1	F	RESPONSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES
2		
3	INTERF	OGATORY 7-STAFF-324
4	Refere	nce: Exhibit 7, Tab 1, Schedule 1, Pages 1-2
5		
6	Pream	ble:
7	The ser	vices weighting factor for all rate classes except CSMUR, USL, and Street Lighting has been
8	set at c	ne. For the Street Lighting and USL rate classes, the customer is required to pay for the
9	service	S.
10		
11	QUEST	ION (A):
12	a)	For customers of rate classes with a services weighting factor of one, when a connection
13		costing more than the basic allowance is required, please detail a. If the customer pays the
14		entire cost of the service, please explain why a weighting factor of one is appropriate.
15		
16	RESPO	NSE (A):
17	Where	a connection costs more than the basic connection allowance, Toronto Hydro recovers the
18	excess amount through a variable connection charge, in accordance with the Distribution System	
19	Code.	
20		
21	QUEST	ION (B):
22	b)	For all rate classes, when a service connection requires maintenance, please detail how the
23		cost is apportioned between the Toronto Hydro and the customer.
24		
25	RESPO	NSE (B):
26	Toronto Hydro bears the entirety of maintenance costs for connection assets within Toronto	
27	Hydro's	s side of the demarcation point. For projects that require expansion, maintenance costs are
28	apportioned in accordance with Appendix B of the Distribution System Code.	

1	RESPO	NSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES
2		
3	INTERROGATO	RY 7-STAFF-325
4	Reference:	Exhibit 7, Tab 1, Schedule 1, Pages 1-2
5		
6	Preamble:	
7	Toronto Hydro	indicates that the billing and collections weighting factor reflects estimates of billing
8	effort and costs	s related to each class based on the experience and expertise of Toronto Hydro's
9	billing specialis	ts.
10		
11	QUESTION:	
12	Please provide	the derivation of the billing and collections weighting factors used.
13		
14	RESPONSE:	
15	The weighting f	factors used in Sheet I5.2 of the Cost Allocation Model for Billing and Collections are
16	calculated base	d on metrics which are broadly representative of the amount of work and expertise
17	required by Bill	ing and Collections to service Toronto Hydro's customer classes. Examples of
18	metrics include	reconnections and billing adjustments. Each metric is broken out between
19	customer classe	es and is assigned a weighting based on the varying complexity of the work between
20	those customer	r classes, the level of expertise required and the time involved. Then, the results are

21 weighted against the residential customer class baseline.

1	RESPONSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES		
2			
3	INTERROGATORY 7-STAFF-326		
4	Reference: Exhibit 7, Tab 1, Schedule 1, Pages 2-3		
5			
6	Preamble:		
7	The load profiles were updated using 2019 historic actual data. Toronto Hydro states that "For the		
8	Residential, CSMUR and General Service rate classes Toronto Hydro used sample metering data		
9	sets, while entire rate class data sets were used for Unmetered Scatter Load Class ("USL") and		
10	Street Lighting rate classes."		
11			
12	QUESTION (A):		
13	a) Please indicate the sample size used for each rate class, relative to the overall customer		
14	base.		
15			
16	RESPONSE (A):		
17	Please refer to Table 1 for the sample sized used. Please note that entire rate class data sets were		
18	used for Unmetered Scatter Load Class ("USL") and Street Lighting rate classes.		
19			
20	Table 1: Sample Sizes used by Rate Class		

Rate Class	Sample Size*	Total Customer Base ¹	Sample percentage compare to total customer base
Residential	7,000	614,206	1%
CSMUR	2,500	79,882	3%
GS<50 kW	4,000	71,515	6%
GS 50-999 kW	7,500	10,444	72%
GS 1,000-4,999 kW	300	455	66%
Large Use	30	40	75%

*Please note that the sample sizes listed above are rounded

¹ As per Table 2 in Exhibit 3, Tab 1, Schedule 1

1	QUESTION (B):		
2	b) Please explain the process used to select the sample used for each rate class - e.g. random		
3	selection, stratified (based on which criteria), etc.		
4			
5	RESPONSE (B):		
6	Toronto Hydro randomly selected customers in these rate classes that were active in the year 2019		
7			
8	QUESTION (C):		
9	c) Did Toronto Hydro consider using aggregate data of all customers in any of the residential,		
10	CSMUR, or general service rate classes? If not, why not? If so, why was this option		
11	rejected?		
12			
13	RESPONSE (C):		
14	Toronto Hydro considered using aggregate data of all customers across these rate classes, but did		
15	not pursue it for all rate classes for the reasons outlined below.		
16			
17	Toronto Hydro utilized sample data through the random selection process for Residential, CSMUR		
18	and GS<50kW rate classes due to substantial data volumes. For the remaining classes (GS 50-		
19	999kW, GS 1-5MW and Large Users rate classes), only the customers with the full datasets were		
20	considered.		
21			
22	QUESTION (D):		
23	d) In using a sample of customers for general service, does this include the GS 1,000 to 4,999		
24	and Large Use rate classes, both of which contain under 500 customers?		
25	RESPONSE (D):		
26	As outlined in Table 1 above in part a) and described in part c), the sample sizes for these classes		
27	were significant, reaching 66% and 75% for GS1-5MW and Large User, respectively.		

1	QUESTION (E):		
2	e) Please explain the methodology used to perform weather normalization of the 2019 load		
3	profiles.		
4			
5	RESPONSE (E):		
6	Toronto Hydro weather normalized the 2019 load profiles by creating monthly ratios between the		
7	2019 weather normalized loads and 2019 non-weather normalized loads by rate class. Both load		
8	types are sourced from Exhibit 3. Please refer to Exhibit 3, Tab 1, Schedule 1 for details outlining		
9	Toronto Hydro's weather normalization methodology in its load forecast.		
10			
11	QUESTION (F):		
12	f) Please provide the resulting 2019 and 2025 load profiles, including any regression outputs		
13	used to weather normalize the 2019 load profiles.		
14			
15	RESPONSE (F):		
16	Please refer to Appendix A for the resulting 2019 (weather normalized) and 2025 (forecast		
17	including EV and DER) load profiles. Please refer to part e) for weather normalization details and to		
18	Exhibit 3, Tab 1, Schedule 1, Appendix B for the regression outputs.		
19			
20	QUESTION (G):		
21	g) Please explain why a single year of historical data, 2019 was used to underpin 2025 load		
22	profiles.		
23			
24	RESPONSE (G):		
25	Toronto Hydro utilized only 2019 since 2020 and 2021 were abnormal years due to the pandemic		
26	(COVID-19) as addressed in Exhibit 7, Tab 1, Schedule 1, section 1.2. This methodology is in		
27	accordance with Toronto Hydro's previous filings (EB-2018-0165 and EB-2014-0116).		

