

2020-2023 Efficiency Plan
Efficiency Manitoba Undertaking #10

Efficiency Manitoba to provide the data to show how the numbers were reached for the average annual energy savings per home.

Response:

The average annual electric savings are determined by the measure-level projected savings estimates.

Please see the revised table for planned participation and average savings per home for the Community Geothermal Program. It is anticipated that the average savings per home remains constant throughout the 3 years of the Plan but varies when dividing annual electric savings (at generation) by the number of participating homes due to the impact of free drivers. Free drivers are claimed with the Community Geothermal Program as the presence of trained installers in the community has resulted in the installation of geothermal systems in new homes in addition to the retrofits under the program.

Planned Participation Efficiency Manitoba Community Geothermal Program	2020/21	2021/22	2022/23
Revised No. of Homes	50	85	85
Annual electric savings (GWh) (at generation)¹	.77	1.24	1.24
Avg Electric Savings per home (kW.h)	13,680	13,680	13,680

Please see the below table for planned participation and average savings per home for First Nation Insulation and Direct Install Program. It's anticipated the average savings will increase in years 2 and 3 as a result of deeper insulation retrofits. This table has not changed from the reponse given in AMC/EM I-18b.

¹ Including free drivers savings.

Planned Participation Efficiency Manitoba First Nation Insulation & Direct Install	2020-21	2021-22	2022-23
Insulation No. of Homes	50	75	80
Direct Install No. of Homes	50	75	100
Annual electric savings (GWh) (at generation)	.15	.30	.34
Participant Energy Savings (Insulation Only) - kwh	2,239	3,132	3,132
Participant Annual Energy Savings (Direct Install) - kwh	841	841	841