



**EB-2017-0150**

**Independent Electricity System Operator**

**Application for approval of 2017 revenue requirement,  
expenditures and fees**

**DECISION AND PROCEDURAL ORDER NO. 5  
October 31, 2017**

The Independent Electricity System Operator (IESO) filed an application with the Ontario Energy Board (OEB) on April 21, 2017 under section 25(1) of the *Electricity Act, 1998*, seeking approval for the IESO's 2017 expenditures, revenue requirement and fees.

The IESO filed a settlement proposal for OEB approval on October 3, 2017. The settlement proposal is attached as Schedule A to this Decision and Procedural Order.

The settlement proposal represents a settlement between the IESO and participating intervenors on all but two of the issues on the approved issues list (Issue 4.4: *Should the IESO establish a separate Market Renewal Program Deferral Account?* and Issue 5.1: *Is the IESO's proposed Regulatory Scorecard appropriate?*). OEB staff filed a written submission supporting the settlement proposal on October 10, 2017.

The OEB issued Procedural Order No. 3 on October 13, 2017, requiring the parties to the settlement proposal to clarify certain aspects of the proposal, and setting out the timelines for the parties' written submissions for the two unsettled issues. The IESO, after conferring with parties to the settlement proposal, filed responses to the clarification questions from the OEB on October 20, 2017.

On October 16, 2017, Environmental Defence (ED) filed a notice of motion seeking an OEB order:

- requiring the IESO to provide full and adequate responses to certain ED interrogatories concerning transmission losses
- granting an extension of the August 25, 2017 deadline to inform the OEB that an intervenor wishes to submit expert evidence in this proceeding to two weeks from the date of any order on this motion
- requiring a technical conference on transmission losses

ED's notice of motion included its written submissions on the motion. The OEB decided to hear ED's motion in writing and received responding submissions from the IESO and reply submissions from ED. The OEB suspended the timelines for submissions on the unsettled issues pending a decision on ED's motion. The OEB's decisions on the settlement proposal and ED's motion are both contained within this Decision and Procedural Order, along with the procedural steps for submissions on the two unsettled issues.

## DECISION ON SETTLEMENT PROPOSAL

The OEB accepts the settlement proposal as filed and further clarified in the IESO's letter of October 20, 2017. The 2017 revenue requirement agreed to in the settlement proposal is based on the IESO's business plan and budget approved by the Minister of Energy. While the revenue requirement is increasing in 2017, this is almost exclusively due to the Market Renewal Program (MRP) being undertaken by the IESO as part of its approved business plan. The IESO has reported that the MRP has the potential to deliver significant cost savings to electricity consumers when recommendations are implemented. Furthermore, the IESO has agreed to undertake a cost allocation study and a compensation study to be filed in a subsequent revenue requirement submission.

## DECISION ON ED'S MOTION

The OEB reiterates its finding in Procedural Order No. 3 that it requires no further evidence on Issue 5.1 (*"Is the IESO's proposed Regulatory Scorecard appropriate?"*) in this proceeding.

The OEB has determined it is premature to consider for the IESO's 2017 revenue requirement submission whether transmission losses should be included in the IESO's Regulatory Scorecard given the recent OEB decision in Hydro One's transmission rates case.<sup>1</sup> That decision requires Hydro One to work jointly with the IESO to "explore cost effective opportunities for line loss reduction". The OEB expects the IESO to work with

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<sup>1</sup> EB-2016-0160, September 28, 2017, revised October 11, 2017, p.33.

Hydro One and to report on initiatives for economically reducing transmission line losses in the first revenue requirement submission following the completion of the joint work with Hydro One. It would be more appropriate to determine whether transmission losses should be included in the IESO's Regulatory Scorecard once this report has been reviewed.

Moreover, concerning ED's request for a time extension to file expert evidence, the OEB notes that it had previously established a date by which any party needed to notify the OEB that expert evidence would be filed. ED did not indicate it had any intention of filing evidence at that time. The IESO filed its interrogatory responses on September 7, 2017, and for many of ED's interrogatories the IESO responded that the requested information is not relevant to the current proceeding. ED did not file its motion until October 16, 2017. ED should have filed its motion prior to the commencement of the settlement conference on September 14, 2017.

As a result, the OEB finds that:

- A. The IESO does not have to provide further responses to interrogatories
- B. There is no need for an extension for submission of any additional evidence
- C. There is no need for a technical conference on the matter of transmission line losses

The OEB further directs the parties to provide submissions on the two unsettled issues in accordance with the timelines set out below.

#### THE ONTARIO ENERGY BOARD ORDERS THAT:

1. The settlement proposal attached as Schedule A to this Decision and Procedural Order is accepted.
2. Environmental Defence's motion is dismissed.
3. The IESO shall serve and file written submissions in respect of the unsettled issues by **November 3, 2017**.
4. Intervenor and OEB staff wishing to serve and file written submissions in respect of the unsettled issues shall do so by **November 10, 2017**.

