

OVERVIEW OF CDM PLAN	
This CDM Plan must be used by the LDC in submitting a CDM Plan to the IESO under the Energy Conservation Agreement between the LDC and the IESO. The CDM Plan will consist of the information provided in this document and any additional information and supporting documents provided by the LDC to the IESO in support of this CDM Plan. Capitalized terms not otherwise defined herein have the meaning ascribed to them in the Energy Conservation Agreement as may be applicable.	
Complete all fields within the CDM Plan that are applicable. Where additional space is required to complete a section of the CDM Plan, please append additional pages as required. The LDC should indicate that additional information has been attached in the related question field on the CDM Plan. Please refer to the CDM Plan Submission and Review Criteria Rules for further information.	

**A. General Information**

<b>1. CDM Plan Submission Date: (DD-Mon-YYYY)</b>	April 20 2016
<b>CDM Plan Version</b>	Amendment No.2

2. LDC INFORMATION										
	LDC 1	LDC 2	LDC 3	LDC 4	LDC 5	LDC 6	LDC 7	LDC 8	LDC 9	LDC 10
<b>LDC Name:</b>	Hydro Hawkesbury Inc.	Cooperative Hydro Embrun Inc.	Hydro 2000 Inc.							
<b>Company Representative:</b>										
<b>Name:</b>	Michel Poulin	Benoit Lamarche	Rene Beaulne							
<b>Title:</b>	Manager	Manager	Manager							
<b>Email Address:</b>	MichelPoulin@HydroHawkesbury.ca	embrunhydro@magma.ca	aphydro@hawk.igs.net							
<b>Phone Number (XXX-XXX-XXXX):</b>	613-632-6689	613-443-5110	613-679-4093							

<b>3. Primary Contact for CDM Plan</b>	
<b>Name:</b>	
<b>LDC Name:</b>	
<b>Title:</b>	
<b>Email Address:</b>	
<b>Phone Number (XXX-XXX-XXXX):</b>	

<b>Estimated Start Date of CDM Plan: (DD-Mon-YYYY)</b>	1-Jan-2016
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LDC CONFIRMATION FOR CDM PLAN	
Each LDC to this CDM Plan has executed the Energy Conservation Agreement.	Yes
A completed Cost-Effectiveness Tool is attached and forms part of the CDM Plan.	Yes
A completed Achievable Potential Tool is attached and forms part of the CDM Plan.	Yes
All customer segments in each LDC's service area are served by the Programs set out in this CDM Plan.	Yes
The CDM Plan includes all electricity savings attributable to all Programs and pilot programs that have in-service dates between Jan 1, 2015 and December 31, 2020.	Yes
The CDM Plan Budget for each LDC includes all eligible funding under the full cost recovery and pay-for-performance mechanisms for Programs under its CDM Plan.	Yes
Frequency of LDC Invoicing to IESO (subsequent changes to the frequency should be notified to us by email).	Monthly

COMPLETE FOR CDM PLAN AMENDMENTS ONLY	
<i>Select the reason(s) for CDM Plan amendment, as per ECA.</i>	
One time each calendar year of the term	
LDC wishes to request an adjustment to the CDM Plan Budget	
The amendments to a provision of the ECA or any Rules will have a material effect on the CDM Plan	
LDC's actual spending under CDM Plan has exceeded (or is reasonably expected to exceed) the portion of the CDM Plan Budget allocated to the current year of the term	
Under a joint CDM Plan, LDCs that are parties to a joint CDM Plan reallocate any portion of their respective CDM Plan Targets and CDM Plan Budgets [Reallocation not subject to IESO approval]	
IESO has triggered remedies under Article 5 of the ECA	
LDC seeking to change its selection of the type of funding that it wishes to receive for each Program in the CDM Plan [ECA, section 4.1]	
Other (Please specify reason)	Yes

## B. LDC Authorization

LDC DECLARATION
Please complete the declaration for each LDC that is listed in this CDM Plan. A separate page with each LDC's signed declaration should be included as part of the CDM Plan submission.

LDC	
<i>I represent that the information contained in this CDM Plan as it relates to the LDC is complete, true, and accurate in all respects. I acknowledge and agree to the following terms and conditions: (1) if this CDM Plan is approved by the IESO and accepted by each LDC to this CDM Plan, the CDM Plan together with any conditions to that approval is incorporated by reference into the Energy Conservation Agreement between the LDC and the IESO (2) the LDC will offer the Programs set out in Table 2 of this CDM Plan to customers in its service area; and (3) the LDC of will implement this CDM Plan in accordance with the CDM Plan Budget.</i>	
<b>LDC's Legal Name:</b>	
<b>Company Representative:</b>	
<b>Signature</b>	
	<i>I/We have the authority to bind the Corporation.</i>
<b>Date (DD-Mon-YYYY)</b>	

