

APPENDIX A

MINISTRY OF CHILDREN AND YOUTH SERVICES - ANNUAL ENERGY CONSUMPTION SUMMARY 2016

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2015	875,658	46	Electricity	12,327,880.05	12,327,880.05	560.92	0.0004	8.70
2015	875,658	1,899	Natural Gas	1,828,745.88	19,293,269.05	3,473.44	0.0046	25.62
2015	875,658		Water	103,196.04				
TOTALS:				14,259,821.97	31,621,149.10	4,034.36	0.0050	34.31

MINISTRY OF CHILDREN AND YOUTH SERVICES - ANNUAL ENERGY CONSUMPTION SUMMARY 2015

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2014	875,658	42	Electricity	12,067,053.50	12,067,053.50	506.82	0.0006	13.78
2014	875,658	1,891	Natural Gas	2,153,837.73	22,722,988.05	4,072.10	0.0047	25.95
2014	875,658		Water	90,483.66				
TOTALS:				14,311,374.89	34,790,041.55	4,578.92	0.0052	39.73

MINISTRY OF CHILDREN AND YOUTH SERVICES - ANNUAL ENERGY CONSUMPTION SUMMARY From the 2014 Report

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2013	875,658	43	Electricity	13,169,683.57	13,169,683.57	566.30	0.0006	15.04
2013	875,658	1,891	Natural Gas	2,166,109.73	22,852,457.65	4,095.31	0.0047	26.10
2013	875,658		Water	85,039.52				
TOTALS:				15,420,832.82	36,022,141.22	4,661.60	0.0053	41.14

MINISTRY OF CHILDREN AND YOUTH SERVICES - ANNUAL ENERGY CONSUMPTION SUMMARY From the 2013 Report

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2012	863,200	100	Electricity	12,957,372.51	12,957,372.51	1,295.74	0.0015	15.01
2012	863,200	1,901	Natural Gas	1,997,302.90	21,071,545.63	3,796.87	0.0044	24.41
2012	863,200		Water	85,956.81				
TOTALS:				15,040,632.23	34,028,918.15	5,092.61	0.0059	39.42

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2011	863,200	100	Electricity	13,503,790.21	13,503,790.21	1,350.38	0.0016	15.64
2011	863,200	1,901	Natural Gas	2,258,382.86	23,825,939.14	4,293.19	0.0050	27.60
2011	863,200		Water	105,631.78				
TOTALS:				15,867,804.84	37,329,729.34	5,643.56	0.0065	43.25

MINISTRY OF CHILDREN AND YOUTH SERVICES - ANNUAL ENERGY CONSUMPTION SUMMARY From the 2012 Report

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2010	545,138	131	Electricity	13,629,307.37	13,629,307.37	1,787.35	0.0033	25.00

2010	545,138	1,901	Natural Gas	2,114,407.17	21,979,262.53	4,019.49	0.0074	40.32
2010	545,138		Water	118,488.94				
TOTALS:				15,862,203.48	35,608,569.90	5,806.84	0.0107	65.32

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2009	546,338	101	Electricity	12,292,478.29	12,292,478.29	1,239.45	0.0023	22.50
2009	546,338	1,901	Natural Gas	2,190,046.85	22,765,537.01	4,163.28	0.0076	41.67
2009	546,338		Water	60,709.60				
TOTALS:				14,543,234.74	35,058,015.30	5,402.73	0.0099	64.17

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2008	546,338	171	Electricity	9,155,228.45	9,155,228.45	1,566.83	0.0029	16.76
2008	546,338	1,901	Natural Gas	1,768,207.23	18,380,514.16	3,361.36	0.0062	33.64
2008	546,338		Water	54,414.39				
TOTALS:				10,977,850.07	27,535,742.61	4,928.19	0.0090	50.40

Year	Total RSF	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2007	472,344	211	Electricity	9,384,960.45	9,384,960.45	1,984.45	0.0042	19.87
2007	472,344	1,901	Natural Gas	1,689,679.03	17,564,213.52	3,212.08	0.0068	37.19
2007	472,344		Water	65,266.89				
TOTALS:				11,139,906.37	26,949,173.97	5,196.53	0.0110	57.05

Year	Total RSF (est.)	Current Emission Factor	Energy Type	Annual Total Consumption	Total Energy Consumed (ekWh)	GHG Emissions Tonnes (total)	GHG Intensity (GHG Tonnes/rsf)	Energy Intensity (ekwh/rsf)
2006	472,344	191	Electricity	9,348,661.22	9,348,661.22	1,786.90	0.0038	19.79
2006	472,344	1,901	Natural Gas	1,904,540.78	19,797,701.41	3,620.53	0.0077	41.91
2006	472,344		Water	56,354.58				
TOTALS:				11,309,556.58	29,146,362.63	5,407.44	0.0114	61.71