1 QUESTION (H):

2

h) As a scenario, please provide load profiles using 2023 historical actual data.

3

4 **RESPONSE (H):**

- 5 The requested analysis entails complex data extraction, data cleaning, analysis and modelling
- 6 process. Toronto Hydro does not have sufficient time to complete 2023 historical actual update
- 7 within the timelines for responding to interrogatories. 2019 is a sufficiently representative data set
- 8 of the historical load profiles.

1	RESPO	NSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES			
2					
3	INTERROGATORY 7-STAFF-327				
4	References:	Exhibit 7, Tab 1, Schedule 1, Pages 3-4			
5		Cost Allocation Model, sheet I6.1 Revenue; sheet O1 Revenue to Cost			
6					
7	Preamble:				
8	Toronto Hydro	o states that per OEB decisions EB-2014-0116 and EB-2018-0165, approved Street			
9	Lighting assets	s and operating expenses have been included in its 2025 revenue requirement. It			
10	goes on to sta	te that for the purpose of cost allocation, these assets and expenses are directly			
11	allocated 95%	to the street lighting rate class and 5% to the USL class.			
12					
13	Overall, alloca	ted costs for Street Lighting are \$26.4M, and allocated costs for USL are \$3.8M.			
14	Street Lighting	therefore reflects 87% of the revenue requirement.			
15					
16	Toronto Hydro	o states that 100% of the Street Lighting related revenue requirement is offset			
17	through a dire	ct allocation to Revenue Offsets. The Cost Allocation model indicates that			
18	\$19,377,998 c	f revenue is calculated for the street lighting rate class by multiplying existing base			
19	rates times fo	recasted volumes.			
20					
21	QUESTION (A)	:			
22	a) Please	provide the basis under which the 95% to 5% split remains appropriate ten years			
23	after i	t was first established.			
24					
25	RESPONSE (A)	:			
26	The table prov	vided shows the continuity of devices/connections for Street Lighting and USL. It is			
27	apparent that	USL connections continue to maintain the proportion around 7% which is within the			
28	5% range. For	this reason, Toronto Hydro feels the split of 95% and 5% continues to be reasonable			
29	to use.				

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Year	Street Lighting Devices	USL Connections	Total Connections/ Devices	USL / Total Connections and Devices
2015	164,011	11,954	175,965	7%
2016	164,286	12,054	176,340	7%
2017	164,541	12,211	176,751	7%
2018	164,700	12,233	176,933	7%
2019	168,723	12,181	180,905	7%
2020	170,373	12,309	182,682	7%
2021	171,187	12,505	183,692	7%
2022	171,681	12,770	184,451	7%

2

1

3

6 7

8

4 **QUESTION (B):**

b) Do these assets, used only by street lighting and USL, serve a purpose similar to a common 5 distribution asset such that the street lighting and USL rate class does not require the use of the common assets?

> If so, what steps, if any, has Toronto Hydro taken to ensure that Street Lighting i. and USL are not allocated costs associated with the common assets.

9 10

RESPONSE (B): 11

No. The street lighting and USL rate class do require the use of common assets. 12

1	RESPO	NSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES
2		
3	INTERROGATO	DRY 7-STAFF-328
4	Reference:	Exhibit 7, Tab 1, Schedule 1, Pages 6-13
5		
6	Preamble:	
7	The OEB requi	red Toronto Hydro to review the cost allocation to the CSMUR rate class. It stated
8	that "The Boa	rd expects that THESL will incorporate the distinction between the secondary and
9	primary syster	ns in future cost allocation studies." Toronto Hydro identified two areas for study,
10	customer cour	nt, as well as Line Transformer and Secondary System usage, and noted that these
11	would impact	the cost allocation model in sheets I6.2 and I8.
12		
13	Under the area	as of study, Toronto Hydro identified that in addition to CSMUR, portion of
14	customers in e	each of the Residential, GS < 50 kW rate classes occupied units a building which
15	shared connec	ctions with other customers.
16		
17	Toronto Hydro	o noted that customers could appropriately refer to customer units served, or
18	buildings serve	ed. However, in multi-unit buildings with a bulk meter, it does not have visibility to
19	the number of	units and would need to estimate the number. Using a count of buildings is
20	available.	
21		
22	Under the Line	e Transformer and Secondary System study, estimates were provided for number of
23	buildings that	rely on Toronto Hydro's line transformers, and on Toronto Hydro's secondary
24	distribution sy	stem. No estimates were provided for the number of kW served using Toronto Hydro
25	Line Transform	ners and Secondary for each of the examined rate classes.
26		
27	Impacts of using	ng the building count methodology for total customer counts, or for line transformer
28	and secondary	v system usage, or the combination of both modifications were provided.

1	QUESTION (A):			
2	a) Under the alternative line transformer and secondary approach, please indicate any			
3	updated values used in sheet 18.			
4				
5	RESPONSE (A):			
6	This is to confirm that, under the alternative line transformer and secondary approach, the			
7	updated values are used in sheet 18 of the cost allocation model.			
8				
9	QUESTION (B):			
10	b) If the values in sheet I8 were not updated, please indicate the kW required by each class			
11	for Line Transformer and Secondary under each of the 1NCP, 4NCP, and 12NCP scenarios,			
12	and please provide the impact of performing such an update.			
13				
14	RESPONSE (B):			
15	Not applicable since the values for sheet I8 were updated.			
16				
17	QUESTION (C):			
18	c) Under the alternative approach of counting units within buildings, including units served			
19	behind bulk meters, please explain how unit counts are indicative of cost causation when			
20	Toronto Hydro does not provide any service or customer interaction behind the bulk			
21	meters, and the aggregate load is already reflected in I8.			
22	i. If Toronto Hydro believes this is a suitable option for cost allocation, please provide			
23	the impacts of using this approach.			
24				
25	RESPONSE (C):			
26	The rationale for using unit count, as opposed to buildings, is that larger buildings have more units,			
27	and consequently, more units will ultimately exert a greater proportionate impact on the system at			
28	large.			

1	i.	Toronto Hydro does not believe this is a suitable option at this time, as Toronto Hydro does		
2		not have sufficiently accurately or verifiable data with respect to the number of units in		
3		buildings served by bulk meters.		
4				
5	QUESTION (D):			
6	d)	In the context of the OEB direction around incorporating the distinction between primary		
7		and secondary systems in future cost allocation studies, please explain what lead Toronto		
8		Hydro to select the status quo methodology as it's proposal for cost allocation.		
9				
10	RESPONSE (D):			
11	Please	see Exhibit 7, Tab 1, Schedule 1 at page 13. Toronto Hydro has not selected the status quo		
12	metho	dology as its proposal for cost allocation.		