C. CDM Plan Summary

TABLE 1: SUMMARY OF CDM PORTFOLIO SAVINGS AND BUDGET											
	CDM PLAN TOTAL	LDC 1	LDC 2	LDC 3	LDC 4	LDC 5	LCD 6	LCD 7	LCD 8	LCD 9	LCD 10
a. <b>Allocated LDC CDM Plan Target (MWh)</b> <i>Indicate total CDM Plan Target allocated to LDC(s)</i>	11,070	7,920.0	1,790.0	1,360.0							
b. <b>CDM Plan MWh Savings</b> <i>Calculated as part of CDM Plan</i>	11,086	7,928	1,797	1,361	0	0	0	0	0	0	0
c. <b>Allocated LDC CDM Plan Budget (\$)</b> <i>Indicate total budget allocated to LDC</i>	\$3,059,653	\$2,139,160.00	\$525,743.00	\$394,750.00							
d. <b>Total CDM Plan Budget (\$)</b> <i>Calculated as part of CDM Plan</i>	\$3,059,653	\$2,139,160	525,743	394,750	0	0	0	0	0	0	0
f. <b>CDM Plan Cost Effectiveness</b>  <i>Indicate annual portfolio-level Cost Effectiveness for CDM Plan as determined by LDC(s) using output from Cost-Effectiveness Tool</i>		Total Resource Cost (TRC)			Program Administrator Cost (PAC)			Levelized Cost			
	Program Year	Benefits (\$)	Costs (\$)	Ratio	Benefits (\$)	Costs (\$)	Ratio	(\$/kWh)			
	2015	\$920,000.16	\$384,399.43	2.4	\$800,000.14	\$0.03	26666671.4	\$0.000			
	2016	\$1,486,814.52	\$859,918.31	1.7	\$1,292,882.19	\$535,817.53	2.4	\$0.033			
	2017	\$1,609,596.94	\$871,843.57	1.8	\$1,399,649.51	\$570,562.52	2.5	\$0.036			
	2018	\$1,778,466.77	\$980,328.66	1.8	\$1,546,492.84	\$617,639.78	2.5	\$0.035			
	2019	\$1,631,859.70	\$881,983.56	1.9	\$1,419,008.44	\$577,652.16	2.5	\$0.036			
	2020	\$1,714,465.69	\$901,375.48	1.9	\$1,490,839.73	\$578,573.85	2.6	\$0.036			
	<b>CDM Plan Total</b>	<b>\$9,141,204</b>	<b>\$4,879,849</b>	<b>1.9</b>	<b>\$7,948,873</b>	<b>\$2,880,246</b>	<b>2.8</b>	<b>\$0.031</b>			
g. <b>Plan Cost Effectiveness-Exceptions Rationale</b> <i>Complete this section if proposed plan <u>does not</u> meet minimum Cost-Effectiveness Thresholds set out in CDM Plan Submission and Review Criteria Rules.</i>											







**E. Proposed Local and Regional Pilot CDM Programs**

Notes	
Complete the following Table(s) for each proposed local and regional Program or Pilot Program in the CDM Plan for which a business case has NOT previously been approved by the IESO. Please refer to the Program Development and Rule Revision Guideline and the Business Case Template for full details on requirements and submission of a business case for approval of a local or regional Program. For the process for receiving funding for a Pilot Program, refer to the LDC Program Innovation Guideline.	

TABLE 3a. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS	
a. Program Name	Use same "Program name" included in other worksheets
b. Program Type	
b. Estimated Business Case Submission Date (DD-Mon-YYYY)	
c. Customer Segment(s) Served by Programs	
d. Participating LDCs (if applicable)	
e. Overview of Proposed Program or Pilot	
<i>Provide overview of key objectives and elements of proposed program or pilot.</i>	

TABLE 3c. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS	
a. Program Name	Use same "Program name" included in other worksheets
b. Program Type	
b. Estimated Business Case Submission Date (DD-Mon-YYYY)	
c. Customer Segment(s) Served by Programs	
d. Participating LDCs (if applicable)	
e. Overview of Proposed Program or Pilot	
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TABLE 3e. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS	
a. Program Name	Use same "Program name" included in other worksheets
b. Program Type	
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c. Customer Segment(s) Served by Programs	
d. Participating LDCs (if applicable)	
e. Overview of Proposed Program or Pilot	
<i>Provide overview of key objectives and elements of proposed program or pilot.</i>	

TABLE 3f. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS	
a. Program Name	Use same "Program name" included in other worksheets
b. Program Type	
b. Estimated Business Case Submission Date (DD-Mon-YYYY)	
c. Customer Segment(s) Served by Programs	
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TABLE 3g. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS		
a. Program Name	<i>Use same "Program name" included in other worksheets</i>	
b. Program Type		
b. Estimated Business Case Submission Date (DD-Mon-YYYY)		
c. Customer Segment(s) Served by Programs		
d. Participating LDCs (if applicable)		
e. Overview of Proposed Program or Pilot	Provide overview of key objectives and elements of proposed program or pilot.	

TABLE 3h. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS		
a. Program Name	<i>Use same "Program name" included in other worksheets</i>	
b. Program Type		
b. Estimated Business Case Submission Date (DD-Mon-YYYY)		
c. Customer Segment(s) Served by Programs		
d. Participating LDCs (if applicable)		
e. Overview of Proposed Program or Pilot	Provide overview of key objectives and elements of proposed program or pilot.	

