W CFL installed in year 2020	53W EISA compliant lamp - Interior Hardwired	Time of Sale	0.06	No	No	6%	100%	63%	IL TRM
831	All	Gas Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Time of Sale	117.30	#N/A	No	94%	100%	64%	IL TRM
832	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Direct Install	114.95	#N/A	Yes	98%	100%	100%	IL TRM
833	Multifamily	Gas Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Direct Install	115.11	#N/A	Yes	87%	62%	100%	IL TRM
834	All	Gas Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	New Construction	117.30	#N/A	No	94%	100%	100%	IL TRM
835	All	Electric Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Time of Sale	110.22	#N/A	No	6%	100%	70%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
836	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Direct Install	108.18	#N/A	Yes	2%	100%	100%	IL TRM
837	Multifamily	Electric Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	Direct Install	107.79	#N/A	Yes	13%	62%	100%	IL TRM
838	All	Electric Heating	Lighting	ENERGY STAR Specialty Compact Fluorescent Lamp (CFL)	15W CFL Generic Specialty Lamp	60W Incandescent Generic Specialty Lamp	New Construction	110.22	#N/A	No	6%	100%	100%	IL TRM
839	All	Gas Heating	Lighting	LED Downlights	21 W LED	67W Incandescent/Halogen PAR30 screw-in lamps	Time of Sale	159.78	#N/A	Yes	94%	6%	88%	IL TRM
840	All	Gas Heating	Lighting	LED Downlights	21 W LED	67W Incandescent/Halogen PAR30 screw-in lamps	New Construction	159.78	#N/A	Yes	94%	2%	100%	IL TRM
841	All	Electric Heating	Lighting	LED Downlights	21 W LED	67W Incandescent/Halogen PAR30 screw-in lamps	Time of Sale	150.48	#N/A	Yes	6%	6%	88%	IL TRM
842	All	Electric Heating	Lighting	LED Downlights	21 W LED	67W Incandescent/Halogen PAR30 screw-in lamps	New Construction	150.48	#N/A	Yes	6%	2%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
843	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Direct Install	1.44	No	Yes	98%	100%	100%	IL TRM
844	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Direct Install	1.36	No	Yes	2%	100%	100%	IL TRM
845	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Direct Install	1.44	No	Yes	87%	43%	100%	IL TRM
846	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Direct Install	1.36	No	Yes	13%	43%	100%	IL TRM
847	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Time of Sale	72.26	#N/A	No	94%	100%	64%	IL TRM
848	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2016	72W EISA compliant lamp	Time of Sale	68.09	#N/A	No	6%	100%	64%	IL TRM
849	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Direct Install	0.89	#N/A	No	98%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
850	SingleFamily &Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Direct Install	0.84	#N/A	No	2%	100%	100%	IL TRM
851	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Direct Install	0.89	#N/A	No	87%	100%	100%	IL TRM
852	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Direct Install	0.84	#N/A	No	13%	100%	100%	IL TRM
853	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Time of Sale	53.48	#N/A	Yes	94%	100%	58%	IL TRM
854	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2017	72W EISA compliant lamp	Time of Sale	50.84	#N/A	Yes	6%	100%	58%	IL TRM
855	SingleFamily &Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Direct Install	0.50	#N/A	No	98%	100%	100%	IL TRM
856	SingleFamily &Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Direct Install	0.48	#N/A	No	2%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
857	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Direct Install	0.51	#N/A	No	87%	43%	100%	IL TRM
858	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Direct Install	0.48	#N/A	No	13%	43%	100%	IL TRM
859	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Time of Sale	6.46	#N/A	No	94%	100%	52%	IL TRM
860	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2018	72W EISA compliant lamp	Time of Sale	6.17	#N/A	No	6%	100%	52%	IL TRM
861	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Direct Install	0.22	#N/A	No	98%	100%	100%	IL TRM
862	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Direct Install	0.21	#N/A	No	2%	100%	100%	IL TRM
863	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Direct Install	0.22	#N/A	No	87%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
864	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Direct Install	0.21	#N/A	No	13%	43%	100%	IL TRM
865	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Time of Sale	1.40	#N/A	No	94%	100%	47%	IL TRM
866	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2019	72W EISA compliant lamp	Time of Sale	1.32	#N/A	No	6%	100%	47%	IL TRM
867	SingleFamily & Duplex	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Direct Install	0.21	#N/A	No	98%	100%	100%	IL TRM
868	SingleFamily & Duplex	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Direct Install	0.19	#N/A	No	2%	100%	100%	IL TRM
869	Multifamily	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Direct Install	0.21	#N/A	No	87%	43%	100%	IL TRM
870	Multifamily	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Direct Install	0.19	#N/A	No	13%	43%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
871	All	Gas Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Time of Sale	0.99	#N/A	No	94%	100%	42%	IL TRM
872	All	Electric Heating	Lighting	ENERGY STAR Compact Fluorescent Lamp (CFL)	25 W CFL installed in year 2020	72W EISA compliant lamp	Time of Sale	0.93	#N/A	No	6%	100%	42%	IL TRM
873	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2016	72W EISA compliant lamp - Exterior Hardwired	New Construction	1.16	#N/A	Yes	6%	25%	100%	IL TRM
874	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	1.16	#N/A	No	6%	100%	63%	IL TRM
875	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2016	72W EISA compliant lamp - Exterior Hardwired	New Construction	1.16	#N/A	Yes	94%	25%	100%	IL TRM
876	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	1.16	#N/A	No	94%	100%	63%	IL TRM
877	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2017	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.73	#N/A	Yes	6%	25%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
878	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.73	#N/A	No	6%	100%	63%	IL TRM
879	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2017	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.73	#N/A	Yes	94%	25%	100%	IL TRM
880	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.73	#N/A	No	94%	100%	63%	IL TRM
881	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2018	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.42	#N/A	Yes	6%	25%	100%	IL TRM
882	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.42	#N/A	No	6%	100%	63%	IL TRM
883	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2018	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.42	#N/A	Yes	94%	25%	100%	IL TRM
884	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.42	#N/A	No	94%	100%	63%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
885	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2019	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.18	#N/A	Yes	6%	25%	100%	IL TRM
886	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.18	#N/A	No	6%	100%	63%	IL TRM
887	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2019	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.18	#N/A	Yes	94%	25%	100%	IL TRM
888	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.18	#N/A	No	94%	100%	63%	IL TRM
889	All	Electric Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2020	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.18	#N/A	Yes	6%	25%	100%	IL TRM
890	All	Electric Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.18	#N/A	No	6%	100%	63%	IL TRM
891	All	Gas Heating	Lighting	Exterior Hardwired Lighting Fixtures	25 W CFL installed in year 2020	72W EISA compliant lamp - Exterior Hardwired	New Construction	0.18	#N/A	Yes	94%	25%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
892	All	Gas Heating	Lighting	Exterior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Exterior Hardwired	Time of Sale	0.18	#N/A	No	94%	100%	63%	IL TRM
893	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Interior Hardwired	New Construction	0.43	#N/A	No	94%	100%	100%	IL TRM
894	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.43	#N/A	No	94%	100%	63%	IL TRM
895	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Interior Hardwired	New Construction	0.40	#N/A	No	6%	100%	100%	IL TRM
896	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2016	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.40	#N/A	No	6%	100%	63%	IL TRM
897	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Interior Hardwired	New Construction	0.31	#N/A	No	94%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
898	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.31	#N/A	No	94%	100%	63%	IL TRM
899	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Interior Hardwired	New Construction	0.29	#N/A	No	6%	100%	100%	IL TRM
900	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2017	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.29	#N/A	No	6%	100%	63%	IL TRM
901	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Interior Hardwired	New Construction	0.20	#N/A	No	94%	100%	100%	IL TRM
902	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.20	#N/A	No	94%	100%	63%	IL TRM
903	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Interior Hardwired	New Construction	0.19	#N/A	No	6%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
904	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2018	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.19	#N/A	No	6%	100%	63%	IL TRM
905	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Interior Hardwired	New Construction	0.09	#N/A	No	94%	100%	100%	IL TRM
906	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.09	#N/A	No	94%	100%	63%	IL TRM
907	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Interior Hardwired	New Construction	0.09	#N/A	No	6%	100%	100%	IL TRM
908	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2019	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.09	#N/A	No	6%	100%	63%	IL TRM
909	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Interior Hardwired	New Construction	0.09	#N/A	No	94%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
910	All	Gas Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.09	#N/A	No	94%	100%	63%	IL TRM
911	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Interior Hardwired	New Construction	0.09	#N/A	No	6%	100%	100%	IL TRM
912	All	Electric Heating	Lighting	Interior Hardwired Compact Fluorescent Lamp (CFL) Fixture	25 W CFL installed in year 2020	72W EISA compliant lamp - Interior Hardwired	Time of Sale	0.09	#N/A	No	6%	100%	63%	IL TRM
913	Multifamily	Gas Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	Time of Sale	484.87	#N/A	Yes	87%	100%	51%	IL TRM
914	Multifamily	Gas Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	Retrofit	484.87	#N/A	Yes	87%	43%	51%	IL TRM
915	Multifamily	Gas Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	New Construction	484.87	#N/A	No	87%	100%	51%	IL TRM
916	Multifamily	Electric Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	Time of Sale	457.65	#N/A	Yes	13%	100%	51%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
917	Multifamily	Electric Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	Retrofit	457.65	#N/A	Yes	13%	43%	51%	IL TRM
918	Multifamily	Electric Heating	Lighting	LED Exit Signs	LED exit sign	Fluorescent Exit Sign	New Construction	457.65	#N/A	No	13%	100%	51%	IL TRM
919	Multifamily	Gas Heating	Lighting	Home Energy Audit & Retrofit Multifamily: Common Area	0	Home Energy Audit & Retrofit Multifamily: Common Area	Direct Install	0.00	#N/A	No	87%	100%	100%	ICF
920	Multifamily	Electric Heating	Lighting	Home Energy Audit & Retrofit Multifamily: Common Area	0	Home Energy Audit & Retrofit Multifamily: Common Area	Direct Install	0.00	#N/A	No	13%	100%	100%	ICF
921	All	Gas Heating	Lighting	ENERGY STAR Torchiere - OM	Energy Star Torchiere	Incandescent/Halogen Torchiere	Time of Sale	384.85	#N/A	Yes	94%	100%	70%	IL TRM
922	All	Gas Heating	Lighting	ENERGY STAR Torchiere	Energy Star Torchiere	Incandescent/Halogen Torchiere	New Construction	384.85	#N/A	No	94%	1%	70%	IL TRM
923	All	Electric Heating	Lighting	ENERGY STAR Torchiere - OM	Energy Star Torchiere	Incandescent/Halogen Torchiere	Time of Sale	362.34	#N/A	Yes	6%	100%	70%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
924	All	Electric Heating	Lighting	ENERGY STAR Torchiere	Energy Star Torchiere	Incandescent/Halogen Torchiere	New Construction	362.34	#N/A	No	6%	1%	70%	IL TRM
925	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	4.00	No	Yes	98%	100%	100%	IL TRM
926	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.77	No	Yes	2%	100%	100%	IL TRM
927	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	4.01	No	Yes	87%	43%	100%	IL TRM
928	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.76	No	Yes	13%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
929	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	4.08	Yes	No	94%	100%	64%	IL TRM
930	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2016 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.84	Yes	No	6%	100%	64%	IL TRM
931	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.44	Yes	Yes	98%	100%	100%	IL TRM
932	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.24	Yes	Yes	2%	100%	100%	IL TRM
933	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.44	Yes	Yes	87%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
934	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.23	Yes	Yes	13%	100%	100%	IL TRM
935	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.50	No	Yes	94%	100%	58%	IL TRM
936	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.30	No	Yes	6%	100%	58%	IL TRM
937	All	Gas Heating	Lighting	Efficient light bulbs	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.61	#N/A	Yes	94%	100%	58%	IL TRM
938	All	Electric Heating	Lighting	Efficient light bulbs	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.60	#N/A	Yes	6%	100%	58%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
939	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps - OM	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.50	#N/A	Yes	94%	100%	88%	IL TRM
940	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps - OM	12.32 W LED installed in year 2017 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.30	#N/A	Yes	6%	100%	88%	IL TRM
941	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.09	No	Yes	98%	100%	100%	IL TRM
942	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.92	No	Yes	2%	100%	100%	IL TRM
943	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	3.10	No	Yes	87%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
944	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.91	No	Yes	13%	43%	100%	IL TRM
945	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	3.15	No	No	94%	100%	52%	IL TRM
946	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2018 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	2.97	No	No	6%	100%	52%	IL TRM
947	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.81	No	Yes	98%	100%	100%	IL TRM
948	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.65	No	Yes	2%	100%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
949	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.82	No	Yes	87%	43%	100%	IL TRM
950	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Direct Install	2.64	No	Yes	13%	43%	100%	IL TRM
951	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	2.87	No	No	94%	100%	47%	IL TRM
952	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	12.32 W LED installed in year 2019 representing bulbs less than 1050 lumens	Pre 2020 lamp of 32.3W; switching to 15W EISA post-2020 compliant lamp	Time of Sale	2.70	No	No	6%	100%	47%	IL TRM
953	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	5.99	Yes	Yes	98%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
954	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	5.65	Yes	Yes	2%	100%	100%	IL TRM
955	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	6.00	Yes	Yes	87%	43%	100%	IL TRM
956	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	5.63	Yes	Yes	13%	43%	100%	IL TRM
957	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	6.11	Yes	No	94%	100%	64%	IL TRM
958	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2016	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	5.75	Yes	No	6%	100%	64%	IL TRM