1	RESPONSES TO ONTARIO ENERGY BOARD STAFF INTERROGATORIES				
2					
3	INTERROGATORY 7-STAFF-329				
4	Reference: Exhibit 7, Tab 1, Schedule 1, Page 5				
5	EB-2018-0165, Decision and Oder, December 19, 2019, Page 157				
6					
7	Preamble:				
8	The residential rate class revenue-to-cost ratio is proposed to be reduced to 100% from 102.1%,				
9	and the CSMUR rate class revenue-to-cost ratio is proposed to be reduced to 100% from 111.7%.				
10	Toronto Hydro states that "In accordance with past OEB decisions, rates in the Residential and				
11	CSMUR class are set such that the revenue to cost ratios are equal at unity.				
12					
13	In its decision, the OEB stated: "The OEB notes that the revenue-to-cost ratio for the CSMUR class				
14	was set at 100% by the OEB when the class was first established for 2012 rates (and as				
15	implemented in 2013). There are now several years of actual data for this new class that can be				
16	assessed. The OEB concludes that it is appropriate to review in Toronto Hydro's next rebasing				
17	application the characteristics of this class, and whether a range should be adopted for the				
18	revenue-to-cost ratios going forward."				
19					
20	QUESTION (A):				
21	a) Did Toronto Hydro consider adopting a range approach for revenue-to-cost ratios in the				
22	CSMUR rate class?				
23	i. If this was not considered, please explain why not.				
24	ii. If this was considered and rejected, please provide the reasons for that				
25	determination.				
26					
27	RESPONSE (A):				
28	Toronto Hydro did not consider adopting a range approach for revenue-to-cost ratios in the CSMU	R			
29	rate class in order to maintain consistency with the past decisions.				

1 **QUESTION (B):** b) Please reference the OEB decision instructing Toronto Hydro to adjust the revenue-to-cost 2 ratios for residential and CSMUR rate classes to 100% and explain why it continues to be 3 4 appropriate in this proceeding. 5 **RESPONSE (B):** 6 7 Toronto Hydro adjusted the residential rate class revenue-to-cost ratio to 100 percent in order to maintain consistency with the decision but takes no position on the issue of cost allocation.¹ 8 9 10 **QUESTION (C):** c) If a revenue-to-cost ratio range approach were to be adopted for the CSMUR, what range 11 would be most appropriate in Toronto Hydro's view? 12 13 **RESPONSE (C):** 14 Toronto Hydro is of the view that cost allocation policy, including revenue-to-cost ratios, should be 15 set by the OEB on a sector-wide basis through policy consultations, as it has done from time-to-16 time (e.g. EB-2007-0667, EB-2012-0383). While Toronto Hydro's CSMUR rate class is atypical in the 17 18 sector, the cost allocation and revenue-to-cost principles for this class should reflect as much as possible the principles developed for other classes. 19

¹ EB-2018-0165, Decision and Order, dated December 19, 2019, page 157 and EB-2010-0142, Decision and Order on Suite Metering Issues, Issued Feb 22, 2012 and as corrected March 9, 2012, page 27.

1	RESPONSES TO ENERGY PROBE RESEARCH FOUNDATION INTERROGATORIES
2	
3	INTERROGATORY 7-EP-35
4	Reference: Exhibit 7, Tab 1, Schedule 1, Page 3
5	
6	Preamble:
7	"The load profiles were scaled to the 2025 baseline load forecast based on the ratio of 2025 kWh to
8	2019 kWh by class. Resulting load profiles were modified to include electric vehicles ("EVs") and
9	distributed energy resources ("DERs") forecasted load impacts."
10	
11	QUESTION (A):
12	a) Are customers with EV chargers and customers with DER's distributed evenly throughout
13	the Toronto Hydro service area or are they concentrated in certain areas?
14	
15	RESPONSE (A):
16	Toronto Hydro does not have visibility into the geographic distribution of customers with EV
17	chargers or DER's throughout its service area.
18	
19	QUESTION (B):
20	b) What is Toronto Hydro doing to ensure that customers in lower income areas who do
21	not own EV chargers and DER's are not allocated costs that are caused by customers in
22	higher income areas who own EV chargers and DER's?
23	
24	RESPONSE (B):
25	Toronto Hydro does not allocate costs to customers based on the technologies used by its
26	customers.

1	RESPONSES TO SCHOOL ENERGY COALITION INTERROGATORIES						
2							
3	INTERROGATORY 7-SEC-122						
4	Reference: Exhibit 7, Tab 1, Schedule 1, Table 4						
5							
6	QUESTION:						
7	For each of the scenarios presented in Table 4, B, C & D, please provide details of						
8	how Toronto Hydro would propose to rebalance revenues to return the Revenue to Cost ratios to						
9	the OEB's ranges and the resulting distribution bill impacts.						
10							
11	RESPONSE:						
12	As stated at the same reference, Toronto Hydro "sees merit to a collaborative approach which						
13	takes into account the views, preferences, and expertise of all the parties whose interests are						
14	affected by cost allocation matters."						
15							
16	To the degree Toronto Hydro were to rebalance CSMUR Revenue to Cost (R/C) ratios to return to						
17	OEB range, Toronto Hydro would propose the same approach across each of the B, C and D						
18	scenarios shown; gradually phase in a reduction of CSMUR R/C ratios over a five-year period. As a						
19	result, the reduction of revenue from the CSMUR rate class would be recovered from other rate						
20	classes, with a nil net impact on overall revenues.						
21							
22	To complete this task, Toronto Hydro would implement the following:						
23							
24	1) Complete the 2025 Cost Allocation Model for both Status Quo cost allocation, as included						
25	in its pre-filed application, and Alternative cost allocation. The result would be two sets of						
26	allocated total costs to each rate class, which would allow for the calculation of a Cost						

1		Allocation Difference (CAD) for each rate class, ¹ which quantifies in dollars the difference
2		between Status Quo and Alternative cost allocation, by rate class;
3	2)	For 2025 rates, first complete rate design on the basis of Status Quo cost allocation to bring
4		R/C ratios into balance with accepted ranges on a Status Quo basis. Second, add 1/5 of the
5		CAD applicable to each rate class to the Status Quo costs assigned to each rate class;
6	3)	For 2026 rates, first calculate the 2026 revenue requirement in accordance with the CRCI
7		(no different than would be the case absent a phased-in change to cost allocation). Second,
8		assign the 2026 revenue requirement to rate classes on the basis of Status Quo cost
9		allocation proportions. Third, add 2/5 of the CAD applicable to each rate class to the
10		assigned 2026 revenue requirement based on Status Quo cost allocation;
11	4)	For 2027 through 2029 rates, repeat approach to 2026 rates, with the exception that CAD
12		additions to assigned costs will be 3/5 in 2027, 4/5 in 2028, and 5/5 in 2029.
13		
14	Due to	the complexity of the task, Toronto Hydro did not have sufficient time within the time
15	provide	ed for interrogatory responses to prepare bill impacts for each rate class, for each year,
16	associa	ted with the approach above.