5. The IESO shall serve and file any written reply submissions in respect of the unsettled issues by **November 17, 2017**.

All filings to the OEB must quote the file number, EB-2017-0150 be made in searchable / unrestricted PDF format electronically through the OEB's web portal at <https://www.pes.ontarioenergyboard.ca/eservice/>. Two paper copies must also be filed at the OEB's address provided below. Filings must clearly state the sender's name, postal address and telephone number, fax number and e-mail address. Parties must use the document naming conventions and document submission standards outlined in the RESS Document Guideline found at <http://www.oeb.ca/Industry>. If the web portal is not available, parties may email their documents to the address below. Those who do not have internet access are required to submit all filings on a CD in PDF format, along with two paper copies. Those who do not have computer access are required to file 7 paper copies.

All communications should be directed to the attention of the Board Secretary at the address below, and be received no later than 4:45 p.m. on the required date.

With respect to distribution lists for all electronic correspondence and materials related to this proceeding, parties must include the Case Manager, [Michael.Lesychyn@oeb.ca](mailto:Michael.Lesychyn@oeb.ca), and OEB Counsel, [Ian.Richler@oeb.ca](mailto:Ian.Richler@oeb.ca).

### **ADDRESS**

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**DATED** at Toronto, **October 31, 2017**

**ONTARIO ENERGY BOARD**

*Original signed by*

Kirsten Walli  
Board Secretary

**SCHEDULE A**  
**TO DECISION AND PROCEDURAL ORDER**  
**INDEPENDENT ELECTRICITY SYSTEM OPERATOR**

**EB-2017-0150**

**OCTOBER 31, 2017**

The Settlement Proposal

**SETTLEMENT PROPOSAL**  
**Independent Electricity System Operator**  
**2017 Submission for Review**

**October 3, 2017**

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## PREAMBLE

This Settlement Proposal is filed with the Ontario Energy Board (the "OEB" or the ("Board")) in connection with the Submission by the Independent Electricity System Operator ("IESO") for the review of its proposed expenditure and revenue requirements for the fiscal year 2017 and the fees that it proposes to charge during the fiscal year 2017. A decision by the Board approving fees on an interim basis, effective January 1, 2017, was issued on December 29, 2016.

In Procedural Order No. 2, dated July 17, 2017, the Board established the process to address the Submission for Review, up to and including a Settlement Conference and associated activities.

In accordance with Procedural Order No. 2, a Settlement Conference was held on September 14 and 15, 2017. Jennifer Webster acted as facilitator for the Settlement Conference. This Settlement Proposal arises from the Settlement Conference.

The IESO and the following intervenors, as well as Ontario Energy Board technical staff ("OEB Staff"), participated in the Settlement Conference:

- Association of Major Power Consumers in Ontario ("AMPCO")
- Building Owners and Managers Association Toronto ("BOMA")
- Canadian Manufacturers & Exporters ("CME")
- Energy Probe Research Foundation ("Energy Probe")
- Environmental Defense
- HQ Energy Marketing Inc. ("HQEM")
- Ontario Sustainable Energy Association ("OSEA")
- Power Workers' Union ("PWU")
- School Energy Coalition ("SEC")
- The Society of Energy Professionals ("Society")
- Vulnerable Energy Consumers Coalition ("VECC")

The Settlement Proposal deals with all of the relief sought in this proceeding. As set out in more detail below, a full settlement has been reached on all issues except for the following two issues:

*4.4 Should the IESO establish a separate Market Renewal Program Deferral Account?*

*and*

*5.1 Is the IESO's proposed Regulatory Scorecard appropriate?*

The IESO and all intervenors listed above have agreed to the settlement described on the following pages, with the exception of Environmental Defence, the PWU, and the Society, which take no position on the settled issues and do not oppose the proposed settlement. Any reference to “Parties” in this Settlement Proposal is intended to refer to the IESO and the intervenors listed above except for Environmental Defence, the PWU and the Society.

All intervenors listed above participated in the Settlement Conference and subsequent discussions. OEB Staff is not a party to the Settlement Proposal. Although it is not a party to the Settlement Proposal, once the Settlement Proposal is filed, OEB Staff will file a submission commenting on two aspects of the settlement: whether the settlement represents an acceptable outcome from a public interest perspective, and whether the accompanying explanation and rationale is adequate to support the settlement. Also, as noted in the OEB’s Practice Direction on Settlement Conferences, OEB Staff who participated in the Settlement Conference are bound by the same confidentiality and privilege rules that apply to the Parties to the proceeding.

This document is called a “Settlement Proposal” because it is a proposal by the Parties to the Board to settle the issues in this proceeding. It is termed a proposal as between the Parties and the Board. However, as between the Parties, and subject only to the Board’s approval of this Settlement Proposal, this document is intended to be a legal agreement, creating mutual obligations, and binding and enforceable in accordance with its terms. As set forth below, this Settlement Proposal is subject to a condition subsequent, that if it is not accepted by the Board in its entirety, then unless amended by the Parties, it is null and void and of no further effect. In entering into this agreement, the Parties understand and agree that, pursuant to the *Ontario Energy Board Act, 1998*, the Board has exclusive jurisdiction with respect to the interpretation or enforcement of the terms hereof.