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959	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	5.14	No	Yes	98%	100%	100%	IL TRM
960	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.85	No	Yes	2%	100%	100%	IL TRM
961	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	5.15	No	Yes	87%	100%	100%	IL TRM
962	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.83	No	Yes	13%	100%	100%	IL TRM
963	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	5.24	No	Yes	94%	100%	58%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
964	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2017	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	4.94	No	Yes	6%	100%	58%	IL TRM
965	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.63	No	Yes	98%	100%	100%	IL TRM
966	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.36	No	Yes	2%	100%	100%	IL TRM
967	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.64	No	Yes	87%	43%	100%	IL TRM
968	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.35	No	Yes	13%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
969	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	4.72	No	No	94%	100%	52%	IL TRM
970	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2018	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	4.44	No	No	6%	100%	52%	IL TRM
971	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.21	No	Yes	98%	100%	100%	IL TRM
972	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	3.97	No	Yes	2%	100%	100%	IL TRM
973	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	4.22	No	Yes	87%	43%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
974	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Direct Install	3.95	No	Yes	13%	43%	100%	IL TRM
975	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	4.29	No	No	94%	100%	47%	IL TRM
976	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	23.1 W LED installed in year 2019	Pre 2020 lamp of 53W; switching to 28.2W EISA post-2020 compliant lamp	Time of Sale	4.04	No	No	6%	100%	47%	IL TRM
977	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	6.97	No	Yes	98%	100%	100%	IL TRM
978	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	6.57	No	Yes	2%	100%	100%	IL TRM

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979	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	6.98	No	Yes	87%	43%	100%	IL TRM
980	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	6.55	No	Yes	13%	43%	100%	IL TRM
981	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	7.11	No	No	94%	100%	64%	IL TRM
982	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2016	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	6.69	No	No	6%	100%	64%	IL TRM
983	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	121.50	No	Yes	98%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
984	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	114.59	No	Yes	2%	100%	100%	IL TRM
985	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	121.71	No	Yes	87%	43%	100%	IL TRM
986	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	114.19	No	Yes	13%	43%	100%	IL TRM
987	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	123.96	No	Yes	94%	100%	58%	IL TRM
988	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2017	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	116.73	No	Yes	6%	100%	58%	IL TRM

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989	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	121.50	No	Yes	98%	100%	100%	IL TRM
990	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	114.59	No	Yes	2%	100%	100%	IL TRM
991	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	121.71	No	Yes	87%	43%	100%	IL TRM
992	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	114.19	No	Yes	13%	43%	100%	IL TRM
993	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	123.96	No	No	94%	100%	52%	IL TRM

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994	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2018	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	116.73	No	No	6%	100%	52%	IL TRM
995	SingleFamily & Duplex	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	66.91	No	Yes	98%	100%	100%	IL TRM
996	SingleFamily & Duplex	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	63.11	No	Yes	2%	100%	100%	IL TRM
997	Multifamily	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	67.03	No	Yes	87%	43%	100%	IL TRM
998	Multifamily	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Direct Install	62.89	No	Yes	13%	43%	100%	IL TRM

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999	SingleFamily &Duplex	AC/Electric Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	4.26	#N/A	No	1%	100%	100%	IL TRM
1000	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	2.55	#N/A	No	0%	100%	100%	IL TRM
1001	SingleFamily &Duplex	Heat Pump	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	2.91	#N/A	No	0%	100%	100%	IL TRM
1002	SingleFamily &Duplex	AC/Gas Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	2.71	#N/A	No	86%	100%	100%	IL TRM
1003	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	1.00	#N/A	No	13%	100%	100%	IL TRM