¹ CAD applicable only to distribution rate portion of assigned costs, exclusive of Revenue Offsets

1		RESF	PONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2			INTERROGATORIES
3			
4	INTERF	ROGATO	RY 7-VECC-78
5	Refere	nces:	Exhibit 7, Page 1 / Exhibit 8, Page 9
6			Exhibit 6, Tab 1, Schedule 3 (2026 RRWF)
7			
8	Pream	ble:	
9	The Ap	plicatior	n states:
10			
11		"Consis	stent with the methodology relied upon in EB-2014-0116 and EB-2018-0165, Toronto
12		Hydro	completed a cost allocation study for the 2025 test year, and extended the results to
13		allocate	e the 2026 to 2029 revenue requirement to rate classes." (Exhibit 7, page 1)
14			
15		"In eac	h annual application, Toronto Hydro will propose new distribution rates based on
16		the esc	alated base revenue requirement resulting from application of the CRCI, in
17		accord	ance with the OEB's decision in this proceeding. Toronto Hydro proposes that for the
18		years 2	026 to 2029, the final approved base revenue requirements be allocated to each
19		rate cla	ass based on the same allocations to rate classes established in this proceeding for
20		2025."	(Exhibit 8, pdf page 9)
21			
22	QUEST	ION (A):	
23	a)	Based	on the forecast 2026 base revenue requirement (per the 2026 RRWF) please
24		demon	strate how the revenue requirement would be allocated to rate classes for that year
25		and the	e rates for each class subsequently derived.
26			
27	RESPO	NSE (A):	
28	The rev	venue re	quirement for 2025 will be escalated using the Custom Revenue Cap Index (CRCI) to
29	come u	up with r	revenue requirement for 2026. Subsequently, the base revenue requirement for

1	2026 will be distributed across various rate classes and divided into fixed and variable split, both
2	based on the 2025 data. In the final stage of rate design, the fixed and variable revenue for each
3	rate class will be divided by the forecasted 2026 billing determinants to determine the distribution
4	rates.
5	
6	QUESTION (B):
7	b) Will the approach proposed by THESL result in each rate class experiencing a different
8	overall increase in distribution rates, where classes experiencing higher annual increases in
9	their billing determinant would see a lower average rate increase (for base distribution
10	rates)?
11	
12	RESPONSE (B):
13	Yes, the distribution rates increase will vary across the classes, depending on the annual projected

14 growth in billing determinant for each rate class.

1	RES	PONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2		INTERROGATORIES
3		
4	INTERROGAT	DRY 7-VECC-79
5	References:	Exhibit 7, Tab 1, Schedule 1, Page 2
6		Cost Allocation Model, Tabs I4 & I5.2
7		Exhibit 8, Tab 2, Schedule 1, Page 3
8		THESL's Conditions of Service, Pages 92 and 97
9		Exhibit 2B, Section E5.1, Page 20
10		
11	Preamble:	
12	With respect t	o the Services weighting factor, the Application states:
13		
14	"All ra	te classes, with the exception of the Competitive Sector Multi-Unit Residential
15	("CSM	UR"), Unmetered Scattered Load ("USL") and Street Lighting classes, received a
16	weigh	ting factor of one, reflecting the reality that service costs greater than a basic
17	allowa	ance are recovered through a direct contribution from the customers. The weighting
18	factor	for the CSMUR rate class is derived by dividing the number of units by the number of
19	buildir	ngs housing these units, as originally directed by the OEB in EB-2010-0142. For the
20	USL ar	nd Street Lighting classes, the cost of services is directly collected from those
21	custor	ners, requiring that they receive a weighting factor of zero." (Exhibit 7)
22		
23	With respect t	o the basic connection fee allowance, the Application states:
24		
25	"For tl	ne next rate period, Toronto Hydro proposes to increase its Basic Connection Fee
26	allowa	ance for Rate Class 1 to 5 from \$1396 to \$3059. The Basic Connection Fee has not
27	been u	updated since 2009. The updated Basic Connection Fee reflects the cost of the
28	currer	t connection standards and includes upgraded transformation from 100kVA, to
29	167KV	′A.″ (Exhibit 2B)

1	QUEST	ION (A):
2	a)	Please confirm that the current basic connection fee allowance is the same for all customer
3		classes (excluding USL and Street Lighting)? If not, please provide the basic allowance for
4		each class.
5		
6	RESPO	NSE (A):
7	Toronto	o Hydro confirms that the basic connection allowance is the same for all customer classes as
8	defined	in Toronto Hydro's Conditions of Service, Section 2.1.2.2, Capital Contribution Policy.
9		
10	QUEST	ION (B):
11	b)	Please confirm that: i) the full costs of Services assets for all customer classes are recorded
12		in Account 1855, ii) the offsetting direct contributions from customers recorded as
13		contributed capital in Account 1995 and iii) these capital contributions are associated with
14		Account 1855 in Tab I4. If
15		not confirmed, please explain how the cost and contributed capital are treated in the Cost
16		Allocation Model.
17		
18	RESPO	NSE (B):
19	Toronto	o Hydro confirms statement i), ii), iii) in the above interrogatory.
20		
21	QUEST	ION (C):
22	c)	Are the actual total costs (including direct contributions) for Services the same for all
23		customer classes on a per connection basis? If not, what are the relative differences?
24		
25	RESPO	NSE (C):
26	The act	ual total costs, and/or contribution for services for all customer classes are not necessarily
27		ne. What is same is the methodology to evaluate the costs. Each customer service
28	connec	tion is evaluated as the total cost less the customer contribution and any applicable basic

