

1 **Urban Residential (High Density)**

2 This customer class will include all existing Legacy residential, farm and Acquired LDCs
3 residential customers that meet the Urban Density Criteria. The Urban Density criteria is
4 unchanged and is defined as areas containing 3,000 or more customers with a line density
5 of at least 60 customers per kilometer. The proposed Urban Residential customer class
6 has 155,840 customers in 2006 some of which are mapped from the other original Legacy
7 classes and the Acquired residential classes, as shown in the Table below.

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9 **Table 1**
10 **Proposed Urban Residential (High Density) customers 2006 Data**
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Current Customer Class	Number of Customers
Urban Legacy	82,519
R1 Legacy	11,753
R2 Legacy	293
Farm single-phase	128
Acquired LDCs Residential	61,147
	155,840

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13 **R1 Residential (Medium Density)**

14 This customer class will include all R1 Legacy customers that have not been reclassified
15 to Urban class and all remaining Acquired Residential customers that have not been
16 reclassified as Urban class. The proposed R1 Residential customer class in 2006 has
17 365,190 customers as shown in the Table below.

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Table 2
Proposed R1 Residential (Medium Density) customers 2006 Data

Current Customer Class	Number of Customers
R1	292,508
Acquired LDCs Residential	72,682
	365,190

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R2 Residential (Low Density)

6 This customer class includes all current R2 customers that have not been reclassified to
7 Urban and all energy billed Farm customers that are currently single-phased or three-
8 phased Farms. These groups of customers receive Rural or Remote Electricity Rate
9 Protection, (RRRP). This group also includes one Caledon residential class. The
10 proposed R2 Residential customer class has 358,328 customers in 2006 as shown in the
11 Table below.

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Table 3
Proposed Rural Residential (Low Density) customers 2006 Data

Current Customer Class	Number of Customers
R2	272,111
Caledon OH-06	7,266
Farms single phase	78,720
Farms three-phase	231
	358,328

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Seasonal Residential

17 This customer class will include all current R3 and R4 and Caledon OH-07 customers.
18 This customer class in 2006 has 154,437 customers as shown in the Table below:
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Table 4
Proposed Seasonal Residential customers 2006 Data

Current Customer Class	Number of Customers
R3	70,750
R4	83,477
Caledon OH-07	210
	154,437

Urban General Service Energy Billed

This customer class will include all existing Legacy General Service, Farms and Acquired General Service customers that meet the Urban Density Criteria and are energy billed. The Urban Density criteria is unchanged and is defined as areas containing 3,000 or more customers with a line density of at least 60 customers per kilometer. The proposed Urban General Service energy billed customers class has 12,427 customers in 2006 as show in the Table below.

Table 5
Proposed Urban General Service energy billed customers 2006 Data

Current Customer Class	Number of Customers
Urban General Service Legacy customers energy billed	5,309
General Service single phase	425
General Service three-phase	432
Farm single-phase	18
Acquired LDCs General Service	6,243
	12,427

Urban General Service Demand Billed

This customer class will include all existing Legacy General Service and Acquired General Service customers that meet the Urban Density Criteria, are demand billed, and

1 are supplied at voltages below 13.8 kV. The Urban Density criteria is unchanged and is
2 defined as areas containing 3,000 or more customers with a line density of at least 60
3 customers per kilometer. The proposed Urban General Service energy billed customers
4 class has 1,375 customers in 2006 as show in the Table below.

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6 **Table 6**
7 **Proposed Urban General Service demand billed customers 2006 Data**
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Current Customer Class	Number of Customers
Urban General Service Legacy customers demand billed	593
General Service single phase	8
General Service three-phase	119
Acquired LDCs General Service	655
	1,375

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10 **General Service Energy Billed**

11 This customer class will include: all energy billed customers that are currently single-
12 phase General Service customers, three-phase General Service customers, Acquired
13 General Service customers, all energy billed Farm customers that are currently single-
14 phased or three-phased Farms that do not receive RRRP, and energy billed T-class
15 customers. All these customers are customers with average demands below 50 kW and
16 do not meet the Urban Density criteria. The proposed General Service energy billed
17 customer class in 2006 has 92,225 customers as show in the Table below. This class will
18 also include all unmetered scattered load connections.

Table 7
Proposed General Service Energy Billed customers 2006 Data

Current Customer Class	Number of Customers
General Service single-phase energy billed	55,032
General Service three-phase energy billed	10,318
T-Class customers energy billed	14
Farm single phase energy billed and no RRRP	8,723
Farm three phase energy billed and no RRRP	589
Acquired LDCs General Service customers energy billed	12,632
Unmetered Scattered Load	4,917
Total Number of Customers	92,225

General Service Demand Billed

This customer class will include: all demand billed single-phase General Service customers, three-phase General Service customers, Acquired General Service customers, all demand billed Farm customers that are currently single-phased or three-phased Farms, and T-Class customers below 500 kW of demand. All these are customers with average demands above 50 kW, supplied at voltages below 13.8 kV, and do not meet the Urban Density criteria. The proposed General Service energy billed customer class in 2006 has 6,849 customers, as shown in the Table below.

Table 8
Proposed General Service Demand Billed customers 2006 Data

Current Customer Class	Number of Customers
General Service single-phase demand billed	579
General Service three-phase demand billed	4,044
Farm single phase demand billed	495
Farm three-phase demand billed	389
T-Class customers demand billed and with demands below 500 kW	175
Acquired LDCs General Service customers demand billed	1,167
Total Number of Customers	6,849

Distributed Generator

As per the Board's direction in the EB-2005-0528 proceeding, Hydro One has created a new customer class consisting of all 81 active Distributed Generators located within its territory in 2006. The current customer classification for these customers is 48 T-class Customers, 1 Acquired General Service customer, and 32 General Service three-phase customers.

Street Lighting

Classification for street lighting service only

Sentinel Lighting

Per the requirements of Regulation 116/02 made under the *Electricity Act, 1998* Hydro One Networks includes the provision of sentinel lighting service as part of its regulated business. This rate classification is applicable for sentinel lighting service only, and includes the cost of providing distribution service to the sentinel lights. The cost for providing this service is determined using the cost allocation methodology recommended

1 by the Board as part of proceeding EB-2005-0317, and is net of the miscellaneous
2 revenues associated with charges for providing the sentinel lights themselves.

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4 **Sub-Transmission (ST) Customer Class**

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6 This customer class will include all three-phase customers with demands above 500 kW
7 that provide their own transformation facilities and are connected at voltages of 13.8 kV
8 or above. The class will also include all Embedded LDC supply points, some of which
9 are connected at voltages below 13.8 kV. This ST class will include some customers
10 from the following groups: T-class customers, Acquired General Service customers,
11 Urban General Service customers, three-phase General Service customers, three-phase
12 Farms, all Acquired Large Users, all Direct customers and all Embedded LDC supply
13 points. The proposed Sub-Transmission customer class in 2006 has 670 Delivery Points
14 as show in Table 9.

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Table 9
Proposed Sub-transmission Delivery Points 2006 Data

Current Delivery Points	Number of Delivery Points
Urban General Service above 500 kW	10
General Service three-phase above 500 kW	57
Acquired LDCs General Service customers above 500 kW	72
T-Class customers above 500 kW	124
Farm three-phase above 500 kW	1
Acquired Large Users	6
Embedded Direct	42
Embedded LDCs	358
Total Number of Delivery Points	670

The above mentioned 12 customer classes have been used in Hydro One's Cost Allocation Study to allocate the 2008 proposed Revenue Requirement amongst the customer classes.