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1004	Multifamily	AC/Electric Resistance Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	4.15	#N/A	No	4%	100%	100%	IL TRM
1005	Multifamily	Electric Resistance Heat/No CAC	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	1.19	#N/A	No	4%	100%	100%	IL TRM
1006	Multifamily	Heat Pump	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	4.02	#N/A	No	5%	100%	100%	IL TRM
1007	Multifamily	AC/Gas Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	2.91	#N/A	No	40%	100%	100%	IL TRM
1008	Multifamily	Gas Heat (No AC)	Shell	Air Sealing	Sealed Envelope with Normal Exposure - 4 ACH50	IECC 2009 Code Level Envelope Tightness with Normal Exposure - 7 ACH50	New Construction	1.04	#N/A	No	47%	100%	100%	IL TRM
1009	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	5.38	#N/A	Yes	1%	100%	100%	IL TRM

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1010	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	3.05	#N/A	Yes	0%	100%	100%	IL TRM
1011	SingleFamily &Duplex	Heat Pump	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	4.03	#N/A	Yes	0%	100%	100%	IL TRM
1012	SingleFamily &Duplex	AC/Gas Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	3.70	#N/A	Yes	86%	100%	100%	IL TRM
1013	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	1.37	#N/A	Yes	13%	100%	100%	IL TRM
1014	Multifamily	AC/Electric Resistance Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	5.28	#N/A	Yes	4%	100%	100%	IL TRM
1015	Multifamily	Electric Resistance Heat/No CAC	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	1.52	#N/A	Yes	4%	100%	100%	IL TRM
1016	Multifamily	Heat Pump	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	5.28	#N/A	Yes	5%	100%	100%	IL TRM
1017	Multifamily	AC/Gas Heat	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	3.80	#N/A	Yes	40%	100%	100%	IL TRM

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1018	Multifamily	Gas Heat (No AC)	Shell	Air Sealing	Sealed Envelope with Normal Exposure	Leaky Envelope with Normal Exposure	Retrofit	1.24	#N/A	Yes	47%	100%	100%	IL TRM
1019	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.87	#N/A	Yes	1%	42%	100%	IL TRM
1020	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.60	#N/A	Yes	0%	42%	100%	IL TRM
1021	SingleFamily & Duplex	Heat Pump	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.16	#N/A	Yes	0%	42%	100%	IL TRM
1022	SingleFamily & Duplex	AC/Gas Heat	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.10	#N/A	Yes	86%	42%	100%	IL TRM

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1023	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	0.83	#N/A	Yes	13%	42%	100%	IL TRM
1024	Multifamily	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.89	#N/A	No	4%	5%	100%	IL TRM
1025	Multifamily	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.59	#N/A	No	4%	5%	100%	IL TRM
1026	Multifamily	Heat Pump	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.18	#N/A	No	5%	5%	100%	IL TRM

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1027	Multifamily	AC/Gas Heat	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	1.12	#N/A	No	40%	5%	100%	IL TRM
1028	Multifamily	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	Conditioned basement with code level - R13 Cavity Insulation above and below grade	Conditioned Space No Insulation	Retrofit	0.83	#N/A	No	47%	5%	100%	IL TRM
1029	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	3.58	#N/A	Yes	1%	11%	100%	IL TRM
1030	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	3.22	#N/A	Yes	0%	11%	100%	IL TRM
1031	SingleFamily & Duplex	Heat Pump	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	2.16	#N/A	Yes	0%	11%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1032	SingleFamily & Duplex	AC/Gas Heat	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	2.02	#N/A	Yes	86%	11%	100%	IL TRM
1033	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	1.66	#N/A	Yes	13%	11%	100%	IL TRM
1034	Multifamily	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	3.59	#N/A	No	4%	11%	100%	IL TRM
1035	Multifamily	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	3.20	#N/A	No	4%	11%	100%	IL TRM
1036	Multifamily	Heat Pump	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	2.18	#N/A	No	5%	11%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1037	Multifamily	AC/Gas Heat	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	2.06	#N/A	No	40%	11%	100%	IL TRM
1038	Multifamily	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	Crawlspace with code level - R13 Cavity Insulation above and below grade	Crawlspace No Insulation	Retrofit	1.66	#N/A	No	47%	11%	100%	IL TRM
1039	SingleFamily & Duplex	Heat Pump	Shell	Basement Sidewall Insulation	Unconditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.63	#N/A	Yes	0%	36%	100%	IL TRM
1040	SingleFamily & Duplex	AC/Gas Heat	Shell	Basement Sidewall Insulation	Unconditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.59	#N/A	Yes	86%	36%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1041	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.50	#N/A	Yes	13%	36%	100%	IL TRM
1042	Multifamily	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	1.06	#N/A	No	4%	36%	100%	IL TRM
1043	Multifamily	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.96	#N/A	No	4%	36%	100%	IL TRM
1044	Multifamily	Heat Pump	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.63	#N/A	No	5%	6%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1045	Multifamily	AC/Gas Heat	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.60	#N/A	No	40%	6%	100%	IL TRM
1046	Multifamily	Gas Heat (No AC)	Shell	Basement Sidewall Insulation	UnConditioned basement with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.50	#N/A	No	47%	6%	100%	IL TRM
1047	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Basement Sidewall Insulation	UnConditioned space with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	1.06	#N/A	Yes	1%	6%	100%	IL TRM
1048	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Basement Sidewall Insulation	UnConditioned space with code level - R13 Cavity Insulation above and below grade	Unconditioned Space No Insulation	Retrofit	0.97	#N/A	Yes	0%	6%	100%	IL TRM
1049	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	2.09	#N/A	Yes	1%	11%	100%	IL TRM

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1050	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.88	#N/A	Yes	0%	11%	100%	IL TRM
1051	SingleFamily &Duplex	Heat Pump	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.26	#N/A	Yes	0%	11%	100%	IL TRM
1052	SingleFamily &Duplex	AC/Gas Heat	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.18	#N/A	Yes	86%	11%	100%	IL TRM
1053	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	0.97	#N/A	Yes	13%	11%	100%	IL TRM
1054	Multifamily	AC/Electric Resistance Heat	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	2.03	#N/A	No	4%	11%	100%	IL TRM
1055	Multifamily	Electric Resistance Heat/No CAC	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.85	#N/A	No	4%	11%	100%	IL TRM
1056	Multifamily	Heat Pump	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.27	#N/A	No	5%	11%	100%	IL TRM
1057	Multifamily	AC/Gas Heat	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	1.20	#N/A	No	40%	11%	100%	IL TRM

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1058	Multifamily	Gas Heat (No AC)	Shell	Floor insulation above crawlspace	R30 Floor Insulation	no insulation	Retrofit	0.97	#N/A	No	47%	11%	100%	IL TRM
1059	SingleFamily & Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.18	Yes	No	0%	94%	100%	IL TRM
1060	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.27	Yes	No	1%	94%	100%	IL TRM
1061	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.21	Yes	No	0%	94%	100%	IL TRM
1062	SingleFamily & Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.16	Yes	No	86%	94%	100%	IL TRM
1063	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.11	Yes	No	13%	94%	100%	IL TRM
1064	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.18	Yes	No	5%	83%	100%	IL TRM
1065	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.27	Yes	No	4%	83%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1066	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.21	Yes	No	4%	83%	100%	IL TRM
1067	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.16	Yes	No	40%	83%	100%	IL TRM
1068	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Cavity Insulation + R5 Sheathing	R19 Wall Cavity Insulation	New Construction	0.11	Yes	No	47%	83%	100%	IL TRM
1069	SingleFamily & Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	0.87	Yes	Yes	0%	6%	100%	IL TRM
1070	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	1.32	Yes	Yes	1%	6%	100%	IL TRM
1071	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	1.03	Yes	Yes	0%	6%	100%	IL TRM
1072	SingleFamily & Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	0.78	Yes	Yes	86%	6%	100%	IL TRM
1073	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	0.53	Yes	Yes	13%	6%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1074	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	6.09	No	No	5%	17%	100%	IL TRM
1075	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	6.54	No	No	4%	17%	100%	IL TRM
1076	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	6.48	No	No	4%	17%	100%	IL TRM
1077	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	6.00	No	No	40%	17%	100%	IL TRM
1078	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R19 Wall Insulation	Uninsulated external wall	Retrofit	5.99	No	No	47%	17%	100%	IL TRM
1079	SingleFamily & Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.77	No	Yes	0%	100%	100%	IL TRM
1080	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	2.76	No	Yes	1%	100%	100%	IL TRM
1081	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	2.22	No	Yes	0%	100%	100%	IL TRM

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1082	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.58	No	Yes	86%	100%	100%	IL TRM
1083	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.15	No	Yes	13%	100%	100%	IL TRM
1084	SingleFamily &Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.49	No	Yes	0%	100%	100%	IL TRM
1085	SingleFamily &Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.76	No	Yes	1%	100%	100%	IL TRM
1086	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.61	No	Yes	0%	100%	100%	IL TRM
1087	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.44	No	Yes	86%	100%	100%	IL TRM
1088	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.32	No	Yes	13%	100%	100%	IL TRM
1089	SingleFamily &Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.19	Yes	No	0%	100%	100%	IL TRM