TABLE 3i. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS		
a. Program Name	<i>Use same "Program name" included in other worksheets</i>	
b. Program Type		
b. Estimated Business Case Submission Date (DD-Mon-YYYY)		
c. Customer Segment(s) Served by Programs		
d. Participating LDCs (if applicable)		
e. Overview of Proposed Program or Pilot	Provide overview of key objectives and elements of proposed program or pilot.	

TABLE 3j. PROPOSED LOCAL AND REGIONAL CDM PROGRAMS / PILOTS		
a. Program Name	<i>Use same "Program name" included in other worksheets</i>	
b. Program Type		
b. Estimated Business Case Submission Date (DD-Mon-YYYY)		
c. Customer Segment(s) Served by Programs		
d. Participating LDCs (if applicable)		
e. Overview of Proposed Program or Pilot	Provide overview of key objectives and elements of proposed program or pilot.	



## F. Detailed Information on Collaboration and Regional Planning

ADDITIONAL DETAILED INFORMATION	
<p><b>Regional LDC(s) Collaboration</b>  <i>Description of how the LDC(s) will collaborate with other LDCs. If collaboration will not occur, description of why it will not occur.</i></p>	<p>Hydro Hawkesbury, Cooperative Hydro Embrun and Hydro 2000 are collaborating in the development of regional programs and in provision of energy management resources to their customers. These LDCs are planning an application to the Collaboration Fund to support this provision of resources.</p>
<p><b>Gas Collaboration</b>  <i>Description of how the LDC(s) will collaborate with other gas utility programs delivered in service area (if applicable). If collaboration will not occur, description of why it will not occur.</i></p>	<p>Hydro Hawkesbury, Cooperative Hydro Embrun and Hydro 2000 Energy will collaborate with the gas utility by ensuring it's delivery agents are aware of gas utility programs and can inform customers of opportunities to participate in those programs as applicable.</p>
<p><b>CDM Contribution to Regional Planning</b>  <i>Description of how the CDM Plan considers the electricity needs and investments identified in other plans or planned initiatives, completed or underway within the LDC(s)' service area or region. This may include Integrated Regional Resource Plans or Municipal Community Energy Plans.</i></p>	<p>The CDM Plan includes estimates for savings to be achieved in partnership with the Region and multiple Municipalities including in identifying and capturing savings opportunities at their associated facilities. Hydro Hawkesbury, Cooperative Hydro Embrun and Hydro 2000 Energy are dedicated to aligning their CDM plans and required commitments. The staff who will help with the development of an IRRP are Michel Poulin of Hydro Hawkesbury Inc., Benoit Lamarche of Cooperative Hydro Embrun Inc and Rene Beaulne of Hydro 2000 Inc.</p>

**G. Additional Documentation for CDM Plan (If applicable)**

ADDITIONAL INFORMATION AND DOCUMENTATION	
<p><b>Programs</b>                      Opportunity to provide any additional information on assumptions used for budgets and/or savings for approved 2015-2020 province-wide programs</p>	N/A
<p><b>Approved Local and/or Regional Programs and Pilot Programs</b>                      Opportunity to provide any additional information on assumptions used for budgets and/or savings for approved 2015-2020 local or regional programs or pilot programs</p>	N/A
<p><b>Proposed Local and/or Regional Programs and Pilot Programs</b>                      Opportunity to provide additional information on assumptions used for forecast budgets and/or savings for proposed programs or pilot programs</p>	N/A
<p><b>Programs from 2011-2014/2015 CDM Framework</b>                      Opportunity to provide any additional information on assumptions used for budgets and/or savings from existing 2011-2014/2015 CDM Programs</p>	N/A
<p><b>Programs funded through Pay-for-Performance</b>                      Opportunity to provide any additional information on assumptions used for budgets and/or savings for Pay for Performance Programs</p>	N/A
<p><b>Other</b>                      Additional assumptions used in the CDM Plan</p>	N/A

### Summary of Changes to CDM Template

Version No.	Date	Tab	Change Summary
2	20-Jan-15	A. General Information	Inclusion of "Company Name" for Primary Contact
			Inclusion of frequency of invoicing (monthly vs. quarterly)
			Update date format to eliminate confusion
			Change reference to OPA
			Additional LDCs for joint plan
		B. LDC Authorization	Update date format to eliminate confusion
		D. CDM Plan Milestone LDC 1-10	Additional line items for FRC program names
			Additional LDCs for joint plan
			Update on the program names
			Update date format to eliminate confusion
			Update column headers: - "Province Wide Program Name" - "Proposed Regional or Local CDM Program or Pilot Program Name"
			Change reference to OPA
			Update Header and Footer
		E.. Proposed Program&Pilots	Additional boxes for proposed programs
			Update date format to eliminate confusion
		C. Detailed Information	Clarity if it is primary LDC or all LDCs in a joint CDM Plan.

