OPTIONS TO ELIMINATE SEASONAL RATES

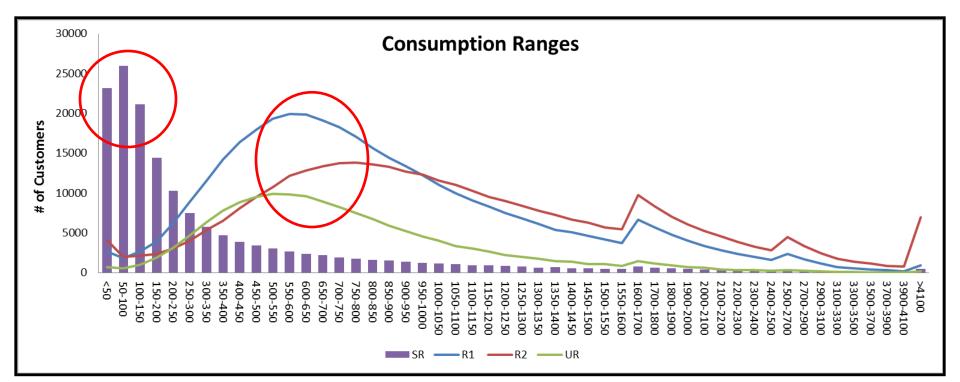


Seasonal Rate Elimination Stakeholder Session | Hydro One Networks Inc. | June 10, 2015

OEB Direction

- In EB-2013-0416 Decision OEB determined the Seasonal customer classification is no longer justified.
- Hydro One to bring forward a plan for the elimination of the seasonal class by August 4, 2015.
- Plan should propose a phase-in period for those customers expected to experience a total bill impact of greater than 10% as a result of migrating to another class.
- OEB will conduct a hearing to examine the rate mitigation issues in the plan with the intent to implement the initial rate changes January 1, 2016.

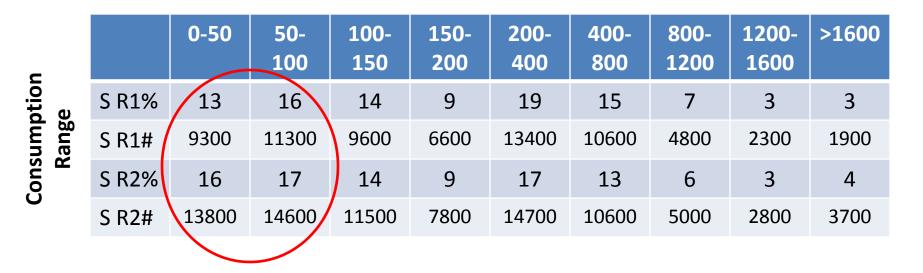
Seasonal Class



| Monthly Consumption | # of Customers | Consumption Range | # of Customers |
|------------------------|-------------------|----------------------|-------------------|
| <50 | 23,140 | 200-400 | 28,120 |
| 50-100 | 25,954 | 400-800 | 21,205 |
| 100-150 | 21,117 | 800-1200 | 9,762 |
| 150-200 | 14,382 | >1200 | 10,810 |

Breaking up the Seasonal Class

- Seasonal customers included as part of Density Review and included in defining density zones
- 2016 forecast Seasonal customers by density class
 R2: 83,900 R1: 70,300 UR: 270 TOT: 154,490



Cost Allocation

- 2016 model updated to reflect Board Decisions
 - Includes all changes approved for 2015 model
 - Updated for 2016 revenue requirement
 - "Seasonal Status Quo"
- 2016 model updated to reflect elimination of the Seasonal class
 - Updated # of customers and kWh for UR, R1 and R2 to include Seasonal customer values
 - Updated load profiles for "new" residential rate classes
 - "Seasonal Eliminated"

Cost Allocation Model (CAM) Results

Seasonal Status Quo

| | UR | R1 | R2 | S | GSe | GSd | UGe | UGd | StLg | SnLg | USL | DG | ST |
|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| Rev * | 101.5 | 338.7 | 514.9 | 115.1 | 162.5 | 127.7 | 20.2 | 27.0 | 11.7 | 7.0 | 3.6 | 2.8 | 47.5 |
| Cost | 80.5 | 285.0 | 557.2 | 110.8 | 160.1 | 148.4 | 22.6 | 31.1 | 13.2 | 7.7 | 2.9 | 6.6 | 54.3 |
| R/C | 1.26 | 1.19 | 0.92 | 1.04 | 1.02 | 0.86 | 0.89 | 0.87 | 0.88 | 0.90 | 1.23 | 0.43 | 0.88 |

