



ATCO Energy Solutions Ltd.

**Scotford Industrial System Designation
Transmission Facility Licences**

August 15, 2019

Alberta Utilities Commission

Decision 24748-D01-2019

ATCO Energy Solutions Ltd.

Scotford Industrial System Designation

Transmission Facility Licences

Proceeding 24748

Applications 24748-A001 to 24748-A006

August 15, 2019

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The Commission may, within 30 days of the date of this decision and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected decision on its website.

1 Decision summary

1. In this decision, the Alberta Utilities Commission considers whether to approve applications from ATCO Energy Solutions Ltd. (AES) seeking permits and licences to maintain and operate AES transmission facilities within the Scotford industrial system designation (ISD).¹ These AES transmission facilities are the AES 879S Substation,² the AES 402S Substation,³ and the three transmission lines that constitute the 138-kilovolt (kV) transmission loop connecting another party's substation in the ISD⁴ with the AES 879S and the AES 402S substations (transmission lines ALCO1L, ALCO2L, ALCO3L and EX1-O1L), collectively referred to as the transmission facilities. After consideration of the record of the proceeding, and for the reasons outlined in this decision, the Commission finds that approval of the licences is in the public interest having regard to the social, economic, and other effects of the approval, including its effect on the environment.

2. The Commission notes that AES has requested connection orders for the above listed facilities, however the Commission determined that new connection orders are not required.

2 Introduction and background

3. Pursuant to Order U2014-402, Shell Canada Limited (Shell), Shell Canada Chemicals Limited (SCCL), Shell Canada Products Limited (SCPL), Air Liquide Canada Inc. (ALC), ATCO Power Canada Ltd. (ATCO Power) and AES received approval for an industrial system, designated as the Scotford industrial system (Scotford ISD). Clauses 1 and 2 of Order U2014-402 state that:

1. The industrial system shall consist of the following major electric facilities:

...

- The AES upgrader substation that includes three 138-kV circuit breakers and two 138/34.5-kV transformers.
- The AES upgrader expansion substation that includes five 138-kV circuit breakers and two 138/34.5-kV transformers.

¹ Industrial System Designation Order U2014-402, Proceeding 3157, Application 1610447, September 23, 2014.

² Previously referred to in ISD Order U2014-402 as AES upgrader substation.

³ Previously referred to in ISD Order U2014-402 as AES upgrader expansion substation.

⁴ Air Liquide Canada Inc.'s ALC01S Substation.

- The AES 138-kV transmission loop connecting the ALC substation, the upgrader substation, the upgrader expansion substation, and AltaLink's 409S substation.

...

2. Shell, ALC, SCCL, SCPL, ATCO Power and AES shall apply to the Commission for approval, pursuant to sections 14 and 15 of the Hydro and Electric Energy Act, for the additional transmission facilities that are included in the subject industrial system.

...

4. AES, by applications 24748-A001 to 24748-A006, registered on July 19, 2019, applied to the Alberta Utilities Commission for licences to operate its existing transmission facilities within the Scotford ISD.

5. As outlined in Clause 1 of Order U2014-402, the transmission facilities were previously approved to be major electric facilities within the Scotford ISD. Transmission lines ALCO1L, ALCO2L, ALCO3L and the AES 879S Substation were originally approved to be major electric facilities within the Scotford ISD by Order 2000-109⁵ in March of 2000. Transmission Line EX1-O1L and the AES 402S Substation were originally approved to be major electric facilities within the Scotford ISD by Order 2008-73⁶ in April of 2008.

6. Due to the nature of the applications, a notice of applications was not issued and a hearing was not required because the Commission considered that its decision or order would not directly and adversely affect the rights of a person pursuant to Section 9 of the *Alberta Utilities Commission Act*.

3 Findings and decision

7. The Commission has reviewed the applications and, given that the transmission facilities have previously been approved as major electric facilities within the Scotford ISD, has determined there are no outstanding concerns associated with issuing licences to AES for the transmission facilities.

8. The Commission notes that AES has requested connection orders for the transmission facilities, however the Commission has determined that connection orders are not required for the transmission facilities within the ISD. Further, updates to the existing connection orders between AltaLink Management Ltd.'s facilities and AES's facilities are also not required.⁷

⁵ Industrial System Designation Order 2000-109, Application 990470, March 7, 2000.

⁶ Industrial System Designation Order 2008-73, Application 1549696, April 18, 2008.

⁷ Connection Order U2010-288, Application 1606205, Proceeding 647, July 29, 2010, was issued for AltaLink's Transmission Line 807AL to AES 402S Substation; Connection Order U2003-254, Application 1274771, August 22, 2003, was issued for Transmission Line ALCO1L to AltaLink's Shell Scotford 409S Substation; Connection Order U2003-255, Application 1274771, August 22, 2003, was issued for Transmission Line ALCO2L to AltaLink's Shell Scotford 409S Substation.

9. Pursuant to Section 15 of the *Hydro and Electric Energy Act*, the Commission approves the applications and grants AES the licences set out in the following appendixes:

- Appendix 1 – AES 879S Substation – Substation Licence 24748-D02-2019 – August 15, 2019
- Appendix 2 – AES 402S Substation – Substation Licence 24748-D03-2019 – August 15, 2019
- Appendix 3 – Transmission Line ALCO1L – Transmission Line Licence 24748-D04-2019 – August 15, 2019
- Appendix 4 – Transmission Line ALCO2L – Transmission Line Licence 24748-D05-2019 – August 15, 2019
- Appendix 5 – Transmission Line ALCO3L – Transmission Line Licence 24748-D06-2019 – August 15, 2019
- Appendix 6 – Transmission Line EX1-O1L – Transmission Line Licence 24748-D07-2019 – August 15, 2019

10. The appendixes will be distributed separately.

Dated on August 15, 2019.

Alberta Utilities Commission

(original signed by)

Joanne Phillips
Commission Member