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1090	SingleFamily &Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.30	Yes	No	1%	100%	100%	IL TRM
1091	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.24	Yes	No	0%	100%	100%	IL TRM
1092	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.17	Yes	No	86%	100%	100%	IL TRM
1093	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.12	Yes	No	13%	100%	100%	IL TRM
1094	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.38	Yes	No	5%	100%	100%	IL TRM
1095	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.90	Yes	No	4%	100%	100%	IL TRM
1096	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.90	Yes	No	4%	100%	100%	IL TRM
1097	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.20	Yes	No	40%	100%	100%	IL TRM

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1098	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.19	Yes	No	47%	100%	100%	IL TRM
1099	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	4.10	Yes	No	5%	100%	100%	IL TRM
1100	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	4.37	Yes	No	4%	100%	100%	IL TRM
1101	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	4.34	Yes	No	4%	100%	100%	IL TRM
1102	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	4.05	Yes	No	40%	100%	100%	IL TRM
1103	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	4.05	Yes	No	47%	100%	100%	IL TRM
1104	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.46	Yes	No	5%	100%	100%	IL TRM
1105	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.56	Yes	No	4%	100%	100%	IL TRM

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1106	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.55	Yes	No	4%	100%	100%	IL TRM
1107	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.44	Yes	No	40%	100%	100%	IL TRM
1108	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R38 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.43	Yes	No	47%	100%	100%	IL TRM
1109	SingleFamily & Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.55	No	Yes	0%	100%	100%	IL TRM
1110	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	2.41	No	Yes	1%	100%	100%	IL TRM
1111	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.94	No	Yes	0%	100%	100%	IL TRM
1112	SingleFamily & Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.38	No	Yes	86%	100%	100%	IL TRM
1113	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	1.00	No	Yes	13%	100%	100%	IL TRM

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1114	SingleFamily &Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.46	Yes	Yes	0%	100%	100%	IL TRM
1115	SingleFamily &Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.71	Yes	Yes	1%	100%	100%	IL TRM
1116	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.58	Yes	Yes	0%	100%	100%	IL TRM
1117	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.41	Yes	Yes	86%	100%	100%	IL TRM
1118	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	0.30	Yes	Yes	13%	100%	100%	IL TRM
1119	SingleFamily &Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.24	#N/A	No	0%	100%	100%	IL TRM
1120	SingleFamily &Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.37	#N/A	No	1%	100%	100%	IL TRM
1121	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.30	#N/A	No	0%	100%	100%	IL TRM

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1122	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.21	#N/A	No	86%	100%	100%	IL TRM
1123	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	0.15	#N/A	No	13%	100%	100%	IL TRM
1124	SingleFamily &Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	0.12	#N/A	No	0%	100%	100%	IL TRM
1125	SingleFamily &Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	0.19	#N/A	No	1%	100%	100%	IL TRM
1126	SingleFamily &Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	0.15	#N/A	No	0%	100%	100%	IL TRM
1127	SingleFamily &Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	0.11	#N/A	No	86%	100%	100%	IL TRM
1128	SingleFamily &Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	0.08	#N/A	No	13%	100%	100%	IL TRM
1129	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	3.74	#N/A	No	5%	100%	100%	IL TRM

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1130	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.14	#N/A	No	4%	100%	100%	IL TRM
1131	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	4.14	#N/A	No	4%	100%	100%	IL TRM
1132	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	3.58	#N/A	No	40%	100%	100%	IL TRM
1133	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	0 to 3 inches of ceiling/attic insulation	Retrofit	3.57	#N/A	No	47%	100%	100%	IL TRM
1134	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	3.40	#N/A	No	5%	100%	100%	IL TRM
1135	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	3.65	#N/A	No	4%	100%	100%	IL TRM
1136	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	3.62	#N/A	No	4%	100%	100%	IL TRM
1137	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	3.35	#N/A	No	40%	100%	100%	IL TRM

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1138	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	4 to 6 inches of ceiling/attic insulation	Retrofit	3.35	#N/A	No	47%	100%	100%	IL TRM
1139	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	3.91	#N/A	No	5%	100%	100%	IL TRM
1140	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.04	#N/A	No	4%	100%	100%	IL TRM
1141	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	4.03	#N/A	No	4%	100%	100%	IL TRM
1142	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	3.88	#N/A	No	40%	100%	100%	IL TRM
1143	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	7 to 10 inches of ceiling/attic insulation	Retrofit	3.88	#N/A	No	47%	100%	100%	IL TRM
1144	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	6.44	#N/A	No	5%	100%	100%	IL TRM
1145	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	6.51	#N/A	No	4%	100%	100%	IL TRM

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1146	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	6.50	#N/A	No	4%	100%	100%	IL TRM
1147	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	6.43	#N/A	No	40%	100%	100%	IL TRM
1148	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	10+ inches of ceiling/attic insulation	Retrofit	6.43	#N/A	No	47%	100%	100%	IL TRM
1149	SingleFamily & Duplex	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	0.08	#N/A	No	0%	100%	100%	IL TRM
1150	SingleFamily & Duplex	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	0.12	#N/A	No	1%	100%	100%	IL TRM
1151	SingleFamily & Duplex	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	0.10	#N/A	No	0%	100%	100%	IL TRM
1152	SingleFamily & Duplex	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	0.07	#N/A	No	86%	100%	100%	IL TRM
1153	SingleFamily & Duplex	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	0.05	#N/A	No	13%	100%	100%	IL TRM

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1154	Multifamily	Heat Pump	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	6.41	#N/A	Yes	5%	100%	100%	IL TRM
1155	Multifamily	AC/Electric Resistance Heat	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	6.45	#N/A	Yes	4%	100%	100%	IL TRM
1156	Multifamily	Electric Resistance Heat/No CAC	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	6.45	#N/A	Yes	4%	100%	100%	IL TRM
1157	Multifamily	AC/Gas Heat	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	6.40	#N/A	Yes	40%	100%	100%	IL TRM
1158	Multifamily	Gas Heat (No AC)	Shell	Wall and Ceiling/Attic Insulation	R60 Ceiling/Attic Insulation	R49 Ceiling/Attic Insulation	New Construction	6.40	#N/A	Yes	47%	100%	100%	IL TRM
1159	All	Electric Heating	Appliances	CEE Tier 1 and ENERGY STAR V3.0 Room Air Conditioner	CEE Tier 1 and ENERGY STAR V3.0 without louvered sides and reverse cycle < 14000 Btu/h	ENERGY STAR V 2.0 without louvered sides and reverse cycle < 14000 Btu/h	Time of Sale	0.67	#N/A	No	6%	30%	100%	IL TRM

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1160	All	Electric Heating	Appliances	CEE Tier 1 and ENERGY STAR V3.0 Room Air Conditioner	CEE Tier 1 and ENERGY STAR V3.0 without louvered sides and reverse cycle < 14000 Btu/h	ENERGY STAR V 2.0 without louvered sides and reverse cycle < 14000 Btu/h	New Construction	0.67	#N/A	Yes	6%	30%	100%	IL TRM
1161	All	Gas Heating	Appliances	CEE Tier 1 and ENERGY STAR V3.0 Room Air Conditioner	CEE Tier 1 and ENERGY STAR V3.0 without louvered sides and reverse cycle < 14000 Btu/h	ENERGY STAR V 2.0 without louvered sides and reverse cycle < 14000 Btu/h	Time of Sale	0.67	#N/A	No	94%	30%	100%	IL TRM
1162	All	Gas Heating	Appliances	CEE Tier 1 and ENERGY STAR V3.0 Room Air Conditioner	CEE Tier 1 and ENERGY STAR V3.0 without louvered sides and reverse cycle < 14000 Btu/h	ENERGY STAR V 2.0 without louvered sides and reverse cycle < 14000 Btu/h	New Construction	0.67	#N/A	Yes	94%	30%	100%	IL TRM
1163	Multifamily	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 15	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	2.20	#N/A	No	4%	100%	100%	IL TRM

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1164	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 15	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	2.24	#N/A	No	1%	100%	100%	IL TRM
1165	Multifamily	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 16	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	2.06	#N/A	No	4%	100%	100%	IL TRM
1166	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 16	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	2.09	#N/A	No	1%	100%	100%	IL TRM
1167	Multifamily	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 17	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	1.94	#N/A	No	4%	100%	100%	IL TRM
1168	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 17	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	1.96	#N/A	No	1%	100%	100%	IL TRM
1169	Multifamily	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 18	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	1.82	#N/A	No	4%	100%	100%	IL TRM