* 7.3% uniform increase to rates required to match 2016 costs

Seasonal Eliminated

| | UR | R1 | R2 | S | GSe | GSd | UGe | UGd | StLg | SnLg | USL | DG | ST |
|-------|-------|-------|-------|---|-------|-------|------|------|------|------|------|------|------|
| Rev * | 100.9 | 370.8 | 601.4 | - | 161.3 | 126.8 | 20.0 | 26.8 | 11.6 | 7.0 | 3.6 | 2.8 | 47.2 |
| Cost | 79.5 | 313.9 | 631.0 | - | 161.8 | 154.3 | 22.9 | 32.2 | 13.1 | 7.7 | 2.9 | 6.5 | 54.2 |
| R/C | 1.27 | 1.18 | 0.95 | - | 1.00 | 0.82 | 0.87 | 0.83 | 0.88 | 0.90 | 1.23 | 0.43 | 0.87 |

* 6.5% uniform increase to rates required to match 2016 costs

Impacts of Eliminating Seasonal Class

| Rate Class | Typical Monthly Consumption (kWh/kW) | Seasonal S Change in 2015- \$ | Total Bill | Seasonal Eliminated Change in Total Bill 2015-2016 \$ % | | |
|---------------|---|--|------------|--|--------|--|
| UR | 800 | (\$0.37) | -0.3% | (\$0.95) | -0.7% | |
| R1 | 800 | \$1.04 | 0.6% | \$0.88 | 0.5% | |
| R2 | 800 | \$5.85 | 3.2% | \$5.20 | 2.8% | |
| S to UR | 400 | \$4.23 | 3.6% | (\$34.76) | -29.4% | |
| S to R1 | 400 | \$4.23 | 3.6% | (\$20.91) | -17.7% | |
| S to R2 | 400 | \$4.23 | 3.6% | \$26.96 | 22.8% | |
| GSe | 2,000 | \$9.36 | 2.3% | \$8.14 | 2.0% | |
| UGe | 2,000 | \$7.45 | 2.2% | \$7.11 | 2.1% | |
| GSd | 35000/120 | \$288.99 | 4.3% | \$326.66 | 4.9% | |
| UGd | 35000/120 | \$155.28 | 2.6% | \$171.88 | 2.9% | |

Seasonal to R2 Impacts

Breakout of impacts on Seasonal customers moving to R2 rate class

| kWh | # of Cust | 2015 Monthly Bill | 2016 Monthly Bill | Change \$ | Change % |
|-------|--------------|-------------------------|-------------------------|--------------|-------------|
| 50 | 13,800 | 42.22 | 78.44 | 36.22 | 85.8 |
| 100 | 14,600 | 53.09 | 87.99 | 34.90 | 65.7 |
| 150 | 11,500 | 63.97 | 97.54 | 33.58 | 52.5 |
| 200 | 7,800 | 74.84 | 107.10 | 32.25 | 43.1 |
| 400 | 14,700 | 118.34 | 145.30 | 26.96 | 22.8 |
| 800 | 10,600 | 205.34 | 221.71 | 16.37 | 8.0 |
| 1,200 | 5,000 | 292.33 | 298.12 | 5.79 | 2.0 |
| 2,000 | 4,300 | 466.32 | 450.94 | -15.39 | -3.3 |

Bill Impact Mitigation

- No impact mitigation required for Seasonal moving to UR and R1 residential rate classes
- Mitigation required for Seasonal moving to R2
- Mitigation options considered:
 - "Phase-in Via Credits": move to full R2 rates in 2016 and apply credits to limit impacts to 10%
 - 2. "Phase-in Rates Over 8 Years": move to R2 fixed rates over 8 years