Best efforts have been made to identify all of the evidence that relates to each settled issue. The supporting evidence for each settled issue is identified individually by reference to its exhibit number in an abbreviated format; for example, Exhibit B, Tab 3, Schedule 1 is referred to as B-3-1. The identification and listing of the evidence that relates to each settled issue is provided to assist the Board.

The Settlement Proposal describes the agreements reached on the issues. The Settlement Proposal provides a direct link between each settled issue and the supporting evidence

in the record to date. In this regard, the Parties are of the view that the evidence provided is sufficient to support the Settlement Proposal in relation to the settled issues and, moreover, that the quality and detail of the supporting evidence, together with the corresponding rationale, will allow the Board to make findings agreeing with the proposed resolution of the settled issues. In the event that the Board does not accept the proposed settlement of any issue, then subject to the Parties' agreement on non-severability set out in the final paragraph below, further evidence may be required on the issue for the Board to consider it fully.

None of the Parties can withdraw from the Settlement Proposal except in accordance with Rule 30 of the Board's Rules of Practice and Procedure. Further, unless stated otherwise, a settlement of any particular issue in this proceeding is without prejudice to the positions Parties might take with respect to the same issue in future proceedings.

The Parties acknowledge that this Settlement Conference (including subsequent related discussions) is confidential in accordance with the Board's Practice Direction on Settlement Conferences. The Parties understand that confidentiality in that context does not have the same meaning as confidentiality in the Board's Practice Direction on Confidential Filings, and the rules of that latter document do not apply. Instead, in this Settlement Conference, and in this Settlement Proposal, the Parties have interpreted "confidential" to mean that the documents and other information provided during the course of the Settlement Conference, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement – or not – of each issue during the Settlement Conference are strictly privileged and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception, the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Proposal. Further, the Parties shall not disclose those documents or other information to persons who were not attendees at the Settlement Conference. However, the Parties agree that "attendees" is deemed to include, in this context, persons who were not physically in attendance at the Settlement Conference but were a) any persons or entities that the Parties engage to assist them with the Settlement Conference, and b) any persons or entities from whom they seek instructions with respect to the negotiations; in each case provided that any such persons or entities have agreed to be bound by the same confidentiality provisions.

It is fundamental to the agreement of the Parties that none of the provisions of this Settlement Proposal are severable. If the Board does not, prior to the commencement of the hearing of the evidence in this proceeding, accept the provisions of the Settlement Proposal in their entirety, there is no Settlement Proposal (unless the Parties agree that any portion of the Settlement Proposal that the Board does accept may continue as a valid Settlement Proposal).

## **OVERVIEW**

The Parties have reached a package settlement of issues in this proceeding (the “Package Settlement”). The Package Settlement does not include certain issues (the “Unsettled Issue(s)”), specifically, Issues 4.4 and 5.1 in the Board-approved Issues List that is attached as Schedule A to Procedural Order No. 2. The agreed upon scope of the Unsettled Issues 4.4 and 5.1 are discussed under those issues in this Settlement Proposal.

Given the IESO’s agreement to these settlement terms, the Package Settlement includes acceptance of the IESO’s proposals in respect of all issues other than the Unsettled Issues. The Unsettled Issues remain to be determined by the Board.

On the Unsettled Issues, no agreement has been reached on whether to proceed by way of oral or written hearing. Parties have agreed to file written submissions on this with the Board by Thursday, October 5, 2017.

## **THE ISSUES**

### **1.0 Revenue Requirement, Operating Costs and Capital Spending**

1.1 Is the IESO's Fiscal Year 2017 net revenue requirement of \$190.8 million appropriate?

With the adjustment made to the Operating Reserve under Issue 4.1 to account for an updated forecast for 2017 MRP costs of \$8.0 million compared to the 2017 MRP operational budget of \$12.0 million, parties agree that the IESO's Fiscal Year 2017 net revenue requirement of \$190.8 million is appropriate.