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1170	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Air Source Heat Pump	SEER 18	Existing electric resistance with AC/dual baseline = heat pump	Early Replacement	1.85	#N/A	No	1%	100%	100%	IL TRM
1171	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 15	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	1.62	#N/A	Yes	5%	100%	100%	IL TRM
1172	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 15	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	1.64	#N/A	Yes	0%	100%	100%	IL TRM
1173	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 16	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.10	#N/A	Yes	5%	100%	100%	IL TRM
1174	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 16	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.14	#N/A	Yes	0%	100%	100%	IL TRM
1175	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 17	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.51	#N/A	Yes	5%	100%	100%	IL TRM
1176	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 17	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.57	#N/A	Yes	0%	100%	100%	IL TRM

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1177	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 18	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.87	#N/A	Yes	5%	100%	100%	IL TRM
1178	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 18	Federal minimum SEER14 and HSPF 8.2 equipment	New Construction	2.93	#N/A	Yes	0%	100%	100%	IL TRM
1179	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 15	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	1.62	#N/A	No	5%	100%	100%	IL TRM
1180	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 15	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	1.64	#N/A	No	0%	100%	100%	IL TRM
1181	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 16	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.10	#N/A	No	5%	100%	100%	IL TRM
1182	SingleFamily & Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 16	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.14	#N/A	No	0%	100%	100%	IL TRM
1183	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 17	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.51	#N/A	No	5%	100%	100%	IL TRM

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1184	SingleFamily &Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 17	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.57	#N/A	No	0%	100%	100%	IL TRM
1185	Multifamily	Heat Pump	HVAC	Air Source Heat Pump	SEER 18	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.87	#N/A	No	5%	100%	100%	IL TRM
1186	SingleFamily &Duplex	Heat Pump	HVAC	Air Source Heat Pump	SEER 18	Federal minimum SEER14 and HSPF 8.2 equipment	Time of Sale	2.93	#N/A	No	0%	100%	100%	IL TRM
1187	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Existing air source heat pump	Early Replacement	0.70	#N/A	No	5%	100%	64%	IL TRM
1188	SingleFamily &Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Existing air source heat pump	Early Replacement	0.71	#N/A	No	0%	100%	64%	IL TRM
1189	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Existing AC, electric heating	Early Replacement	1.14	#N/A	No	4%	100%	64%	IL TRM
1190	SingleFamily &Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Closed Loop	Existing AC, electric heating	Early Replacement	1.22	#N/A	No	1%	100%	64%	IL TRM
1191	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.53	#N/A	No	5%	100%	64%	IL TRM

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1192	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.53	#N/A	No	0%	100%	64%	IL TRM
1193	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.44	#N/A	Yes	5%	100%	64%	IL TRM
1194	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.44	#N/A	Yes	0%	100%	64%	IL TRM
1195	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.69	#N/A	No	4%	100%	64%	IL TRM
1196	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Federal standard central AC, electric resistance heating	Time of Sale	4.03	#N/A	No	1%	100%	64%	IL TRM
1197	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Federal standard central AC, electric resistance heating	New Construction	3.56	#N/A	Yes	4%	100%	64%	IL TRM
1198	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Federal standard central AC, electric resistance heating	New Construction	3.69	#N/A	Yes	1%	100%	64%	IL TRM
1199	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Existing air source heat pump	Early Replacement	0.72	#N/A	No	5%	100%	64%	IL TRM

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1200	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Existing air source heat pump	Early Replacement	0.73	#N/A	No	0%	100%	64%	IL TRM
1201	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Existing AC, electric heating	Early Replacement	1.15	#N/A	No	4%	100%	64%	IL TRM
1202	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to air - Open Loop	Existing AC, electric heating	Early Replacement	1.24	#N/A	No	1%	100%	64%	IL TRM
1203	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.37	#N/A	No	5%	100%	64%	IL TRM
1204	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.37	#N/A	No	0%	100%	64%	IL TRM
1205	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.53	#N/A	Yes	5%	100%	64%	IL TRM
1206	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.53	#N/A	Yes	0%	100%	64%	IL TRM

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1207	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.39	#N/A	No	4%	100%	64%	IL TRM
1208	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.42	#N/A	No	1%	100%	64%	IL TRM
1209	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Federal standard central AC, electric resistance heating	New Construction	3.69	#N/A	Yes	4%	100%	64%	IL TRM
1210	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Federal standard central AC, electric resistance heating	New Construction	4.03	#N/A	Yes	1%	100%	64%	IL TRM
1211	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Existing air source heat pump	Early Replacement	0.81	#N/A	No	5%	100%	64%	IL TRM
1212	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Existing air source heat pump	Early Replacement	0.82	#N/A	No	0%	100%	64%	IL TRM
1213	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Existing AC, electric heating	Early Replacement	1.19	#N/A	No	4%	100%	64%	IL TRM

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1214	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Closed Loop	Existing AC, electric heating	Early Replacement	1.33	#N/A	No	1%	100%	64%	IL TRM
1215	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.53	#N/A	No	5%	100%	64%	IL TRM
1216	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	Time of Sale	0.54	#N/A	No	0%	100%	64%	IL TRM
1217	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.37	#N/A	Yes	5%	100%	64%	IL TRM
1218	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	SEER 14, HSPF 8.2, 11.8 EER ASHP	New Construction	0.37	#N/A	Yes	0%	100%	64%	IL TRM
1219	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.66	#N/A	No	4%	100%	64%	IL TRM
1220	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Federal standard central AC, electric resistance heating	Time of Sale	3.80	#N/A	No	1%	100%	64%	IL TRM
1221	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Federal standard central AC, electric resistance heating	New Construction	3.39	#N/A	Yes	4%	100%	64%	IL TRM

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1222	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Federal standard central AC, electric resistance heating	New Construction	3.42	#N/A	Yes	1%	100%	64%	IL TRM
1223	Multifamily	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Existing air source heat pump	Early Replacement	0.64	#N/A	No	5%	100%	64%	IL TRM
1224	SingleFamily & Duplex	Heat Pump	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Existing air source heat pump	Early Replacement	0.66	#N/A	No	0%	100%	64%	IL TRM
1225	Multifamily	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Existing AC, electric heating	Early Replacement	1.14	#N/A	No	4%	100%	64%	IL TRM
1226	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ground Source Heat Pump	ENERGY STAR Water to water - Open Loop	Existing AC, electric heating	Early Replacement	1.17	#N/A	No	1%	100%	64%	IL TRM
1227	SingleFamily & Duplex	Heat Pump	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.38	#N/A	No	0%	100%	98%	IL TRM
1228	Multifamily	Heat Pump	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.24	#N/A	No	5%	100%	98%	IL TRM
1229	SingleFamily & Duplex	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.77	#N/A	No	0%	100%	98%	IL TRM

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1230	Multifamily	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.50	#N/A	No	4%	100%	98%	IL TRM
1231	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	1.10	#N/A	Yes	1%	100%	98%	IL TRM
1232	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	0.71	#N/A	No	4%	100%	98%	IL TRM
1233	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	1.14	#N/A	Yes	1%	100%	98%	IL TRM
1234	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	0.74	#N/A	No	4%	100%	98%	IL TRM
1235	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.94	#N/A	Yes	1%	100%	98%	IL TRM

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1236	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1.5-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.61	#N/A	No	4%	100%	98%	IL TRM
1237	SingleFamily & Duplex	Heat Pump	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump	Existing ducted ASHP	Retrofit	0.08	#N/A	No	0%	100%	98%	IL TRM
1238	SingleFamily & Duplex	Heat Pump	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.32	#N/A	No	0%	100%	98%	IL TRM
1239	Multifamily	Heat Pump	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.20	#N/A	No	5%	100%	98%	IL TRM
1240	SingleFamily & Duplex	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.65	#N/A	No	0%	100%	98%	IL TRM
1241	Multifamily	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.42	#N/A	No	4%	100%	98%	IL TRM
1242	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	0.92	#N/A	Yes	1%	100%	98%	IL TRM

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1243	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	0.60	#N/A	No	4%	100%	98%	IL TRM
1244	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	0.96	#N/A	Yes	1%	100%	98%	IL TRM
1245	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	0.62	#N/A	No	4%	100%	98%	IL TRM
1246	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.79	#N/A	Yes	1%	100%	98%	IL TRM
1247	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	1-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.51	#N/A	No	4%	100%	98%	IL TRM
1248	SingleFamily & Duplex	Heat Pump	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.34	#N/A	No	0%	100%	98%	IL TRM