Phase-in Via Credits

| 2015 Rates | | kW/h | 2015 | 2016 | Change | % | 2016 | Bill Credit |
|-------------------------------|---|---|--|--|--|---|---|--|
| =\$28.62 =\$0.0764/kWh | | N V V II | Total Bill | Total Bill | 15 to 16 | Change | Mitigated Bill (2015 + 10%) | to Limit Impact to 10% |
| 2 F=\$65.52 V=\$0.0424/kWh | | 50 | 42.22 | 78.44 | 36.22 | 85.8 | 46.44 | 32.00 |
| | Γ | 100 | 53.09 | 87.99 | 34.90 | 65.7 | 58.40 | 29.59 |
| | | 150 | 63.97 | 97.54 | 33.58 | 52.5 | 70.36 | 27.18 |
| Rates | | 200 | 74.84 | 107.10 | 32.25 | 43.1 | 82.34 | 24.77 |
| =\$65.52 | \mathbf{Y} | 400 | 118.34 | 145.30 | 26.96 | 22.8 | 130.17 | 15.13 |
| V=\$0.0493/kWh | | 600 | 161.84 | 183.50 | 21.67 | 13.4 | 178.02 | 5.48 |
| =\$65.52 | | 800 | 205.34 | 221.71 | 16.37 | 8.0 | 224.87 | 0 |
| V=\$0.0493/kWh | | 2000 | 466.32 | 450.94 | -15.39 | -3.3 | 512.95 | 0 |
| | =\$28.62 =\$0.0764/kWh =\$65.52 =\$0.0424/kWh ates =\$65.52 =\$0.0493/kWh =\$65.52 | =\$28.62 =\$0.0764/kWh =\$65.52 =\$0.0424/kWh ates =\$65.52 =\$0.0493/kWh =\$65.52 | kWh $$28.62$ $$0.0764/kWh$ $$65.52$ $$0.0424/kWh$ 100 150 150 150 $$65.52$ $$0.0493/kWh$ $$0.0493/kWh$ | kWh2015 Total Bill $$28.62$ $$0.0764/kWh$ 50 42.22 $$65.52$ $$0.0424/kWh$ 50 42.22 $$50$ 42.22 100 53.09 $$150$ 63.97 150 63.97 $$200$ 74.84 400 118.34 $$65.52$ $$50.0493/kWh$ 600 161.84 $$65.52$ $$0.0493/kWh$ 800 205.34 | \$28.62 \$0.0764/kWh \$65.52 \$0.0424/kWh \$100 \$53.09 \$78.44 \$100 \$53.09 \$799 \$150 \$63.97 \$74.84 \$100 \$65.52 \$0.0423/kWh \$65.52 \$0.0493/kWh \$65.52 \$0.0493/kWh | \$28.62 \$2015 2016 Change \$0.0764/kWh Total Total Total Bill Bill 15 to \$65.52 \$0.0424/kWh \$00 \$150 \$42.22 78.44 \$36.22 \$100 \$53.09 \$87.99 \$34.90 \$150 63.97 97.54 \$33.58 \$200 74.84 107.10 \$2.25 \$400 118.34 145.30 \$26.96 \$65.52 \$400 161.84 \$183.50 \$21.67 \$50 0.493/kWh \$400 \$205.34 \$21.71 \$16.37 | *\$28.62 *\$0.0764/kWh 2015 2016 Change % *\$65.52 50 42.22 78.44 36.22 85.8 *\$0.0424/kWh 100 53.09 87.99 34.90 65.7 *\$65.52 150 63.97 97.54 33.58 52.5 *\$65.52 200 74.84 107.10 32.25 43.1 *\$65.52 400 118.34 145.30 26.96 22.8 *\$65.52 600 161.84 183.50 21.67 13.4 *\$65.52 800 205.34 221.71 16.37 8.0 | \$\$28.62 \$\$ \$\$2015 \$\$2016 \$\$Change \$\$% \$\$2016 \$\$Mitigated \$\$Bill \$ |