1	connection allowance, as prescribed by the Distribution System Code Section 3, Connections and
2	Expansions.
3	
4	QUESTION (D):
5	d) Is THESL responsible for the maintenance, repair and replacement of the Services assets
6	provided for all customer classes? If not, how do the responsibilities differ across customer
7	classes?
8	
9	RESPONSE (D):
10	Toronto Hydro is responsible for the maintenance, repair and replacement of the Services assets
11	that Toronto Hydro owns.
12	
13	QUESTION (E):
14	e) Please provide the calculations supporting the proposed Services weighting factor for the
15	CSMUR class.
16	
17	RESPONSE (E):

- 18 Please see Table 1 below.
- 19

20 **Table 1: Service Weighting Factor for CSMUR rate class**

Description	Residential	GS <50kW	GS - 50 to 999kW	GS - 1000 to 4999 kW	Large Use	CSMUR	Audit Trail (CSMUR)
Cost to provide services (as per condition of services)	3,059.0	3,059.0	3,059.0	3,059.0	3,059.0	14.7	A=\$3,059/D
Number of Customers	-	-	-	-	-	98,427	В

Description	Residential	GS <50kW	GS - 50 to 999kW	GS - 1000 to 4999 kW	Large Use	CSMUR	Audit Trail (CSMUR)
in CSMUR							
Class							
Number of							
Buildings in	_	_	_	_	_	472	с
CSMUR	-	-	-	-	-	472	C
Class							
Average							
Customer							
in Building	-	-	-	-	-	208.5	D=B/C
(CSMUR							
Class)							
Weighting							
Factor for	1.0	1.0	1.0	1.0	1.0	0.004796	$E=A/Cost_{Residential}$
Services							

1

2 QUESTION (F):

f) With respect to the USL class, Exhibit 7 states: "the cost of services is
directly collected from those customers, requiring that they receive a weighting factor of
zero". However, THESL' Conditions of Service (page 92) indicates that for Overhead supply
the basic charge (\$446 or \$1,011 depending on the connection arrangements) is funded
through rates. Please reconcile and explain whether it is appropriate for the USL class to
have a zero weighting for Services.

9

10 **RESPONSE (F):**

Toronto Hydro's practice is to recover all the cost of connections through variable connection
 charge for both, Street Lighting and USL rate classes. The Conditions of Service currently displays
 outdated information and will be updated accordingly. Consequently, assigning zero weight to
 Service remains appropriate.

1 QUESTION (G):

2	g)	With respect to Street Lighting, Exhibit 7 states: "the cost of services is
3		directly collected from those customers, requiring that they receive a weighting factor of
4		zero". However, THESL' Conditions of Service (page 97) indicates that the basic charge
5		(\$553.36 or \$573.97 depending on the connection arrangements) is funded through rates.
6		Please reconcile and
7		explain whether it is appropriate for the Street Lighting class to have a zero weighting for
8		Services.
9		
10	RESPO	NSE (G):
11	Please	refer to the response for part (f) of this interrogatory.

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2	INTERROGATORIES
3	
4	INTERROGATORY 7-VECC-80
5	Reference: Exhibit 7, Page 2 Cost Allocation Model (CAM), Tab I5.2
6	
7	Preamble:
8	With respect to the Billing and Collecting weighting factors the Application states:
9	
10	"The class-specific weighting factors reflect estimates of billing effort and costs related to
11	each class based on the experience and expertise of Toronto Hydro's billing specialists".
12	
13	QUESTION (A):
14	a) Please provide any analysis undertaken to support/determine the proposed weighting
15	factors for Billing and Collecting.
16	
17	RESPONSE (A):
18	Please refer to 7-Staff-325.

1		RES	SPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2			INTERROGATORIES
3			
4	INTERF	ROGAT	ORY 7-VECC-81
5	Refere	nces:	Exhibit 7, Page 2 and Footnote #5
6			Cost Allocation Model (CAM), Tab E1
7			
8	Pream	ole:	
9	With re	espect	to the Density Factor, the Application states:
10		"In ac	cordance with past OEB decisions, Toronto Hydro proposes to maintain the use of the
11		modi	fied density factor at 23 percent. This reflects a considerably higher customer density
12		per ki	ilometer in Toronto compared to the OEB's default value."
13			
14		"Torc	nto Hydro's density of 133 customers per kilometers of line, as determined by the
15		mode	el, is well above the OEB's default of 60 customers per kilometers of line."
16			
17	QUEST	TION (A	A):
18	a)	What	was the actual customer density for THESL in: i) EB-2014-0116 and ii) EB-2018-0165
19		as de	termined by the CAM model for each Application?
20			
21	RESPO	NSE (A):
22	Custon	ner der	nsity as per cost allocation model was as follows:
23		a. E	B-2014-0116: 140 customers per km of line
24		b. E	B-2018-0165: 140 customers per km of line

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2	INTERROGATORIES
3	
4	INTERROGATORY 7-VECC-82
5	Reference: Cost Allocation Model (CAM), Tabs I7.1 and I7.2
6	
7	QUESTION (A):
8	a) Do any of THESL's customers have more than one THESL-owned meter (e.g., customers
9	with embedded generation)? If yes, please indicate which customer classes are involved
10	and how many additional meters are associated with each.
11	
12	RESPONSE (A):
13	The following table shows the customers that have more than one THESL-owned meter grouped b
14	customer class:
15	
16	Table 1: Customers with 1+ THESL-owned Meter

Customer Class	Number of additional meters
General Service Less than 50 kW	262
General Service 50 to 999 kW	1,380
General Service 1,000 to 4,999 kW	169
Large Use Service	44

17

18 QUESTION (B):

b) Do any of THESL's customers have more than one meter that THESL is responsible for

20 reading on a regular basis? If yes, please indicate which customer classes are involved and

how additional meters (over and above one per customer) THESL is required to read for
each customer class.

23

24 **RESPONSE (B):**

- 1 For the meters listed in the previous response, Toronto Hydro is required to read all the additional
- 2 meters for these customers.