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1249	Multifamily	Heat Pump	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing ducted ASHP	Retrofit	0.22	#N/A	No	5%	100%	98%	IL TRM
1250	SingleFamily & Duplex	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.66	#N/A	No	0%	100%	98%	IL TRM
1251	Multifamily	Electric Resistance Heat/No CAC	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating (no AC)	Retrofit	0.43	#N/A	No	4%	100%	98%	IL TRM
1252	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	1.03	#N/A	Yes	1%	100%	98%	IL TRM
1253	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with PTAC/PTHP	Retrofit	0.66	#N/A	No	4%	100%	98%	IL TRM
1254	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	1.08	#N/A	Yes	1%	100%	98%	IL TRM
1255	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with room AC	Retrofit	0.70	#N/A	No	4%	100%	98%	IL TRM

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1256	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.85	#N/A	Yes	1%	100%	98%	IL TRM
1257	Multifamily	AC/Electric Resistance Heat	HVAC	Ductless Heat Pump	2-Ton Ductless Heat Pump (first installed in home)	Existing electric resistance heating with SPVAC/SPV HP < 65kBtu/hr	Retrofit	0.55	#N/A	No	4%	100%	98%	IL TRM
1258	SingleFamily & Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Time of Sale	1.31	#N/A	Yes	8%	100%	100%	IL TRM
1259	SingleFamily & Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	New Construction	1.31	#N/A	Yes	8%	100%	100%	IL TRM
1260	SingleFamily & Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Retrofit	0.83	#N/A	No	8%	100%	100%	IL TRM
1261	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Time of Sale	0.89	#N/A	Yes	20%	100%	100%	IL TRM
1262	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	New Construction	0.89	#N/A	Yes	20%	100%	100%	IL TRM

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1263	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Retrofit	0.57	#N/A	No	20%	100%	100%	IL TRM
1264	SingleFamily & Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Time of Sale	1.45	#N/A	Yes	1%	100%	100%	IL TRM
1265	SingleFamily & Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	New Construction	1.45	#N/A	Yes	1%	100%	100%	IL TRM
1266	SingleFamily & Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Retrofit	0.92	#N/A	No	1%	100%	100%	IL TRM
1267	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Time of Sale	1.00	#N/A	Yes	4%	100%	100%	IL TRM
1268	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	New Construction	1.00	#N/A	Yes	4%	100%	100%	IL TRM
1269	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.0	Electric Water Heater	Retrofit	0.63	#N/A	No	4%	100%	100%	IL TRM

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1270	SingleFamily &Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Time of Sale	1.32	#N/A	Yes	8%	100%	100%	IL TRM
1271	SingleFamily &Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	New Construction	1.32	#N/A	Yes	8%	100%	100%	IL TRM
1272	SingleFamily &Duplex	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Retrofit	0.88	#N/A	No	8%	100%	100%	IL TRM
1273	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Time of Sale	0.89	#N/A	Yes	20%	100%	100%	IL TRM
1274	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	New Construction	0.89	#N/A	Yes	20%	100%	100%	IL TRM
1275	Multifamily	Electric DHW w/Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Retrofit	0.59	#N/A	No	20%	100%	100%	IL TRM
1276	SingleFamily &Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Time of Sale	1.45	#N/A	Yes	1%	100%	100%	IL TRM
1277	SingleFamily &Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	New Construction	1.45	#N/A	Yes	1%	100%	100%	IL TRM

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1278	SingleFamily & Duplex	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Retrofit	0.97	#N/A	No	1%	100%	100%	IL TRM
1279	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Time of Sale	1.00	#N/A	Yes	4%	100%	100%	IL TRM
1280	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	New Construction	1.00	#N/A	Yes	4%	100%	100%	IL TRM
1281	Multifamily	Electric DHW w/Non-Electric Heating Rate	Hot Water	Heat Pump Water Heaters	Heat Pump Water Heater EF 2.35	Electric Water Heater	Retrofit	0.66	#N/A	No	4%	100%	100%	IL TRM
1282	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	1.93% Energy-Use Reduction	Legacy Program Participants - currently receiving HER	Retrofit	6.97	#N/A	Yes	98%	100%	100%	ICF
1283	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	1.93% Energy-Use Reduction	Legacy Program Participants - currently receiving HER	Retrofit	3.18	#N/A	Yes	87%	100%	100%	ICF
1284	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	1.93% Energy-Use Reduction	Legacy Program Participants - currently receiving HER	Retrofit	16.15	#N/A	Yes	2%	100%	100%	ICF

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1285	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	1.93% Energy-Use Reduction	Legacy Program Participants - currently receiving HER	Retrofit	7.50	#N/A	Yes	13%	100%	100%	ICF
1286	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - first year	Retrofit	5.32	#N/A	Yes	98%	100%	100%	ICF
1287	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - first year	Retrofit	2.43	#N/A	Yes	87%	100%	100%	ICF
1288	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - first year	Retrofit	12.33	#N/A	Yes	2%	100%	100%	ICF

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1289	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - first year	Retrofit	5.73	#N/A	Yes	13%	100%	100%	ICF
1290	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - second year	Retrofit	7.46	#N/A	Yes	98%	100%	100%	ICF
1291	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - second year	Retrofit	3.40	#N/A	Yes	87%	100%	100%	ICF
1292	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - second year	Retrofit	17.27	#N/A	Yes	2%	100%	100%	ICF

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1293	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2017	6% Expansion Program Participant in 2017 - second year	Retrofit	8.02	#N/A	Yes	13%	100%	100%	ICF
1294	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020- first year	Retrofit	5.32	#N/A	Yes	98%	100%	100%	ICF
1295	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020- first year	Retrofit	2.43	#N/A	Yes	87%	100%	100%	ICF
1296	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020- first year	Retrofit	12.33	#N/A	Yes	2%	100%	100%	ICF

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1297	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020-first year	Retrofit	5.73	#N/A	Yes	13%	100%	100%	ICF
1298	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020-second year	Retrofit	7.46	#N/A	Yes	98%	100%	100%	ICF
1299	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020-second year	Retrofit	3.40	#N/A	Yes	87%	100%	100%	ICF
1300	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020-second year	Retrofit	17.27	#N/A	Yes	2%	100%	100%	ICF

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1301	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2020	6% Expansion Program Participant in 2020-second year	Retrofit	8.02	#N/A	Yes	13%	100%	100%	ICF
1302	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-first year	Retrofit	5.32	#N/A	Yes	98%	100%	100%	ICF
1303	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-first year	Retrofit	2.43	#N/A	Yes	87%	100%	100%	ICF
1304	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-first year	Retrofit	12.33	#N/A	Yes	2%	100%	100%	ICF

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1305	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-first year	Retrofit	5.73	#N/A	Yes	13%	100%	100%	ICF
1306	SingleFamily & Duplex	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-second year	Retrofit	7.46	#N/A	Yes	98%	100%	100%	ICF
1307	Multifamily	Gas Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-second year	Retrofit	3.40	#N/A	Yes	87%	100%	100%	ICF
1308	SingleFamily & Duplex	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-second year	Retrofit	17.27	#N/A	Yes	2%	100%	100%	ICF

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1309	Multifamily	Electric Heating	Other	Residential Mailed Home Energy Report (HER)	Average Behavioral Whole-house Energy-Use Reduction of Expansion Participant in 2023	Expansion Program Participant in 2023 - remaining customers-second year	Retrofit	8.02	#N/A	Yes	13%	100%	100%	ICF
1310	SingleFamily & Duplex	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	Legacy Program Participants - currently enrolled in C3 platform w/eHER	Retrofit	7.30	#N/A	No	98%	100%	100%	ICF
1311	Multifamily	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	Legacy Program Participants - currently opt-in C3 platform w/eHER	Retrofit	3.33	#N/A	No	87%	100%	100%	ICF
1312	SingleFamily & Duplex	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	Legacy Program Participants - currently opt-in C3 platform w/eHER	Retrofit	16.91	#N/A	No	2%	100%	100%	ICF
1313	Multifamily	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	Legacy Program Participants - currently opt-in C3 platform w/eHER	Retrofit	7.85	#N/A	No	13%	100%	100%	ICF

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1314	SingleFamily & Duplex	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - first 3 years	Retrofit	13.73	#N/A	Yes	98%	100%	100%	ICF
1315	Multifamily	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - first 3 years	Retrofit	6.27	#N/A	Yes	87%	100%	100%	ICF
1316	SingleFamily & Duplex	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - first 3 years	Retrofit	31.81	#N/A	Yes	2%	100%	100%	ICF
1317	Multifamily	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - first 3 years	Retrofit	14.77	#N/A	Yes	13%	100%	100%	ICF
1318	SingleFamily & Duplex	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - Year 4th and after	Retrofit	7.30	#N/A	Yes	98%	100%	100%	ICF