Option 1: Phase-in Via Credits

- Credits required until 2021 for lowest consumption, shorter period for higher consumption
- Use of average consumption for customers in 0-150 kWh range (i.e. 75 kWh) would result in a 2016 credit of \$30.80
 - This is within +/- \$3 of credits for all customers within range and would shorten mitigation period to 2020

| Consumption | | 2017 | 2018 Creatit | 2019 Creadit | 2020 | 2021 |
|-------------------|---------|---------|-----------------|-----------------|---------|--------|
| Range | Credit | Credit | Credit | Credit | Credit | Credit |
| 50 | \$32.00 | \$27.36 | \$22.25 | \$16.63 | \$10.45 | \$3.65 |
| 100 | \$29.59 | \$23.75 | \$17.33 | \$10.26 | \$2.49 | |
| 150 | \$27.18 | \$20.14 | \$12.40 | \$3.89 | | |
| 200 | \$24.77 | \$16.54 | \$7.48 | | | |
| 400 | \$15.13 | \$2.11 | | | | |
| 600 | \$5.48 | | | | | |
| Monthly Credit | \$1.8M | \$1.3M | \$0.9M | \$0.6M | \$0.3M | \$0.1M |

Option 1: Phase-in Via Credits

How to fund the credits paid to Seasonal R2 customers?

• Fund monthly credits via *monthly debits* to formerly Seasonal in all residential rate classes that would otherwise see bill impacts of less than 10%

E.g. Formerly Seasonal moving to R1

| kWh | 2015 Total Bill | 2016 Total Bill | Bill Debit to Bring S R2 Impacts to 10% | 2016 Mitigated Bill |
|-----|-----------------------|-----------------------|--|---------------------------|
| 50 | 42.22 | 36.92 | 7.14 | 44.06 |
| 400 | 118.34 | 97.43 | 24.56 | 121.99 |
| 800 | 205.34 | 166.58 | 44.47 | 211.05 |

Option 1: Phase-in Via Credits

PROS:

- Easy to communicate to customers
- Impacts of eliminating Seasonal class clearly visible to customers
- Credits targeted to *only* those Seasonal R2 customers that need them
- Shortest possible phase-in period by maintaining 10% impacts until Seasonal rates fully integrated
- Phase-in costs shared among all formerly Seasonal customers

CONS:

- Some complexities with administering credits / debits
- Delays full benefits for Seasonal customers moving to medium and high density year-round residential rate classes

Option 2: 8-Year Phase-in of Rates

| 201 | 5 Rates | |
|-----|----------------|-----|
| S | F=\$28.62 | |
| | V=\$0.0764/kWh | |
| R2 | F=\$65.52 | |
| | V=\$0.0424/kWh | |
| | | - |
| 201 | 6 Rates | |
| S | F=\$33.23 | 6 |
| | V=\$0.0556/kWh | P |
| R2 | F=\$65.52 | |
| | V=\$0.0556/kWh | |
| | | I I |

Seasonal to R2

| kWh | 2015 Total Bill | | | % Change |
|------|--------------------|--------|--------|-------------|
| 50 | 42.22 | 45.92 | 3.71 | 8.8 |
| 100 | 53.09 | 55.80 | 2.70 | 5.1 |
| 150 | 63.97 | 65.67 | 1.70 | 2.7 |
| 200 | 74.84 | 75.54 | 0.70 | 0.9 |
| 400 | 118.34 | 115.02 | -3.32 | -2.8 |
| 800 | 205.34 | 194.00 | -11.34 | -5.5 |
| 1200 | 292.33 | 272.97 | -19.36 | -6.6 |
| 2000 | 466.32 | 430.91 | -35.41 | -7.6 |

Option 2: 8-Year Phase-in of Rates

PROS:

- Easy to communicate to customers
- Easy to implement

CONS:

- Disproportionate impacts across Seasonal R2 customers, with bill reductions for high volume Seasonal R2 customers while other seasonal within class see bill increases
- Year-round R2 residential customers "funding" the reduced fixed charges applicable to Seasonal R2 customers via higher variable charges may not be perceived as fair
- Seasonal customers in medium and high density residential rate classes see largest benefits as a result of eliminating Seasonal class but do not contribute to mitigation of bill impacts
- Impacts of eliminating Seasonal class not clearly visible to customers

Option 2b: 8-Year Phase-in (modified)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|-------|
| R2 Fixed (\$/mnth) | 65.52 | 65.52 | 65.52 | 65.52 | 65.52 | 65.52 | 65.52 | 65.52 |
| S-R2 Fixed (\$/mnth) | 33.23 | 37.84 | 42.45 | 47.06 | 51.67 | 56.28 | 60.89 | 65.52 |
| Fixed charge lost revenue | \$2.7M | \$2.3M | \$1.9M | \$1.5M | \$1.1M | \$0.7M | \$0.3M | \$0 |
| Variable (c/kWh) | 5.555 | 5.466 | 5.376 | 5.287 | 5.198 | 5.108 | 5.019 | 4.929 |

