

Commercial Water Heater Incentive Program

Launched April 1, 2015

Eric Souque
Commercial HVAC Program



New Incentive Program

- Commercial customers installing retrofit condensing gas water heaters
- Replacing either:
 - Standard or Mid-efficiency gas water heaters
 - Electric tanks
- No pre-approval required
 - Submit within 90 days of install
- Program launched: April 1, 2015

Eligibility

- Retrofit commercial application
 - Between 75,000 and 500,000 BTU/h*
 - Condensing gas (TE/EF 90% or greater)
 - 700 annual full load hours
 - No Indirect
-
- DHW no longer eligible for Boiler incentive

Rebates

	Product	\$ / MBH
Retrofit	Tankless	\$3.50
	Storage	\$6.00

- Rebate is LESSER of new system or existing system input capacity.

Application Form – Program Page

PROPOSED SYSTEM					
Water heater	Manufacturer	Model no.	Thermal efficiency % or energy factor rating	Tank or tankless	Water heater input (MBH)
#	<i>e.g. ABC Corp.</i>	<i>AMC-299</i>	<i>90%</i>	<i>Tankless</i>	<i>299</i> MBH
1	ABC Corp	AMC-199	90%	Tankless	199 MBH
2	ABC Corp	AMC-199	90%	Tankless	199 MBH
3	ABC Corp	AMC-199	90%	Tankless	199 MBH
TOTAL ▶					597 MBH

A
597 MBH

EXISTING SYSTEM						
Water heater	Equipment age	Manufacturer	Model no.	Tank or tankless	Fuel type (natural gas or electric)	Water heater input * (MBH)
#	<i>e.g. 15 years</i>	<i>123 Corp.</i>	<i>123C-500T</i>	<i>Tank</i>	<i>natural gas</i>	<i>500</i> MBH
1	13 yrs	123 Corp.	123C-399	Tank	Gas	399 MBH
2						MBH
3						MBH
TOTAL ▶						399 MBH

Note: Picture of existing water heater configuration and nameplate(s) required.

B
399 MBH

* For existing electric tanks convert the input rating to MBH (kW input x 5.14 = MBH input)

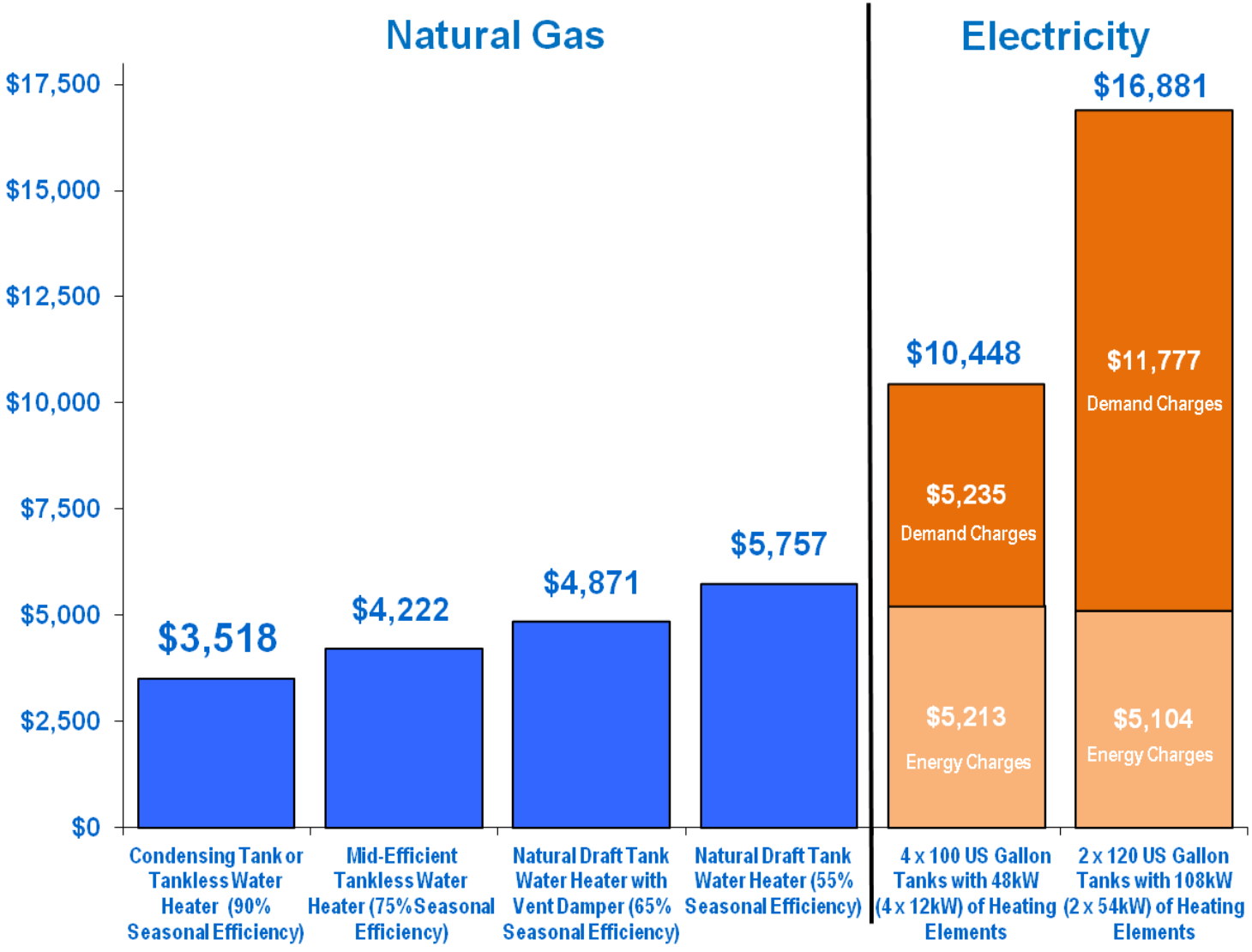
INCENTIVE TABLE	Incentive factor (\$ / MBH)
Tank Water Heater	\$6
Tankless Water Heater	\$3.50

