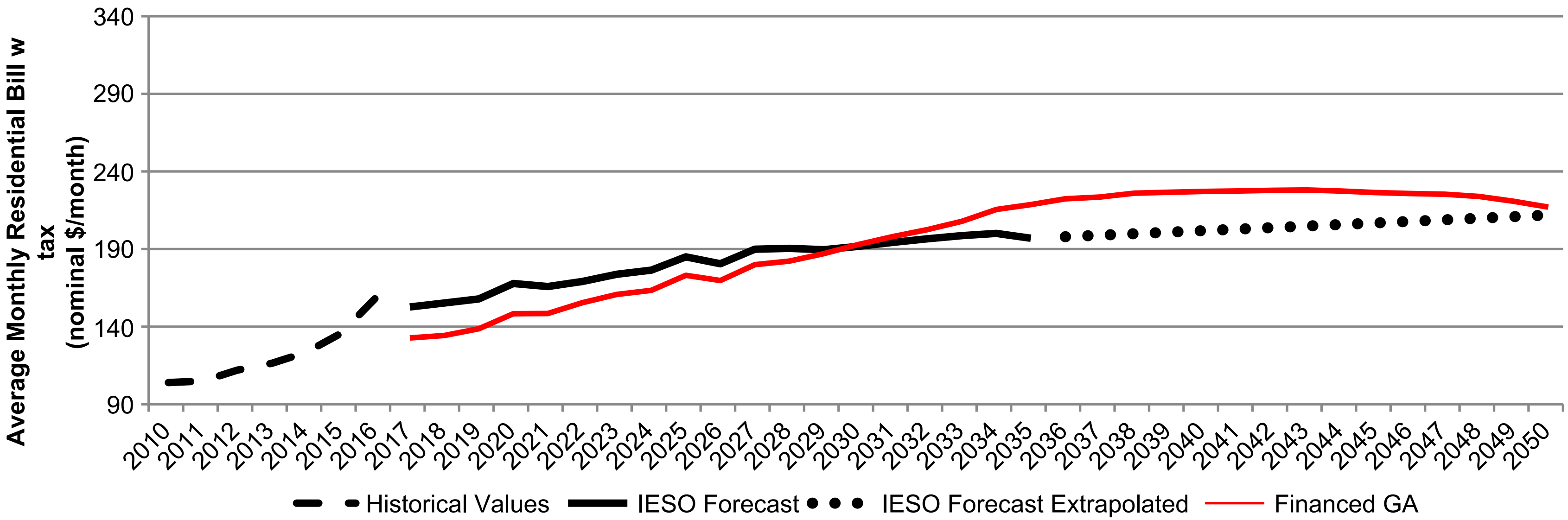
Global Adjustment (GA) Smoothing – Alternative Option

February 2017

B. Option 3: GA Smoothing for <u>RPP Eligible Only</u> (Borrow $1.6 billion in 2017, Residential Bills Lowered 19%, based on 15-year Refinancing)



	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Average Monthly Residential Bill Impact pre-tax *($/month)*	-17.7	-18.5	-17.0	-17.2	-15.4	-12.1	-11.5	-11.5	-10.5	-9.6	-8.8	-7.3	-2.3	1.0	3.3	5.2
Total Accumulated Debt *($ billion)*	1.6	3.4	5.2	6.9	8.6	10.2	11.9	13.7	15.5	17.3	19.1	20.8	22.1	23.1	23.9	24.6
Total Change in Accumulated Debt *($ billion)*	1.6	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.3	1.0	0.8	0.7

	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
Average Monthly Residential Bill Impact pre-tax *($/month)*	8.2	13.6	19.2	21.6	21.8	23.1	22.8	22.4	21.8	21.3	20.6	19.1	17.3	15.9	14.6	12.4
Total Accumulated Debt *($ billion)*	25.0	24.9	24.1	23.0	21.8	20.5	19.0	17.6	16.1	14.6	13.0	11.6	10.2	9.0	7.8	6.8
Total Change in Accumulated Debt *($ billion)*	0.4	-0.2	-0.8	-1.1	-1.2	-1.4	-1.4	-1.5	-1.5	-1.5	-1.5	-1.5	-1.3	-1.3	-1.2	-1.0