- Instead of increasing variable charge for all R2 class customers, recover fixed charge lost revenue from all formerly Seasonal customers
- Same "net" effect as credit approach to mitigation but more complex to communicate and impacts of eliminating Seasonal class not as clearly visible to customers

Mitigation Summary & Recommendation

| Guiding Principles | OEB Direction Prior experience with mitigating large bill impacts Fairness (cost causality, simplicity, lack of controversy) Provides for full recovery of utility's costs Can be efficiently administered |
|-------------------------|---|
| Option | Key Features |
| L. Phase-in via credits | Impacts phased in over 4 years for majority of customers and 6 years for lowest consumption Credits only applied where required to reduce bill impacts to 10% Phase-in costs funded by all formerly seasonal customers Full impacts of moving to year-round residential and required mitigation fully visible to customers |
| 2. Phase-in fixed rates | Impacts phased in over 8 years Reduced fixed charge provides phase-in benefits to all S R2 even if impacts are below 10% Reduced fixed charges during phase-in funded via higher variable charges that impact all R2 customers |
| 2a. Modified option 2. | Same as option 2 except phase-in costs recovered via debits from all formerly seasonal customers |
| | |

RRRP

OEB decision is that RRRP cannot be applied to customers that do no meet year-round residency status (e.g. formerly Seasonal)

- RRRP was formerly known as RRA, which began in 1982. From the outset RRA did not apply to Seasonal customers
- O.Reg.442/01 came into effect in 2001 and RRA became RRRP
- O.Reg.442/01 provides a credit only to customers using properties as a year-round residence, reflecting the practice established under RRA
- Hydro One's criteria for being classified as year-round residential (and therefore eligible for RRRP) is tied to confirming principle residence status
- This same "principle residence" approach is used by Algoma, Veridian and Nova Scotia Power for their Seasonal rate classes
- Hydro One has no plans to change its residency criteria

Feedback on Presentation

- Any questions of clarification?
- Are there other options?
- Are there other pros and cons associated with the options identified?
- What option do stakeholders prefer?
- Any other advice or considerations for August 4th report?

OPTIONS TO ELIMINATE SEASONAL RATES



Seasonal Rate Elimination Stakeholder Session | Hydro One Networks Inc. | June 10, 2015

Guiding Principles

- OEB direction
- Fairness
- Minimize costs of the reclassification
- Minimize overall billing and meter reading costs while meeting customer needs



Billing and Meter Reading

Hydro One depends on both manual (36K) and automatically read (115K) meters

to collect information for seasonal billing (151K customers*)

Manual Meter Reading Challenges:

 <u>Accessibility:</u> distance, terrain, island access, impassible roads in winter, inside meters, customer refusal, historical meter placement, locked gates

Cost: average of \$31 per scheduled read (more for unscheduled)

Automated Meter Reading Challenges:

- <u>Foliage</u>: tree density, tree type and terrain can interrupt communication signals and prevent reads from being transferred on time
- <u>Network Coverage</u>: cost prohibitive to cover entire Hydro One service area
- Equipment Malfunction: assets that make up the smart meter network (e.g. pole top regional collectors, repeaters and smart meters) are electronic devices and are susceptible to failure

Cost: minimal incremental cost per read

Customer Billing Information:

- <u>Paper Bills:</u> Costs for paper stock, envelopes, postage and handling
- <u>e-Billing:</u> "paperless" billing with electronic bill images and bill inserts made available to store and/or print at customer preference

Cost: \$2/paper bill issued \$0.30/e-bill issued



Scenarios Considered

Hydro One investigated three different scenarios for elimination of the Seasonal Rate class and movement of the customers into appropriate residential classes.

| Scenario A | Retain Seasonal Billing and Meter Read Frequencies |
|-------------------|--|
| Scenario B | Adopt Residential Billing and Meter Read Frequencies |
| Scenario C | Usage-Based Billing and Meter Read Frequencies as Levers to Manage Overall Billing and Meter Reading Costs |