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1319	Multifamily	Gas Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - Year 4th and after	Retrofit	3.33	#N/A	Yes	87%	100%	100%	ICF
1320	SingleFamily & Duplex	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - Year 4th and after	Retrofit	16.91	#N/A	Yes	2%	100%	100%	ICF
1321	Multifamily	Electric Heating	Other	Residential Web-based Platform with eHER	Energy-Use Reduction	New Customers enroll to Web-based Platform with eHER - Year 4th and after	Retrofit	7.85	#N/A	Yes	13%	100%	100%	ICF
1322	All	Gas Heating	Other	Smart WiFi Thermostat	Smart WiFi Thermostat	Non-programmable Thermostat	Retrofit	0.86	#N/A	Yes	94%	100%	100%	ICF
1323	All	Gas Heating	Other	Connected homes - Old Remove	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.00	#N/A	No	94%	100%	100%	ICF

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1324	SingleFamily &Duplex	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.86	#N/A	Yes	2%	100%	100%	ICF
1325	Multifamily	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.12	#N/A	Yes	13%	100%	100%	ICF
1326	SingleFamily &Duplex	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.86	#N/A	Yes	2%	100%	100%	ICF
1327	Multifamily	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.12	#N/A	Yes	13%	100%	100%	ICF
1328	SingleFamily &Duplex	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.86	#N/A	Yes	98%	100%	100%	ICF

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1329	Multifamily	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.52	#N/A	Yes	87%	100%	100%	ICF
1330	SingleFamily & Duplex	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.86	#N/A	Yes	98%	100%	100%	ICF
1331	Multifamily	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.52	#N/A	Yes	87%	100%	100%	ICF
1332	SingleFamily & Duplex	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.86	#N/A	Yes	2%	100%	100%	ICF
1333	Multifamily	Electric Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.12	#N/A	Yes	13%	100%	100%	ICF

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1334	SingleFamily &Duplex	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.27	#N/A	Yes	0%	100%	100%	ICF
1335	Multifamily	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.74	#N/A	Yes	5%	100%	100%	ICF
1336	SingleFamily &Duplex	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.27	#N/A	Yes	0%	100%	100%	ICF
1337	Multifamily	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.74	#N/A	Yes	5%	100%	100%	ICF
1338	SingleFamily &Duplex	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.68	#N/A	Yes	98%	100%	100%	ICF

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1339	Multifamily	Gas Heating	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.44	#N/A	Yes	87%	100%	100%	ICF
1340	SingleFamily & Duplex	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	1.27	#N/A	Yes	0%	100%	100%	ICF
1341	Multifamily	Heat Pump	Other	Connected homes	Connected homes = Smart WiFi Thermostat + Web-based platform with eHER	Home w/no web-based platform and non-programmable Thermostat	Retrofit	0.74	#N/A	Yes	5%	100%	100%	ICF
1342	SingleFamily & Duplex	Gas Heating	Other	Home Energy Audit & Retrofit Single Family: Tier 2	Home Energy Audit & Retrofit Single Family: Tier 2	Home Energy Audit & Retrofit Single Family: Tier 2	Retrofit	0.00	#N/A	Yes	98%	100%	100%	ICF
1343	Multifamily	Gas Heating	Other	Home Energy Audit & Retrofit Multifamily: Tier 1	0	Home Energy Audit & Retrofit Multifamily: Tier 1	Direct Install	0.00	#N/A	Yes	87%	100%	100%	ICF

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1344	SingleFamily & Duplex	Electric Heating	Other	Home Energy Audit & Retrofit Single Family: Tier 2	Home Energy Audit & Retrofit Single Family: Tier 2	Home Energy Audit & Retrofit Single Family: Tier 2	Retrofit	0.00	#N/A	Yes	2%	100%	100%	ICF
1345	Multifamily	Electric Heating	Other	Home Energy Audit & Retrofit Multifamily: Tier 1	0	Home Energy Audit & Retrofit Multifamily: Tier 1	Direct Install	0.00	#N/A	Yes	13%	100%	100%	ICF
1346	All	Gas Heating	Other	Low-Income Residential Retrofit Program - LI Post2015 savings	Program Level Average Upgrades	Low-Income Residential Retrofit Program - LI Post2015 savings	Retrofit	0.00	#N/A	Yes	94%	100%	100%	ICF
1347	All	Electric Heating	Other	Low-Income Residential Retrofit Program - LI Post2015 savings	Program Level Average Upgrades	Low-Income Residential Retrofit Program - LI Post2015 savings	Retrofit	0.00	#N/A	Yes	6%	100%	100%	ICF
1348	All	Gas Heating	Other	Public Housing Authority Efficient Living - PHAEL Post2015 savings	Program Level Average Upgrades	Public Housing Authority Efficient Living - PHAEL Post2015 savings	Retrofit	0.03	#N/A	Yes	94%	100%	100%	ICF
1349	All	Electric Heating	Other	Public Housing Authority Efficient Living - PHAEL Post2015 savings	Program Level Average Upgrades	Public Housing Authority Efficient Living - PHAEL Post2015 savings	Retrofit	0.03	#N/A	Yes	6%	100%	100%	ICF

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1350	All	Gas Heating	Other	EE Affordable Housing Construction - EEAHC Post2015 savings	Program Level Average Upgrades	EE Affordable Housing Construction - EEAHC Post2015 savings	New Construction	0.04	#N/A	Yes	94%	100%	100%	ICF
1351	All	Electric Heating	Other	EE Affordable Housing Construction - EEAHC Post2015 savings	Program Level Average Upgrades	EE Affordable Housing Construction - EEAHC Post2015 savings	New Construction	0.04	#N/A	Yes	6%	100%	100%	ICF
1352	All	Gas Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	7.05	#N/A	No	94%	100%	47%	IL TRM
1353	All	Electric Heating	Lighting	Omnidirectional A-type LED lamps	37.2 W LED installed in year 2019	Pre 2020 lamp of 72W; switching to 45.4W EISA post-2020 compliant lamp	Time of Sale	6.64	#N/A	No	6%	100%	47%	IL TRM
1354	All	Gas Heating	Other	Pool Pumps	Single Speed High Efficiency Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	10.18	#N/A	Yes	94%	6%	87%	ICF
1355	All	Electric Heating	Other	Pool Pumps	Single Speed High Efficiency Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	10.18	#N/A	Yes	6%	6%	87%	ICF

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1356	All	Gas Heating	Other	Pool Pumps	Two Speed High Efficiency Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	3.01	#N/A	Yes	94%	6%	87%	ICF
1357	All	Electric Heating	Other	Pool Pumps	Two Speed High Efficiency Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	3.01	#N/A	Yes	6%	6%	87%	ICF
1358	All	Gas Heating	Other	Pool Pumps	VFD on Swimming Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	3.49	#N/A	Yes	94%	6%	87%	ICF
1359	All	Electric Heating	Other	Pool Pumps	VFD on Swimming Pool Pump	Baseline Pool Pump as specified in Ameren MO	Retrofit	3.49	#N/A	Yes	6%	6%	87%	ICF
1360	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 4.0 TV + 20% (21-30")	Time of Sale	14.82	#N/A	No	6%	100%	100%	ICF
1361	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 4.0 TV + 20% (31-40")	Time of Sale	22.16	#N/A	No	6%	100%	100%	ICF
1362	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 4.0 TV + 20% (41-50")	Time of Sale	33.01	#N/A	No	6%	100%	100%	ICF
1363	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 4.0 TV + 20% (51-60")	Time of Sale	50.21	#N/A	No	6%	100%	100%	ICF

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1364	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 4.0 TV + 20% (>60")	Time of Sale	79.10	#N/A	No	6%	100%	100%	ICF
1365	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 4.0 TV + 35% (21-30")	Time of Sale	15.15	#N/A	No	6%	100%	100%	ICF
1366	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 4.0 TV + 35% (31-40")	Time of Sale	22.47	#N/A	No	6%	100%	100%	ICF
1367	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 4.0 TV + 35% (41-50")	Time of Sale	33.35	#N/A	No	6%	100%	100%	ICF
1368	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 4.0 TV + 35% (51-60")	Time of Sale	50.55	#N/A	No	6%	100%	100%	ICF
1369	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 4.0 TV + 35% (>60")	Time of Sale	79.44	#N/A	No	6%	100%	100%	ICF
1370	All	Electric Heating	Electronics	ENERGY STAR + 10% Display	ENERGY STAR + 10% Display	ENERGY STAR Display	Time of Sale	5.06	#N/A	No	6%	100%	100%	ICF
1371	All	Electric Heating	Electronics	ENERGY STAR + 30% Display	ENERGY STAR + 30% Display	ENERGY STAR Display	Time of Sale	7.77	#N/A	No	6%	100%	100%	ICF