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2	INTERROGATORIES
3	
4	INTERROGATORY 7-VECC-83
5	Reference: Cost Allocation Model (CAM), Tabs I3 and I9
6	
7	Tab I3 identifies a number of accounts where some (or all) of the costs are directly allocated to one
8	or more customer classes. Please provide a schedule that sets out for each such account: i) the
9	nature of the assets being directly allocated and ii) why direct allocation is appropriate to the
10	classes identified in Tab I9.
11	
12	RESPONSE:

- 13 See the following table for the requested information.
- 14

USofA	UsofA Description	GS 50- 999 kW ²	GS 1,000- 4,999 kW ²	Large Use >5MW ²	Street Light ¹	Unmetered Scattered Load ¹	Competitive Sector Multi-Unit Residential ³
1830	Poles, Towers and Fixtures	-	-	-	51,670,667	2,719,509	-
1835	Overhead Conductors and Devices	-	-	-	4,444,946	233,945	-
1840	Underground Conduit	3,332,831	17,590,062	24,918,126	3,297,621	173,559	-
1845	Underground Conductors and Devices	2,817,669	14,871,131	21,066,481	5,436,780	286,146	-
1860	Meters	-	-	-	-		58,170,360
1940	Tools, Shop and Garage Equipment	-	-	-	2,261	119	-
2105	Accum. Amortization of Electric Utility Plant - Property, Plant, & Equipment	- 1,243,863	- 6,564,876	- 9,299,820	- 17,014,401	- 895,495	- 29,179,160
	Sub-Total	4,906,637	25,896,316	36,684,787	47,837,873	2,517,783	28,991,200

Toronto Hydro-Electric System Limited EB-2023-0195 Interrogatory Responses **7-VECC-83** FILED: March 11, 2024 Page **2** of **3**

USofA	UsofA Description	GS 50- 999 kW ²	GS 1,000- 4,999 kW ²	Large Use >5MW ²	Street Light ¹	Unmetered Scattered Load ¹	Competitive Sector Multi-Unit Residential ³
5040	Underground Distribution Lines and Feeders - Operation Labour	2,547	13,445	19,046	-	-	-
5045	Underground Distribution Lines & Feeders - Operation Supplies & Expenses	7,777	41,046	58,145	-	-	-
5110	Maintenance of Buildings and Fixtures - Distribution Stations	-	-	-	78,739	4,144	-
5135	Overhead Distribution Lines and Feeders - Right of Way	-	-	-	2,500,372	131,599	-
5145	Maintenance of Underground Conduit	5,611	29,614	41,952	-	-	-
5150	Maintenance of Underground Conductors and Devices	14,174	74,810	105,976	-	-	-
5310	Meter Reading Expense	-	-	-	-	-	315,547
5705	Amortization Expense - Property, Plant, and Equipment	134,961	712,297	1,009,042	2,387,018	125,633	3,246,012
	Sub-Total	165,071	871,213	1,234,162	4,966,129	261,375	3,561,559
	Grand Total	5,071,707	26,767,529	37,918,949	52,804,002	2,779,158	32,552,759

Note:

1. All assets and expenses are directly allocated 95 percent to the Street Lighting class, and 5 percent to the USL class. Since these assets are used by only these two rate classes.

2. The cost related to feeders used by GS 50-999 kW, GS 1,000-4,999 kW and Large User rate class.

3. Expenses related to meter cost and meter reading by CSMUR class.

1

2 Toronto Hydro believes that the direct allocation is suitable for the classes outlined in tab 19, as the

3 assets and expenses listed in the table exclusively serve their respective classes. For example,

- 1 streetlighting costs (both capital and OM&A) are tracked separately, providing direct benefits to
- 2 the same class and thus should be the foundation for recovery within that particular rate class.

1	RES	PONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2		INTERROGATORIES
3		
4	INTERROGAT	DRY 7-VECC-84
5	References:	Exhibit 7, Tab 1, Schedule 1, Pages 2-3
6		Exhibit 7, Tab 1, Schedule 2 Cost Allocation Model (CAM), Tabs I8
7		
8	Preamble:	
9	The Application	on states:
10	"For t	he Residential, CSMUR and General Service rate classes Toronto Hydro used sample
11	meter	ing data sets, while entire rate class data sets were used for Unmetered Scatter Load
12	Class	("USL") and Street Lighting rate classes."
13		
14	QUESTION (A)):
15	a) Please	e explain why sample metering data sets were used for the Residential, CSMUR and
16	Gener	al Service rate classes.
17		
18	RESPONSE (A)	:
19	Please refer to	p 7-Staff-326, parts b) and c).
20		
21	QUESTION (B)	
22	b) Please	explain how the sample set for each rate class was determined and how THESL
23	ensur	ed the sample set was representative of the overall class.
24		
25	RESPONSE (B)	:
26	Please refer t	o 7-Staff-326, parts a), b) and c).

1		RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2		INTERROGATORIES
3		
4	INTERF	ROGATORY 7-VECC-85
5	Refere	nce: Exhibit 7, Tab 1, Schedule 1, Pages 2-3 & Tab 1, Schedule 2
6		Cost Allocation Model (CAM), Tabs 18
7		
8	<u>Pream</u>	ble:
9	The Ap	plication states:
10		
11		"The hourly load profiles were reconciled to the 2019 purchased energy and wholesale
12		market participant data and weather normalized to 2025 heating and cooling degree days.
13		The weather normalization methodology is based on a ratio between the 2019 weather
14		normalized and 2019 non-weather normalized loads from the revenue load forecast.
15		Weather normalization in the revenue load forecast is calculated by making adjustments
16		to the monthly energy purchases either in excess or below what would be purchased under
17		average weather conditions. Average weather conditions are based on a ten-year historical
18		average of heating and cooling degree-days, and dew-point temperature."
19		
20		And
21		
22		"The load profiles were scaled to the 2025 baseline load forecast based on the ratio of
23		2025 kWh to 2019 kWh by class."
24		
25	QUEST	ION (A):
26	a)	With respect to the first reference, was the ratio used to do the adjustment (per Exhibit 7,
27		Tab 1, Schedule 2, Column (h)) based on the annual weather normal HDD and CDD values
28		relative to the actual annual HDD and CDD values or was a different ratio calculated for
29		each month?

1 **RESPONSE (A):** Toronto Hydro weather normalized the 2019 load profiles by creating monthly ratios between the 2 2019 weather normalized loads and 2019 non-weather normalized loads by rate class sourced from 3 4 Exhibit 3. 5 Please refer to Exhibit 3, Tab 1, Schedule 1, section 5.1 for details outlining Toronto Hydro's 6 weather normalization methodology in its load forecast. 7 8 **QUESTION (B):** 9 10 b) With respect to the second reference, was the scaling factor (per Exhibit 7, Tab 1, Schedule 2, Column (i)) used based on the ratio of the annual 2025 forecast kWh versus the annual 11 weather normalized 2019 kWh or was a different scaling factor calculated for each month? 12 13 **RESPONSE (B):** 14 15 The scaling factors used were based on the ratio of the monthly 2025 forecast kWh versus the

16 monthly weather normalized 2019 kWh.