Scenarios Considered - A

SCENARIO A – RETAIN SEASONAL BILL/READ FREQUENCIES

- Move each seasonal class customer into the appropriate residential class urban (UR), medium (R1) or low density (R2) based on their specific density characteristics
- Retain the current default billing and meter reading frequencies associated with the existing seasonal class
 - Bill quarterly/read annually for manually read meters
 - Bill quarterly/read quarterly for automatically read meters

Change in Current Billing and Meter Reading Costs (\$0M)

| Pros | Cons |
|---|--|
| Maintains current seasonal bill and meter read frequencies which have not been identified as significant dis-satisfiers by seasonal customers | Seasonal customers with similar usage characteristics are treated differently than year round residential customers with respect to bill/read frequencies |
| Maintains billing and meter reading costs at current levels | Difficult to rationalize discrepancy in bill/read frequencies between seasonal and year round residential customers paying the same delivery rates |



Scenarios Considered - B

SCENARIO B – ADOPT RESIDENTIAL BILL/READ FREQUENCIES

- Move each seasonal class customer into the appropriate residential class urban (UR), medium (R1) or low density (R2) based on their specific density characteristics
- Adopt the current default billing and meter reading frequencies associated with the existing year round residential class
 - Bill monthly/read quarterly for manually read meters
 - Bill monthly/read monthly for automatically read meters

Billing and Meter Reading Costs Increase by ~\$3.7M

| Pros | Cons |
|--|--|
| High consumption seasonal customers likely to view increased bill/read frequencies positively | Low consumption seasonal customers and those whose consumption is confined to a few consecutive months likely to view increased bill/read frequencies negatively |
| All customers within the class who are paying the same delivery rate (seasonal and year round) have same bill/read frequencies | - Billing and meter reading costs increase significantly - Billing costs \cong 150% - Meter reading costs \cong 300% |
| | Significant increase in call handling and exception handling costs since volume of bills is a driver of these activities |
| | Significant increase in unplanned estimated bills due to accessibility of many seasonal meters during winter/spring |



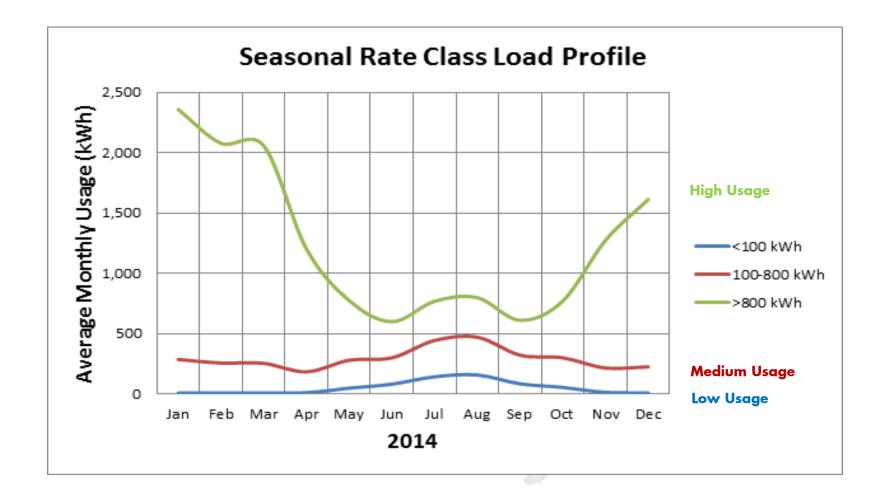
Scenarios Considered - C - Hybrid

SCENARIO C – HYBRID

- Move each seasonal class customer into the appropriate residential class urban (UR), medium (R1) or low density (R2) based on their specific density characteristics
- Consider average monthly consumption and annual usage patterns, meter read method and availability/reliability in comparison to year round residential
- Use bill and meter read frequencies as levers to manage overall billing and meter reading costs
- Seasonal billing costs change from an increase of approximately \$100K to a savings of up to approximately \$400K depending on e-billing uptake