The IESO has also agreed to conduct a corporate cost allocation study on the charges associated with staff and services the IESO provides to third parties, such as the Ontario Climate Change Solutions Deployment Corporation (“OCCSCD”) and the Smart Metering Entity. The IESO will file this corporate cost allocation study with its next Revenue Requirement Submission.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister’s Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit A-3-1-2016 Annual Report

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 2 - Appendix 2-JB (O&A Cost Drivers)

Attachment 3 - Appendix 2-JC (O&A Programs)

**Interrogatories:**

Exhibit I, Tab 1.0, BOMA 2.01 to 2.03 and 2.19

Exhibit I, Tab 1.0, CME 3.08

Exhibit I, Tab 1.0, ENERGY PROBE 5.01

Exhibit I, Tab 1.0, VECC 9.06, 9.10, 9.13 to 9.15, 9.18, 9.21, 9.22, 9.24 to 9.26

Exhibit I, Tab 1.1, BOMA 2.04, 2.05, 2.08, 2.09, 2.14, 2.17, 2.18, 2.20, 2.36, 2.39 and 2.40

Exhibit I, Tab 1.1, SEC 7.01 to 7.07

Exhibit I-Tab 1.1, AMPCO 10.1 to 10.5

1.2 Is the IESO's Registration & Application Fees revenue forecast of \$0.6 million for Fiscal Year 2017 appropriate?

As part of the Package Settlement, the Parties accept that the IESO’s revenue forecast of \$0.6 million for registration fees in fiscal year 2017 is appropriate.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

**Interrogatories:**

Exhibit I, Tab 1.2, AMPCO 10.06

1.3 Is the IESO's Operating Costs budget of \$191.4 million for Fiscal Year 2017 appropriate?

As part of the Package Settlement, and subject to the settlement terms agreed to by the IESO set out under Issue 4.1, the Parties accept that the IESO's operating costs budget of \$191.4 million for fiscal year 2017 is appropriate.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 2 - Appendix 2-JB (O&A Cost Drivers)

**Interrogatories:**

Exhibit I, Tab 1.3, OEB STAFF 1.01

Exhibit I, Tab 1.3, BOMA 2.14, 2.37 and 2.38

Exhibit I, Tab 1.3, ENERGY PROBE 5.02, 5.03 and 5.23

Exhibit I, Tab 1.3, SEC 7.08 to 7.12

Exhibit I, Tab 1.3, SOCIETY 8.01

Exhibit I, Tab 1.3, VECC 9.04, 9.08 and 9.09

Exhibit I, Tab 1.3, AMPCO 10.07

Exhibit I, Tab 1.3, OSEA 11.01

1.4 Are the IESO's projected staffing levels and compensation (including salaries, benefits, pensions and other post-employment benefits) appropriate and reasonable?

As part of the Package Settlement, the Parties accept that the IESO's projected 2017 staffing levels and compensation (including salaries, benefits, pensions and other post-employment benefits) are appropriate. As detailed in Issue 5.4, IESO has agreed to undertake a third-party total compensation benchmarking study for both its represented and non-represented employees.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit A-3-1-2016 Annual Report

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 3 - Appendix 2-JC (O&A Programs)

Attachment 4 - Appendix 2-K (Employee Costs)

Exhibit C-3-1-IESO Costs and Savings to Implementing Ontario Government Greenhouse Gas Cap-and-Trade Initiative

**Interrogatories:**

Exhibit I, Tab 1.4, OEB STAFF 1.02 to 1.04

Exhibit I, Tab 1.4, CME 3.02, 3.07

Exhibit I, Tab 1.4, ENERGY PROBE 5.04 to 5.06, 5.11

Exhibit I, Tab 1.4, PWU 6.01

Exhibit I, Tab 1.4, SEC 7.13, 7.16

Exhibit I, Tab 1.4, SOCIETY 8.02, 8.03

Exhibit I, Tab 1.4, VECC 9.11

Exhibit I, Tab 1.4, AMPCO 10.08, 10.09

1.5 Is the IESO's capital expenditure budget for Fiscal Year 2016 appropriate?

As part of the Package Settlement, the Parties accept that the IESO's capital expenditure budget for fiscal year 2017 is appropriate.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit A-3-1-2016 Annual Report

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 1 - Appendix 2-AA (Capital Projects)

Attachment 2 - Appendix 2-JB (O&A Cost Drivers)

**Interrogatories:**

Exhibit I, Tab 1.5, OEB STAFF 1.05

Exhibit I, Tab 1.5, BOMA 2.15

Exhibit I, Tab 1.5, CME 3.03 to 3.06

Exhibit I, Tab 1.5, ENERGY PROBE 5.10

Exhibit I, Tab 1.5, SEC 7.17 and 7.18



Exhibit I, Tab 1.5, VECC 9.12

Exhibit I, Tab 1.5, AMPCO 10.10 and 10.11

Exhibit I, Tab 1.5, OEB STAFF 1.06

Exhibit I, Tab 1.5, BOMA 2.07, 2.32, 2.35, 2.42 and 2.45

1.6 Are the IESO's forecast 2017 operational costs for the Market Renewal Program appropriate in the context of the scope and timing of the overall project?