1	RES	PONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2		INTERROGATORIES
3		
4	INTERROGAT	DRY 7-VECC-86
5	References:	Exhibit 7, Tab 1, Schedule 1, pages 2-3 & Tab 1, Schedule 2
6		Exhibit 3, Appendix J, page 37
7		Cost Allocation Model (CAM), Tabs 18
8		EB-2022-0016 (Bluewater Power), Exhibit 7, pages 5-11
9		EB-2022-0044 (Kingston Hydro), Exhibit 7, Tab 4, Schedule 1, Attachment 1
10		
11	Preamble:	
12	The Applicatio	n states:
13		
14	"Resu	lting load profiles were modified to include electric vehicles ("EVs") and distributed
15	energy	y resources ("DERs") forecasted load impacts." (page 3)
16	And	
17	"One l	oad profile needed to be added to the analysis: a residential LDEV load profile. For
18	the In	tegration Model, it was not necessary to include a residential LDEV load profile
19	becau	se billing demand is not a component of residential rates. However, how LDEV's may
20	impac	t the cost allocations between the residential and other classes in the CAM is
21	pertin	ent." (Appendix J, page 37)
22		
23	QUESTION (A)	:
24	a) With r	espect to the second reference, wouldn't it also have been necessary to develop
25	(solely	ofor cost allocation purposes) load profiles for: i) CSMUR LDEV energy usage and ii)
26	GS<50	LDEV, MDEV and HDEV energy usage? If not, why not?

1	RESPONSE (A) PREPARED BY CLEASPRING:
2	Regarding part i), for cost allocation purposes the LDEV energy usage for the CSMUR customer class
3	uses the same residential LDEV load profile as used by the residential customer class. Regarding
4	part ii), the GS<50 customer class for cost allocation purposes uses the non-residential LDEV,
5	MDEV, and HDEV load profiles. These are the same profiles used by the other general service and
6	large use customer classes.
7	
8	The LDEV load profile used for the residential and CSMUR customer classes are found in Table 43 of
9	the Clearspring Integration Model Report. The LDEV load profile used for GS<50 (and the other GS
10	and LU classes) is found in Table 7. The MDEV and HDEV load profiles used for GS<50 (and the
11	other GS and LU classes) are found in Table 19.
12	
13	QUESTION (B):
14	b) If yes, please explain how these profiles were determined and provide the profiles used?
15	
16	RESPONSE (B) PREPARED BY CLEASPRING:
17	Please refer to response 7-VECC-86, a).
18	
19	QUESTION (C):
20	c) With respect to Tab 1, Schedule 2, please explain why the total hourly demand for the
21	customer class (Column (c)) was based on the average use per sample customer for the
22	hour times the number of customers in the class.
23	
24	RESPONSE (C):
25	The columns (c) and (d) in the Tab 1, Schedule 2 are the sample size and total of sample size loads
26	based on the average hourly load profile multiplied by the number of customers. This exercise was
27	done to estimate a percentage of usage for a rate class (column (e)). The resulting percentage was
28	then applied to the actual load purchased by Toronto Hydro (column (f)) to determine the rate
29	class's portion of the actual purchased load (column (g)).

1 Columns (d) and (e) were developed to estimate a rate class's portion of actual purchased load (column (f)), resulting in column (g). 2 3 4 QUESTION (D): d) What implicit assumptions does this approach (per part (c)) assume regarding the nature of 5 the sample used and how did THESL ensure these assumptions were met? 6 7 **RESPONSE (D):** 8 Toronto Hydro needed to estimate each rate class's contribution to its total actual purchased loads. 9 The sample size and total of sample sizes (Columns (c) and (d)) were used to estimate a rate class's 10 percentage of total hourly loads (Column (e)). Toronto Hydro used this resulting percentages to 11 estimate a rate class's portion of the actual purchased loads (Column (f)). 12 13 **QUESTION (E):** 14 e) With respect to the calculation described in part (c), why wouldn't it be more appropriate 15 16 to determine the hourly profile for the class by multiplying the hourly profile for the sample by the ratio of class's total energy to the energy use accounted for by the sample? 17 18 19 **RESPONSE (E):** Toronto Hydro used the sample size and total of sample sizes (Columns (c) and (d)) to create a ratio 20 of the rate class (Column (e)). However, because Column (d) is a sum of the calculations from all 21 22 sample sizes and not the actual loads that took place, Toronto Hydro used the resulting ratios and applied them to the actual loads (Column (f)) to estimate a rate class's portion of what took place 23 (Column (g)). 24 25 **QUESTION (F):** 26 f) With respect to Tab 1, Schedule 2, is the difference between the hourly values in Column 27 (d) and Column (f) due solely to losses? 28

1	RESPONSE (F):
2	Toronto Hydro confirms that the difference is not due to losses.
3	
4	QUESTION (G):
5	g) If the response to part (f) is no, what other factors account for the difference?
6	
7	RESPONSE (G):
8	Column (d) is a sum of the calculations from all sample sizes, while Column (f) is the actual loads
9	purchased. Column (d) does not represent any actual loads that took place; it is a sum of
10	estimations used to calculate a rate class's percent allocation of the actual loads in Column (f).
11	
12	QUESTION (H):
13	h) If the response to part (e) is yes, why does the percentage difference between the two
14	columns vary so widely over the hours?
15	
16	RESPONSE (H):
17	Please refer to 7-VECC-86 part f).
18	
19	QUESTION (I):
20	i) With respect to Tab 1, Schedule 2, why is it more appropriate to use the maximum value ir
21	Column (c) as the NCP value as opposed to the maximum value in Column (h)?
22	
23	RESPONSE (I):
24	Column (c) is a sample size estimation that is used calculate a ratio of a rate class's portion from
25	the actual loads. Column (c) is not intended to represent a rate class's actual usage; it is used to
26	create a ratio to applied to the actual loads.

1	QUEST	ION (J):
2	j)	With respect to Tab 1, Schedule 2, why is it more appropriate to use the maximum value in
3		Column (f) to determine the hour on which to base the CP for the month as opposed to the
4		maximum value in Column (d)?
5		
6	RESPO	NSE (J):
7	Please	refer to 7-VECC-86 part g).
8		
9	QUEST	ION (K):
10	k)	With respect to Tab 1, Schedule 2, please confirm that the weather correction factor used
11		in Column (h) uses the same ratio to adjust each hour's actual use to "weather normal" use
12		and, in doing so, assumes that for each hour in January 2019 the actual HDD value differs
13		from what would be weather normal for that hour in January by the same percent?
14		
15	RESPO	NSE (K):
16	Toront	o Hydro confirms the above statement.
17		
18	QUEST	ION (L):
19	I)	If part (k) is not confirmed what relationship does the approach used by THESL assumes
20		exists between the actual HDD value for each hour in January and the weather normal for
21		that hour in January?
22		
23	RESPO	NSE (L):
24	Please	refer to response 7-VECC-86, k).
25		
26	QUEST	ION (M):
27	m)	Did THESL consider the use of a methodology such as that employed by Bluewater and
28		Kingston in their 2022 COS Applications which accounts for the fact that the difference

- 1 between actual and weather-normal HDD and CDD values can vary by day? If yes, why was
- 2 such an approach rejected?
- 3

4 RESPONSE (M):

- 5 Toronto Hydro did not consider the employed by Bluewater and Kingston in their 2022 COS
- 6 Applications.