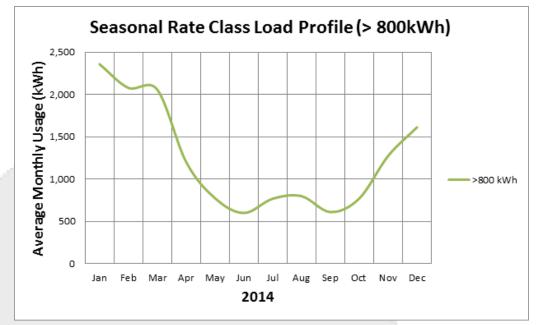


Scenarios Considered - C - Hybrid





Seasonal Load Profiles – High Usage



- Represents 12% of all seasonal class customers (18K)
- 2K (11%) of these are read manually or have unreliable automated reads
- Annual electricity consumption is similar to average year round residential customers (800 kWhs/month)
- Load profile over the year is similar to year round residential customer without air conditioning load (higher usage in colder months lower in warmer months)
- Load present throughout the entire year without any prolonged periods of zero usage

Seasonal Load Profiles – High Usage



Recommendation

29

- Leave customers on existing seasonal billing frequency if paper based but move to residential billing frequency if on e-billing
- Increase manual meter read frequency to 4 times per year for TOU exempt customers
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application

Seasonal Load Profiles – Medium Usage



- Represents 45% of all seasonal class customers (68K)
- 6K (9%) of these are read manually or have unreliable automated reads
- Annual electricity consumption is lower than average year round residential customers
- Load profile over the year is different than typical year round residential customer with usage climbing during May/June, peaking in July/August and dropping September/October to base winter level
- Load present throughout the entire year without any prolonged periods of zero usage



Seasonal Load Profiles – Medium Usage

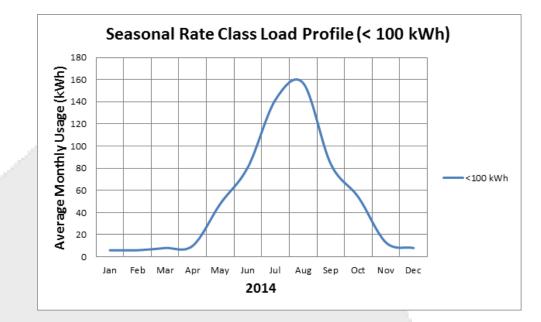


Recommendation

- Leave customers on existing seasonal billing and meter read frequency if paper based but move to residential billing frequency if on e-billing
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application



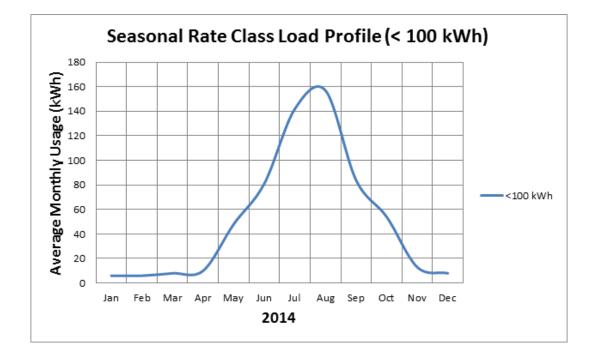
Seasonal Load Profiles – Low Usage



- Represents 43% of all seasonal class customers (65K)
- 28K (43%) of these are read manually or have unreliable automated reads
- Electricity consumption is much lower than average year round residential customers
- Load profile over the year is the same pattern as medium usage seasonal, however the peak usage in July/August time period is less at 160 kWh/month (versus nearly 500 kWh) and the usage in the shoulder months drops dramatically to almost zero consumption at the base winter level (medium usage about 250 kWh/month in the same time period)
- Prolonged periods of zero or near zero usage during winter months



Seasonal Load Profiles – Low Usage



Recommendation

- Move customers to 2 bills and 1 read per year frequency if paper based but move to residential billing frequency if on e-billing
- Review eligibility for billing/meter read frequency on same frequency as Dx rate application