The updated forecast for 2017 MRP costs is \$8.0 million, a reduction of \$4.0 million as compared to the 2017 MRP operational budget of \$12.0 million. As part of the Package Settlement, and subject to the settlement terms agreed to by the IESO set out under Issue 4.1, the Operating Reserve amount has been reduced from \$10 million to \$6.0 million to reflect this update. With the offsetting reduction in the Operating Reserve to account for the updated 2017 MRP forecast, the Parties accept that the IESO's forecast 2017 operational costs for the Market Renewal Program budget for fiscal year 2017 are appropriate.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit A-3-1-2016 Annual Report

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

**Interrogatories:**

Exhibit I, Tab 1.6, CME 3.01

Exhibit I, Tab 1.6, ENERGY PROBE 5.07 to 5.09, 5.24, and 5.26 to 5.29

Exhibit I, Tab 1.6, PWU 6.02 to 6.04

Exhibit I, Tab 1.6, SEC 7.14 and 7.15

Exhibit I, Tab 1.6, VECC 9.01 and 9.07

Exhibit I, Tab 1.6, AMPCO 10.12 to 10.23

Exhibit I, Tab 1.6, OSEA 11.02 to 11.03

## **2.0 Usage Fees**

2.1 Is the allocation of energy volumes and costs between domestic and export markets reasonable?

As part of the Package Settlement, the Parties accept that the allocation of energy volumes and costs between domestic and export markets are reasonable.

### **Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

### **Interrogatories:**

Exhibit I, Tab 2.0, ENERGY PROBE 5.12 and 5.13

Exhibit I, Tab 2.0, VECC 9.03, 9.17, 9.19 and 9.20

Exhibit I, Tab 2.1, OEB STAFF 1.07

2.2 Is the methodology used to derive the proposed IESO Usage Fees and the resulting Fees of \$1.2187/MWh for domestic customers and \$0.9872/MWh for export customers appropriate?

As part of the Package Settlement, the Parties accept that the methodology used to derive the proposed IESO Usage Fees and the resulting Fees of \$1.2187/MWh for domestic customers and \$0.9872/MWh for export customers are appropriate.

### **Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

### **Interrogatories:**

Exhibit I, Tab 2.2, BOMA 2.31

2.3 Is the proposed January 1, 2017 effective date for the Usage Fees appropriate?

As part of the Package Settlement, the Parties accept that the proposed January 1, 2017 effective date for the Usage Fees is appropriate.

### **Evidence:**

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

**Interrogatories: NA**

### **3.0 Registration and Application Fees**

3.1 Are the registration fees of up to \$10,000 per proposal for electricity supply and capacity procurements, including conservation and load management procurements, appropriate?

As part of the Package Settlement, the Parties accept that the registration fees of up to \$10,000 per proposal for electricity supply and capacity procurements, including conservation and load management procurements, are appropriate.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

**Interrogatories:**

Exhibit I, Tab 3.0, VECC 9.02 and 9.16

Exhibit I, Tab 3.0, OSEA 11.04Exhibit I, Tab 3.1, BOMA 2.30

3.2 Are the non-refundable application fees for standard offer programs, such as the Feed-in Tariff ("FIT") program of \$0.50/kW of proposed Contract Capacity, having a minimum of \$500 and a maximum of \$5,000, appropriate?

As part of the Package Settlement, the Parties accept that the non-refundable application fees for standard offer programs, such as the FIT program of \$0.50/kW of proposed Contract Capacity, having a minimum of \$500 and a maximum of \$5,000, are appropriate.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

**Interrogatories: NA**

### 3.3 Is the \$1,000 application fee for market participation appropriate?

As part of the Package Settlement, the Parties accept that the \$1,000 application fee for market participation is appropriate.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

**Interrogatories: NA**

## 4.0 The Deferral and Variance Account

### 4.1 Is the IESO's proposal to retain an Operating Reserve of \$10 million in the Forecast Variance Deferral Account appropriate?

On October 3, 2017 the IESO filed updated evidence showing an updated forecast for 2017 MRP costs of \$8.0 million, a reduction of \$4.0 million as compared to the 2017 MRP operational budget of \$12.0 million. Parties have agreed to account for this reduction by reducing the amount of the operating reserve to \$6.0 million from \$10 million and have agreed that the IESO will refund this \$4.0 million after receiving Board approval of this Settlement Package.

As part of the Package Settlement, the Parties accept that the IESO shall retain an Operating Reserve of \$6.0 million in the Forecast Variance Deferral Account.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

**Interrogatories:**

Exhibit I, Tab 4.0, VECC 9.23

Exhibit I, Tab 4.1, OEB STAFF 1.08

Exhibit I, Tab 4.1, SEC 7.19

4.2 Is the IESO's proposal to clear 2016 Year-End balance in the Forecast Variance Deferral Account that are in excess of the \$10 million operating reserve appropriate?

As part of the Package Settlement, the Parties accept the IESO shall retain \$6.0 million in the Operating Reserve for the reasons discussed under Issue 4.1 above, and that the IESO's proposal to clear 2016 Year-End balance in the Forecast Variance Deferral Account that are in excess of the revised \$6.0 million operating reserve is appropriate.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

**Interrogatories:**

Exhibit I, Tab 4.2, OEB STAFF 1.09

Exhibit I, Tab 4.2, AMPCO 10.24

4.3 Is the IESO's proposal to retain, in proportionate quantities, up to \$5.0 million above the proposed 2017 revenue requirement received from each of the two customer classes, to be used to fund Market Renewal Program costs that occur in 2018 appropriate?