Incentive Calculation

A	597 MBH	x	INCENTIVE FACTOR (\$) \$ 3.50	=	PROPOSED SYSTEM INCENTIVE (C) \$ 2,090
B	399 MBH	x	INCENTIVE FACTOR (\$) \$ 6	=	EXISTING SYSTEM INCENTIVE (D) \$ 2,394

CONDITIONAL INCENTIVE REQUEST (THE LESSER OF C OR D)
\$ 2,090

Typical Annual Water Heating Costs for 40 Suite Apartment Block



ENERGY RATES*
Natural Gas:
 Large General Service
 \$0.2304/cubic metre

Electricity:
 General Service Medium
 Energy: \$0.03552/kWh
 +
 Demand: \$9.09/kV.A

*Rates in effect on May 1, 2015

Types of Water Heaters

Example - Gas

- Removing 400,000 BTU or larger gas tank
- 1100 annual load hours
- 399,000 BTU condensing storage tank
 - Incremental cost \$5,500
- Rebate of \$2,394
- **Bill savings of \$1,009/yr**
- Incremental payback 3 years

Example - Electric

- Removing 54KW electric tank
- 1100 annual load hours
- 199,000 BTU condensing storage tank
 - Incremental cost \$4,400
- Rebate of \$1,194
- **Bill savings of \$1,530/yr**
- Incremental payback 2 years

Program Steps

Purchase and Install

Completion

- Application Form
- Detailed invoice & Picture of existing system
- Completion Questionnaire

Post Inspection

- Gas Permit Approval

Incentive Cheque

Commercial HVAC - Contacts

Program Support

Applications:	Debbie Edkins	204-360-3038
	Samantha Wilson	204-360-3242
	Eric Souque	204-360-3083

Technical Support

Water Heaters:	Rob Andrushuk	204-360-7716
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Pre-rinse Spray Valves

- New low-flow spray valve (0.65 US/GPM) offer under the Commercial Kitchen Appliances Program:
 - FREE low-flow spray valve(s)
 - FREE installation (Ecofitt)
 - 1-year warranty
 - Recycling of old, inefficient valve

How to Take Part

- Contact Ecofitt to book installation
1-877-ECO-FITT (1-877-326-3488)
- Contact Manitoba Hydro for more information:
 - powersmartforbusiness@hydro.mb.ca
 - 204-360-3676