Proposed Bill and Meter Read Frequencies and Potential Savings Scenario C "Hybrid"

| Average Monthly Usage | # of Seasonal Customers | # TOU & Non- TOU/Read Reliability Accounts | Bill / Read Frequency | Incremental Cost of Meter Reads | Incremental (Savings) of Paper Bills @ \$2/bill | Incremental (Savings) of e- Bills @ \$0.30/bill (based on 12 e-Bills/year) |
|-----------------------------|-------------------------------|---|--------------------------|---------------------------------------|--|---|
| > 800 kWh | 18K | 16K | 12/12 | Negligible | N/A | ~(\$70,000) |
| | | | 4/4 | Status Quo | Status Quo | N/A |
| | | 2К | 4/4 | ~\$200,000 | Status Quo | N/A |
| 100 – 800 kWh | 68K | 62K | 12/12 | Negligible | N/A | ~(\$273,000) |
| | | | 4/4 | Status Quo | Status Quo | N/A |
| | | 6К | 4/1 | Status Quo | Status Quo | N/A |
| < 100 kWh | 65K | 37К | 12/12 | Negligible | N/A | ~(\$163,000) |
| | | | 4/4 | Status Quo | Status Quo | N/A |
| | | 28К | 2/1 | Status Quo | ~(\$112,000) | N/A |
| TOTALS | 151K | 151K | N/A | ~\$200,000 | ~(\$112,000) | ~(\$506,000) |

Recommendation

Scenario C with the proposed bill and meter read frequencies is the recommended option for the following reasons:

- Satisfies the guiding principles of: meeting OEB direction, fairness, minimizing costs of the reclassification and minimizing overall billing and meter reading costs while meeting customer needs
- 2. While billing and meter reading frequencies will differ within the rate class, they are driven by the following characteristics and may therefore be viewed as reasonable/supportable:
 - Customer usage level and pattern (year round or seasonal/summer loaded)
 - Billing method (paper bills vs e-bills)
 - Meter read method/reliability



Recommendation (cont'd)

Scenario **C** with the proposed bill and meter read frequencies is the recommended option for the following reasons:

- 3. Maximizes billing and meter reading frequencies within reasonable cost parameters . Billing and meter reading frequencies reviewed in conjunction with Dx rate applications
- Reduces bill frequency to twice per year (notionally June and December) for low use seasonal customers – same frequency as pre-1998 and maintains annual meter read frequency
- 5. Although bill frequency is reduced for low use seasonal customers to twice per year, they can opt for e-billing to increase frequency



Feedback on Presentation

- Any questions of clarification?
- Are there other options?
- Are there other pros and cons associated with the options identified?
- What option do stakeholders prefer?
- Any other advice or considerations for August 4th report?

Conditions of Service

As part of the implementation of the OEB direction on the seasonal customers Hydro One will be updating our Conditions of Service.

Some examples:

Section 1.6: Customer Rights and Obligations:

No Charge Outage for Upgrade or Maintenance of Customer Equipment for Safety Reasons

Hydro One will, upon at least ten (10) days' prior notice from the Customer, once each calendar year during normal business hours, disconnect and reconnect the Customer's service without charge, for the Customer to upgrade or maintain Customer Equipment for <u>safety reasons</u>, including, but not limited to, the safe clearance of trees and vegetation from Customer lines.

Hydro One will be amending the current Conditions of Service to ensure that the intent of this section (i.e. disconnect and reconnect for the purposes of safely upgrading or maintaining customer equipment) is reinforced

• Section 2.2.J: Disconnection and Load Control



Impact of OEB Move to "All-Fixed"

- Comparison of impacts from moving to all-fixed
- Seasonal customers moving to R1 with Seasonal eliminate only marginally better off than maintaining Seasonal Status Quo
- Seasonal customers moving to R2 with Seasonal eliminated are much better off with maintaining Seasonal Status Quo

| | | 2016 Seasonal Status Quo Move to All-Fixed | | 2016 Seasonal Eliminated Move to R1 All-Fixed | | 2016 Seasonal Eliminated Move to R2 All-Fixed | |
|------|--------------------|--|-------------|---|-------------|---|-------------|
| kWh | 2015 Total Bill | Total Bill | % Change | Total Bill | % Change | Total Bill | % Change |
| 50 | 42.22 | 70.12 | 66% | 65.89 | 56% | 128.11 | 203% |
| 400 | 118.34 | 119.05 | 1% | 114.01 | -4% | 177.42 | 50% |
| 1000 | 248.83 | 202.94 | -18% | 196.5 | -21% | 261.95 | 5% |