As part of the Package Settlement, the Parties agree that the IESO will not retain, in proportionate quantities, up to \$5.0 million above the proposed 2017 revenue requirement received from each of the two customer classes, to be used to fund Market Renewal Program costs that occur in 2018 as originally proposed.

**Evidence:**

Exhibit A-1-1-Submission

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-2-1-2017 Registration and Application Fees, the Forecast Variance Deferral Account and Capital Expenses

Exhibit B-3-1-2016 Year End Financial, Surplus and Staffing

**Interrogatories:**

Exhibit I, Tab 4.3, OEB STAFF 1.10

Exhibit I, Tab 4.3, CME 3.09

Exhibit I, Tab 4.3, ENERGY PROBE 5.14, 5.15 and 5.25

#### 4.4 Should the IESO establish a separate Market Renewal Program Deferral Account?

The Parties have not agreed upon Issue 4.4. This is an Unsettled Issue and no agreement has been reached on whether to proceed by way of oral or written hearing. Parties have agreed to file written submissions on this with the Board by Thursday, October 5, 2017.

The Parties also note that while the issue refers to the establishment of a deferral account, the disputed issue is about the creation of a specific variance account related to the Market Renewal Program.

The Parties also agree the scope of this contested issue includes not just the establishment of the account, but also, i) any related changes to the approved Forecast Deferral Variance Account that may be required as a result of the creation of a separate Market Renewal Program Deferral Account, ii) any additional reporting requirement the IESO should be required to undertake regarding the Market Renewal Program.

### **5.0 Commitments from Previous OEB Decisions**

#### 5.1 Is the IESO's proposed Regulatory Scorecard appropriate?

The Parties, and Environmental Defence, have not agreed upon Issue 5.1. This is an Unsettled Issue and no agreement has been reached on whether to proceed by way of oral or written hearing. Parties have agreed to file written submissions on this with the Board by Thursday, October 5, 2017.

The Parties, and Environmental Defence, also agree the scope of the Unsettled Issue includes whether there are any studies or other further analysis that the IESO should be required to undertake in relation to or as part of a Regulatory Scorecard. The agreement on the scope of this issue should not be construed as the Parties agreeing that the IESO should be required to undertake any studies or other further analysis, just that the question should be considered during the hearing of the Unsettled Issue.

#### 5.2 Are the four Standard Financial Reporting Forms appropriate?

Appendix 2-AA (Capital Projects)

Appendix 2-JB (Operations and Administration Cost Drivers)

Appendix 2-JC (Operations and Administration Programs)

Appendix 2-K (Employee Costs)

Parties have agreed that in future Revenue Requirement Submissions, the IESO will file these forms modified as described below:

- a) Appendix 2-AA will be in the format filed in this Revenue Requirement Submission as shown in Attachment 1.
- b) Appendix 2-JB will include opening and closing balances allowing parties to see year-over-year variances as shown in Attachment 2.
- c) Appendix 2-JC will be formatted in the same manner as the table provided in response to VECC Interrogatory 26 at Exhibit I, Tab 1.0, Schedule 9.26 and which is shown in Attachment 3.
- d) Appendix 2-K will be formatted in the same manner as the table provided in response to AMPCO Interrogatory 27 at Exhibit I, Tab 5.2, Schedule 10.27 and which is shown in Attachment 4.

As part of the Package Settlement and with the modifications to the Standard Financial Reporting Forms described above, Parties accept that the four Standard Financial Reporting Forms are appropriate.

**Evidence:**

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 1 - Appendix 2-AA (Capital Projects)

Attachment 2 - Appendix 2-JB (O&A Cost Drivers)

Attachment 3 - Appendix 2-JC (O&A Programs)

Attachment 4 - Appendix 2-K (Employee Costs)

**Interrogatories:**

Exhibit I, Tab 5.2, AMPCO 10.26 and 10.27

5.3 Are the IESO's costs and savings to implement the Ontario Government Greenhouse Gas Cap-and-Trade Initiative and any new or changing requirements arising from Bill 135 appropriate?

The Parties take no specific position on the appropriateness of the IESO's cost and savings to implement Ontario Government Greenhouse Gas Cap-and-Trade Initiative and any new or changing requirements arising from Bill 135. Those costs are subsumed within Issues 1.0 and 1.3, which have been settled. As part of the Package Settlement, the Parties do accept that the IESO has appropriately reported on the cost and savings to implement the Ontario Government Greenhouse Gas Cap-and-Trade Initiative and

any new or changing requirements arising from Bill 135, as required to do by the approved Settlement Proposal in EB-2015-0175.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-1-1-2017 Revenue Requirement and Usage Fee Methodology

Exhibit C-3-1-IESO Costs and Savings to Implementing Ontario Government Greenhouse Gas Cap-and-Trade Initiative