Notes: Assumes financing of all non-nuclear IESO contracts for an additional 15 years beyond the life of each contract and 15 year financing of the conservation cost in any given year. Assumes a nominal interest rate of 5% (compounded monthly). IESO forecast is based on IESO's revised OPO forecast as of December 2016. Includes the cancellation of LRP II and EFW, expansion of ICI. Does not include smoothed OPG rates. Above residential bill is based on a 750 kWh per month Toronto Hydro customer.

B. Option 3: GA Smoothing for RPP Eligible Only – Residential Bills Lowered 19% (with Tax-Base Funded 8% Rebate and Social Programs)

- Total bill below is based on a revised IESO forecast. See footnotes for more information.

Residential (750 kWh/month)	Actual 2016	2017	2018	2019	2020	2021
Total Bill (includes HST)	**158**	**164**	**167**	**170**	**181**	**178**
Total Bill (excludes HST)	140	145	148	150	160	158
Impact of GA Financing		-17	-18	-16	-16	-14
Impact of Tax-Basing Social Programs		-2	-2	-2	-3	-3
Subtotal		126	128	132	141	141
8% rebate		-10	-10	-11	-11	-11
HST		16	17	17	18	18
Revised Bill (includes HST)	**158**	**133**	**134**	**139**	**148**	**148**
Year-over-Year Change		-16%	1%	3%	7%	0%
Change from Forecast		-19%	-20%	-18%	-18%	-17%

Commercial & Small Industrial ($/MWh)	Actual 2016	2017	2018	2019	2020	2021
Class B Total (excludes HST)	**160**	**165**	**160**	**162**	**173**	**169**
Class B Revised Total (excludes HST)	**160**	**162**	**157**	**159**	**170**	**166**
Year-over-Year Change		1%	-3%	1%	7%	-2%
Change from Forecast		-2%	-2%	-2%	-2%	-2%

Large Industrial ($/MWh)	Actual 2016	2017	2018	2019	2020	2021
Class A Total (excludes HST)	**90**	**91**	**93**	**88**	**95**	**96**
Class A Revised Total (excludes HST)	**90**	**88**	**90**	**84**	**92**	**93**
Year-over-Year Change		-2%	2%	-6%	9%	1%
Change from Forecast		-4%	-4%	-4%	-4%	-4%

Notes: Based on IESO's revised OPO forecast as of February 2017. Includes the cancellation of LRP II and EFW, expansion of ICI. Does not include smoothed OPG rates. Above residential bill is based on a 750 kWh per month Toronto Hydro customer. Above Class B estimate based on a 1 MW customer connected to Toronto Hydro, assumes delivery charge escalates as per residential forecast. "Social programs" refers to existing RRRP and OESP. While initiatives would take several months to implement, the above estimate for 2017 reflects a full-year impact. The 8% rebate above represents savings compared to status quo due to the reduction in the sub-total from GA financing.

GA Smoothing – Fiscal Considerations

- If the proposed legal and accounting treatment of the GA financing smoothing proposal is not implemented, there could be a negative impact on the province's fiscal plan, as shown below.

- The table below shows the projected fiscal savings/costs related to the GA smoothing options considered.

Fiscal Impact ($M)	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**2021-22**
Without Proposed Legal/Accounting Treatment					
Option 1 - Bills Lowered by 25%, RPP Eligible Only*	2,534	2,668	2,942	3,420	3,183
Option 2 - Bills Lowered by 20%, RPP Eligible Only*	1,770	1,850	2,072	2,489	2,188
Option 3 (15-year re-financing) - Bills Lowered by 19%, RPP Eligible Only*	1,676	1,786	1,734	1,720	1,654

*Numerical values represent amount borrowed in indicated fiscal year plus accumulated interest from previous year's accumulated debt

Source: Ministry of Energy