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION		
2	INTERROGATORIES		
3			
4	INTERROGATORY 7-VECC-87		
5	References: Cost Allocation Model (CAM), Tab I6.1		
6	EB-2023-0054, OEB Decision re: THESL's 2024 Rates		
7			
8	QUESTION (A):		
9	a) In the 2024 Tariff Sheet it is not clear if the Service Charge for USL is billed on a per		
10	customer or a per connection basis. Please clarify.		
11			
12	RESPONSE (A):		
13	The Service Charge for USL rate class is charged on a per customer basis.		
14			
15	QUESTION (B):		
16	b) Please explain how the 2024 rates used in Tab I6.1 account for both the Service Charge and		
17	the Connection Charge applicable to USL customers.		
18			
19	RESPONSE (B):		
20	In the cost allocation model cell L39 is modified to calculate the service charges and connection		
21	charges as per customer and per connection respectively. This is described in Exhibit 7, Tab 1,		
22	Schedule 1, page 4.		

1	RESP	ONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2		INTERROGATORIES
3		
4	INTERROGATO	RY 7-VECC-88
5	References:	Exhibit 7, Tab 1, Schedule 1, Table 1, Page 5
6		Cost Allocation Model (CAM), Tab O1
7		
8	QUESTION (A):	
9	a) With re	spect to the proposed Revenue to Cost ratios for GS<50, GS 50-999, GS 1000-4999
10	and Lar	ge Use, are the differences in the proposed ratios simply due to rounding or did the
11	approa	ch used by THESL to determine each class's ratio lead to distinctly different results
12	for eacl	ו class?
13		
14	RESPONSE (A):	
15	The differences in the proposed ratios are not simply due to rounding. Toronto Hydro's approach	
16	to determine ea	ach class's ratio led to distinctly different results for each class.
17		
18	QUESTION (B):	
19	b) If the a	pproach used by THESL led to distinctly different results for each
20	class pl	ease explain the approach used and provide (in a working excel model) the
21	support	ting calculations.
22		
23	RESPONSE (B):	
24	Toronto Hydro	maintained the revenue-to-cost ratio within the range, as provided in the Report of
25	the Board: Revi	ew of Electricity Distribution Cost Allocation Policy (EB-2010-0219) and the updated
26		treet Lighting class as provided in the Report of the Board: New Cost Allocation
27		t Lighting Rate Class (EB-2012-0383), for all the classes except for Residential and
28		ss. Residential and CSMUR class revenue-to-cost ratio maintained at unity. In order
29	to maintain the	revenue-to cost ratio, rates are adjusted downwards for Residential, CSMUR and

- 1 USL. The extra revenue is allocated to those classes with revenue-to-cost ratios below 1.0
- 2 proportionately to amounts those classes were below their allocated costs.

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION
2	INTERROGATORIES
3	
4	NTERROGATORY 7-VECC-89
5	eference: Exhibit 7, Tab 1, Schedule 1, page 5 (Table 1)
6	Cost Allocation Model (CAM), Tab O1
7	
8	reamble:
9	he EB-2018-0165 Decision states:
10	"However, the OEB is concerned by the large shift for the residential class from well below
11	100% to above 100% (94.3% to 103.2%) at the same time that residential rates are
12	transitioning to a fully fixed rate design. This shift of 8.9 percentage points has a direct
13	impact on the distribution rates for the residential class, and, when combined with the
14	transition to fixed rates, can have a compounding impact on the bills for low volume
15	consumers. The OEB concludes that this impact should be mitigated. Therefore, the OEB is
16	setting the revenue-to-cost ratio for the residential class at 100% for the Custom IR term. In
17	the next rebasing application, the OEB will assess whether the standard policy range will
18	again be applied, rather than continuing to fix the ratio at 100%."
19	
20	And
21	
22	"The OEB notes that the revenue-to-cost ratio for the CSMUR class was set at 100% by the
23	OEB when the class was first established for 2012 rates (and as implemented in 2013).
24	There are now several years of actual data for this new class that can be assessed. The OEB
25	concludes that it is appropriate to review in Toronto Hydro's next rebasing application the
26	characteristics
27	of this class, and whether a range should be adopted for the revenue-to-cost ratios going
28	forward."

29

1	The Application states:		
2			
3		"In accordance with past OEB decisions, rates in the Residential and CSMUR class are set	
4		such that the revenue to cost ratios are equal at unity (i.e. 1.0 or 100 percent)."	
5			
6	QUEST	ION (A):	
7	a)	Please explain why THESL considers setting the Residential ratio at 100% to be in	
8		accordance with the OEB's EB-2018-0165 Decision (i.e., why the Residential ratio should	
9		continue to be fixed at 100% as opposed to applying the standard policy range).	
10			
11	RESPONSE (A):		
12	Please refer to response 7-Staff-329, b).		
13			
14	QUEST	ION (B)	
15	b)	Please provide THESL's views as to whether, for the CSMUR class, a range should be	
16		adopted for the class's revenue to cost ratio.	
17			
18	RESPONSE (B):		

19 Please refer to response 7-Staff-329, a).

1	RESPONSES TO VULNERABLE ENERGY CONSUMERS COALITION		
2	INTERROGATORIES		
3			
4	INTERROGATORY 7-VECC-90		
5	Reference: Exhibit 7, Tab 1, Schedule 1, Page 13		
6			
7	QUESTION (A):		
8	a) Please provide the Cost Allocation Models used to produce the results set out in columns B,		
9	C and D of Table 4.		
10			
11	RESPONSE (A):		
12	Please see enclosed attachments for the cost allocation model for scenario B, C, and D of Table 4.		
13	Toronto Hydro notes that the changes are made to the following inputs in the alternate approach		
14	compare to status quo including "Primary Customer Base", "Line Transformer Customer Base",		
15	"Secondary Customer Base" in tab I6.2 and consequential impact on load profile for NCP1, 4 and 12		
16	in tab I8.		