**Interrogatories:**

Exhibit I, Tab 5.3, BOMA 2.10 to 2.13, 2.33 and 2.34

Exhibit I, Tab 5.3, ENERGY PROBE 5.22

Exhibit I, Tab 5.3, PWU 6.05

Exhibit I, Tab 5.3, VECC 9.05

Exhibit I, Tab 5.3, AMPCO 10.28 and 10.29

Exhibit I, Tab 5.3, OSEA 11.05

5.4 Is the IESO's rationale as to why benchmarking is not possible or appropriate acceptable?

As part of the Package Settlement, the Parties accept that the IESO's rationale for why it is not possible or appropriate to undertake a comprehensive overall benchmarking study is acceptable. The IESO has agreed to conduct a total compensation study, including all components of compensation and benefits, for its represented and non-represented staff, excluding the IESO executives. IESO executives are excluded from the study as the IESO is already conducting an executive compensation benchmarking study as part of the development of its Executive Compensation Framework in accordance with the Broader Public Sector Executive Compensation Framework regulation (O. Reg. 304/16) which came into force in 2016 for implementation in 2017. The IESO will hire a third-party consultant to undertake the study of represented and non-represented staff in 2018 to ensure that the most recent market data is used and will file the study in its 2019 Revenue Requirement Submission.

**Evidence:**

Exhibit C-2-1-Development of Four Standard Financial Reporting Forms

Attachment 3 - Appendix 2-JC (O&A Programs)

Exhibit C-4-1-Cost Benchmarking



Exhibit C-5-1-Conservation Information Provided to Intervenors

**Interrogatories:**

Exhibit I, Tab 5.4, OEB STAFF 1.12

Exhibit I, Tab 5.4, BOMA 2.41 and 2.43

Exhibit I, Tab 5.4, ENERGY PROBE 5.19 and 5.20

**6.0 Pensions and Other Post-Employment Benefits (OPEBs) Costs**

6.1 Is the IESO's treatment of pensions and other post-employment benefits costs appropriate?

As part of the Package Settlement, the Parties accept that the IESO's treatment of pensions and other post-employment benefits costs is appropriate.

**Evidence:**

Exhibit A-2-2-2017-2019 Business Plan – February 1, 2017

Exhibit A-2-3-Minister's Letter Approving the 2017-2019 Business Plan – March 21, 2017

Exhibit B-4-1-Other Variance Accounts - Pensions and Other Post-Employment Benefits (OPEBs)

**Interrogatories:**

Exhibit I, Tab 6.0, BOMA 2.44

Exhibit I, Tab 6.1, OEB STAFF 1.13 to 1.16

Exhibit I, Tab 6.1, ENERGY PROBE 5.21

Exhibit I, Tab 6.1, SOCIETY 8.04

Appendix 2-AA					
Capital Projects Table (Note 1)					
Change Initiatives/Projects (in millions)	2016 Actual	2017 Plan	2018 Plan	2019 Plan	
Energy Management System (EMS) Refresh	2.8	-	-	-	-
Capacity Auction & DR Auction	3.0	-	-	-	-
NERC CIP Projects	5.0	-	-	-	-
Outage Management System Replacement	1.2	-	-	-	-
Identity Access Management	-	2.1	-	-	-
Operations Readiness Initiatives	0.5	2.5	3.0	-	-
Market Information System (MIS) Refresh	1.9	2.0	1.7	-	-
Infrastructure refresh (building services, software licenses & computer hardware)	0.5	2.5	2.5	2.3	2.3
Enterprise Cyber Security Management Refresh	-	2.0	-	-	-
Conservation Demand Management Information System (CDM IS)	0.4	1.0	0.4	1.0	1.0
Corporate Website including consolidation and enhancement to Save-on-Energy	1.6	1.5	1.0	1.5	1.5
CRS Replacement & Migration	-	1.0	2.0	2.0	2.0
Financial Systems Upgrade	1.4	1.0	1.5	1.0	1.0
MACD Enforcement Support Tool and related projects	-	1.0	0.5	1.0	1.0
FIT, microFIT and other upgrades	-	1.0	0.7	0.4	0.4
Oracle Archetype Expansion and Oracle batch	-	1.0	1.0	-	-
Wallboard Refresh	-	1.0	-	-	-
System Logging and Analysis Upgrade Oradar	-	-	2.0	-	-
Tier 1 Storage Refresh	-	-	-	-	2.0
ETP Refresh	-	-	-	-	1.0
<b>Total Capital Projects (\$1M and above)</b>	<b>18.4</b>	<b>19.6</b>	<b>16.3</b>	<b>12.2</b>	<b>12.2</b>
Other Capital Projects	5.4	5.4	8.7	11.0	11.0
Market Renewal	-	-	20.0	40.0	40.0
<b>Total Capital Projects</b>	<b>23.8</b>	<b>25.0</b>	<b>45.0</b>	<b>63.2</b>	<b>63.2</b>
Note 1: 2017-2019 Plan replicates the IESO 2017-2019 Business Plan, see Exhibit A-2-2					