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1372	All	Electric Heating	Consumer Electronics	ENERGY STAR + 50 % Display	ENERGY STAR + 50 % Display	ENERGY STAR Display	Time of Sale	10.48	#N/A	No	6%	100%	100%	ICF
1373	All	Electric Heating	Consumer Electronics	ENERGY STAR PC	ENERGY STAR PC	Conventional PC	Time of Sale	16.22	#N/A	No	6%	100%	54%	ICF
1374	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 4.0 TV + 20% (21-30")	Time of Sale	14.82	#N/A	No	94%	100%	100%	ICF
1375	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 4.0 TV + 20% (31-40")	Time of Sale	22.16	#N/A	No	94%	100%	100%	ICF
1376	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 4.0 TV + 20% (41-50")	Time of Sale	33.01	#N/A	No	94%	100%	100%	ICF
1377	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 4.0 TV + 20% (51-60")	Time of Sale	50.21	#N/A	No	94%	100%	100%	ICF
1378	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 4.0 TV + 20% (>60")	Time of Sale	79.10	#N/A	No	94%	100%	100%	ICF
1379	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 4.0 TV + 35% (21-30")	Time of Sale	15.15	#N/A	No	94%	100%	100%	ICF

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Appendix D: Residential Measure Assumptions

Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1380	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 4.0 TV + 35% (31-40")	Time of Sale	22.47	#N/A	No	94%	100%	100%	ICF
1381	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 4.0 TV + 35% (41-50")	Time of Sale	33.35	#N/A	No	94%	100%	100%	ICF
1382	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 4.0 TV + 35% (51-60")	Time of Sale	50.55	#N/A	No	94%	100%	100%	ICF
1383	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 4.0 TV + 35% (>60")	Time of Sale	79.44	#N/A	No	94%	100%	100%	ICF
1384	All	Gas Heating	Electronics	ENERGY STAR + 10% Display	ENERGY STAR + 10% Display	ENERGY STAR Display	Time of Sale	5.06	#N/A	No	94%	100%	100%	ICF
1385	All	Gas Heating	Electronics	ENERGY STAR + 30% Display	ENERGY STAR + 30% Display	ENERGY STAR Display	Time of Sale	7.77	#N/A	No	94%	100%	100%	ICF
1386	All	Gas Heating	Consumer Electronics	ENERGY STAR + 50% Display	ENERGY STAR + 50% Display	ENERGY STAR Display	Time of Sale	10.48	#N/A	No	94%	100%	100%	ICF
1387	All	Gas Heating	Consumer Electronics	ENERGY STAR PC	ENERGY STAR PC	Conventional PC	Time of Sale	16.22	#N/A	No	94%	100%	54%	ICF

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1388	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 4.0 TV + 20% (21-30")	New Construction	14.82	#N/A	No	6%	100%	100%	ICF
1389	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 4.0 TV + 20% (31-40")	New Construction	22.16	#N/A	No	6%	100%	100%	ICF
1390	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 4.0 TV + 20% (41-50")	New Construction	33.01	#N/A	No	6%	100%	100%	ICF
1391	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 4.0 TV + 20% (51-60")	New Construction	50.21	#N/A	No	6%	100%	100%	ICF
1392	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 4.0 TV + 20% (>60")	New Construction	79.10	#N/A	No	6%	100%	100%	ICF
1393	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 4.0 TV + 35% (21-30")	New Construction	15.15	#N/A	No	6%	100%	100%	ICF
1394	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 4.0 TV + 35% (31-40")	New Construction	22.47	#N/A	No	6%	100%	100%	ICF
1395	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 4.0 TV + 35% (41-50")	New Construction	33.35	#N/A	No	6%	100%	100%	ICF

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1396	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 4.0 TV + 35% (51-60")	New Construction	50.55	#N/A	No	6%	100%	100%	ICF
1397	All	Electric Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 4.0 TV + 35% (>60")	New Construction	79.44	#N/A	No	6%	100%	100%	ICF
1398	All	Electric Heating	Electronics	ENERGY STAR + 10% Display	ENERGY STAR + 10% Display	ENERGY STAR Display	New Construction	5.06	#N/A	No	6%	100%	100%	ICF
1399	All	Electric Heating	Electronics	ENERGY STAR + 30% Display	ENERGY STAR + 30% Display	ENERGY STAR Display	New Construction	7.77	#N/A	No	6%	100%	100%	ICF
1400	All	Electric Heating	Consumer Electronics	ENERGY STAR + 50% Display	ENERGY STAR + 50% Display	ENERGY STAR Display	New Construction	10.48	#N/A	No	6%	100%	100%	ICF
1401	All	Electric Heating	Consumer Electronics	ENERGY STAR PC	ENERGY STAR PC	Conventional PC	New Construction	16.22	#N/A	No	6%	100%	54%	ICF
1402	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 6.0 TV + 20% (21-30")	ENERGY STAR 4.0 TV + 20% (21-30")	New Construction	14.82	#N/A	No	94%	100%	100%	ICF
1403	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 6.0 TV + 20% (31-40")	ENERGY STAR 4.0 TV + 20% (31-40")	New Construction	22.16	#N/A	No	94%	100%	100%	ICF

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Measure ID	Sub-Sector	Building Type	End Use	Measure Name	Efficient Measure Definition	Baseline Definition	Measure Type	Measure TRC	Measure Included in Economic Potential Analysis	Measure Included in Achievable Potential Analysis	Applicability to Building Type*	Technical Feasibility*	Not-Yet-Adopted Rate*	References
1404	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 6.0 TV + 20% (41-50")	ENERGY STAR 4.0 TV + 20% (41-50")	New Construction	33.01	#N/A	No	94%	100%	100%	ICF
1405	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 6.0 TV + 20% (51-60")	ENERGY STAR 4.0 TV + 20% (51-60")	New Construction	50.21	#N/A	No	94%	100%	100%	ICF
1406	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 6.0 TV + 20% (>60")	ENERGY STAR 4.0 TV + 20% (>60")	New Construction	79.10	#N/A	No	94%	100%	100%	ICF
1407	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 6.0 TV + 35% (21-30")	ENERGY STAR 4.0 TV + 35% (21-30")	New Construction	15.15	#N/A	No	94%	100%	100%	ICF
1408	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 6.0 TV + 35% (31-40")	ENERGY STAR 4.0 TV + 35% (31-40")	New Construction	22.47	#N/A	No	94%	100%	100%	ICF
1409	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 6.0 TV + 35% (41-50")	ENERGY STAR 4.0 TV + 35% (41-50")	New Construction	33.35	#N/A	No	94%	100%	100%	ICF
1410	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 6.0 TV + 35% (51-60")	ENERGY STAR 4.0 TV + 35% (51-60")	New Construction	50.55	#N/A	No	94%	100%	100%	ICF
1411	All	Gas Heating	Consumer Electronics	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 6.0 TV + 35% (>60")	ENERGY STAR 4.0 TV + 35% (>60")	New Construction	79.44	#N/A	No	94%	100%	100%	ICF

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1412	All	Gas Heating	Electronics	ENERGY STAR + 10% Display	ENERGY STAR + 10% Display	ENERGY STAR Display	New Construction	5.06	#N/A	No	94%	100%	100%	ICF
1413	All	Gas Heating	Electronics	ENERGY STAR + 30% Display	ENERGY STAR + 30% Display	ENERGY STAR Display	New Construction	7.77	#N/A	No	94%	100%	100%	ICF
1414	All	Gas Heating	Consumer Electronics	ENERGY STAR + 50% Display	ENERGY STAR + 50% Display	ENERGY STAR Display	New Construction	10.48	#N/A	No	94%	100%	100%	ICF
1415	All	Gas Heating	Consumer Electronics	ENERGY STAR PC	ENERGY STAR PC	Conventional PC	New Construction	16.22	#N/A	No	94%	100%	54%	ICF
1416	SingleFamily & Duplex	AC/Electric Resistance Heat	HVAC	AC Tune-up w/iManifold device	SEER 10	Central Air Conditioning Unit	Retrofit	0.21	#N/A	No	1%	100%	100%	IL TRM
1417	SingleFamily & Duplex	AC/Gas Heat	HVAC	AC Tune-up w/iManifold device	SEER 10	Central Air Conditioning Unit	Retrofit	0.21	#N/A	No	86%	100%	100%	IL TRM
1418	Multifamily	AC/Electric Resistance Heat	HVAC	AC Tune-up w/iManifold device	SEER 10	Central Air Conditioning Unit	Retrofit	0.10	#N/A	No	4%	100%	100%	IL TRM
1419	Multifamily	AC/Gas Heat	HVAC	AC Tune-up w/iManifold device	SEER 10	Central Air Conditioning Unit	Retrofit	0.10	#N/A	No	40%	100%	100%	IL TRM

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