## Attachment 2

### Appendix 2-JB Cost Drivers Table

Example Appendix 2-JB for 2018 (values are for illustrative purposes only)

(in thousands)	2017 Actual	2018 Test Year
<b>Previous Year Actual</b>	<b>181,581</b>	<b>190,556</b>
Compensation & Benefits	7000	3500
Professional & Consulting Fees	4000	-100
Operating & Administration	1700	200
Amortization	-1500	1200
Interest	-2225	-100
<b>Total Actual/Application Year Budget</b>	<b>190,556</b>	<b>191,364</b>

#### 2018 Budget

(in thousands)	2018 Test Year
<b>Previous Year Actual</b>	<b>181,581</b>
Compensation & Benefits	7976
Professional & Consulting Fees	4119
Operating & Administration	1618
Amortization	-1227
Interest	-2703
<b>Application Year Budget</b>	<b>191,364</b>

### Attachment 3 Appendix 2-JC Programs Table

Business unit/Department	2016 Actual (\$M)	2017 Budget (\$M)	2018 Budget (\$M)
<b>CEO</b>	7.3	7.3	7.3
CEO Office	5.9	5.7	5.7
Internal Audit	1.4	1.6	1.6
<b>Market &amp; System Operations</b>	32.0	33.0	32.8
VP Office	1.6	1.7	1.7
System Performance	5.5	-	-
Reliability Assessments	3.0	-	-
Connections & Registration	3.0	-	-
Operational Effectiveness	3.9	-	-
System Operations	11.4	-	-
Market Forecasts & Integration	2.4	-	-
Operations Change Initiatives	1.1	-	-
Market Operations	-	15.9	15.1
Power System Assessments	-	8.6	9.0
Operations Integration	-	6.9	7.1
<b>Market &amp; Resource Development</b>	18.2	20.0	20.6
VP Office	13.1	14.0	14.5
Contract Management	2.2	3.4	3.4
Resource Development & Strategy	1.2	2.1	2.1
Markets	1.7	0.6	0.6
<b>Conservation &amp; Corporate Relations</b>	16.6	17.6	18.6
VP Office	12.9	13.6	14.6
Conservation Performance	0.9	1.0	1.0
Alliance & Marketing	0.4	0.4	0.6
Program & Partner Services	0.4	0.2	0.3
Stakeholder & Public Affairs	2.0	2.2	2.0
<b>Information &amp; Technology Services</b>	46.3	45.8	46.1
VP Office	1.3	1.0	1.0
Organizational & Governance Support	13.0	12.9	13.0
Business Solutions	14.8	14.7	14.8
Technology Services	17.2	17.3	17.4
<b>Planning, Legal, Indigenous Relations &amp; Regulatory Affairs</b>	14.5	16.2	16.3
VP Office	10.2	11.0	11.1
Corporate Counsel	1.5	2.1	2.1
Board	0.7	0.7	0.7
Regulatory Affairs	1.6	1.4	1.4
First Nations & Metis Relations	0.4	0.5	0.5
Resource Integration	0.1	0.2	0.2
Transmission Integration	0.1	0.2	0.2
<b>Corporate Services</b>	16.8	16.4	16.8
VP Office & Corporate Controller	4.0	3.6	4.0
Financial Planning & Analysis	1.3	1.5	1.6
Treasury Operations	1.7	1.8	1.8
Human Resources	4.7	3.9	3.9
Settlements	5.2	5.5	5.5
<b>Market Assessments &amp; Compliance Division</b>	3.0	3.8	3.9
<b>Market Renewal</b>	-	12.0	14.0
<b>Corporate Adjustment</b>	26.9	19.3	19.7
<b>Total</b>	181.6	191.4	196.1

## Attachment 4

### Appendix 2-K Employee Costs Table

(in \$ millions)	2016 Actual	2017 Budget
<b>Number of Employees (FTEs)</b>		
Executive	7	7
Management	102	110
Non-Management Regular	524	577
Non-Management Temporary	32	18
<b>Total</b>	<b>665</b>	<b>712</b>
<b>Total Salary and Wages</b>		
Executive and Board	3.0	3.3
Management	15.8	18.1
Non-Management Regular	56.6	66.8
Non-Management Temporary	3.5	1.7
<b>Total</b>	<b>78.9</b>	<b>89.8</b>
<b>Total Benefits</b>		
Executive	0.9	0.8
Management	6.9	5.9
Non-Management Regular	22.1	20.6
Non-Management Temporary	0.7	0.4
<b>Total</b>	<b>30.6</b>	<b>27.6</b>
<b>Total Compensation (Salary, Wages &amp; benefits)</b>		
Executive and Board	3.9	4.0
Management	22.7	24.0
Non-Management Regular	78.7	87.4
Non-Management Temporary	4.2	2.0
<b>Total</b>	<b>109.5</b>	<b>117.5</b>