Industriial System Designation
Order 24027-D03-2019

Appendix 2 to Decision 24027-D01-2019

Imperial Oil Resources Limited
Kearl Industrial System Designation Amendment

February 13, 2019
Proceeding 24027
Application 24027-A001

Imperial Oil Resources Ventures Limited, pursuant to Order 21562-D03-2016, was granted an industrial system designation for its electric facilities at the Kearl industrial complex located in the Fort McKay area. Pursuant to Approval 21562-D02-2016, Imperial Oil Resources Ventures Limited had approval to construct and operate a 219-megawatt (MW) power plant in the Kearl Oil Sands Project area. Approval 21562-D02-2016 stipulated a completion date of December 31, 2018 and December 31, 2022 for Phase 2 and Phase 3 of the power plant, respectively.

Imperial Oil Resources Limited (Imperial), by Application 24027-A001, registered on November 2, 2018, requested approval to extend the Phase 2 and Phase 3 completion dates of the power plant.

The Commission, pursuant to Section 4 of the Hydro and Electric Energy Act and sections 2(1)(d) and 117 of the Electric Utilities Act, approved the application in Decision 24027-D01-2019, stipulating January 31, 2022 and January 31, 2026, as the completion dates for Phase 2 and Phase 3, and granted to Imperial this order for an industrial system, subject to the provisions of the Hydro and Electric Energy Act, the Electric Utilities Act, and the Alberta Utilities Commission Act, any regulations made under the acts, any orders made under the acts, the Commission rules made pursuant to the Alberta Utilities Commission Act, and the following terms and conditions:

1. The industrial system shall be comprised of the following major electric facilities:
   - A new substation designated as Kearl River Water Intake (RW1) Substation.
   - A new substation designated as Kearl Main 9900S Substation.
   - A 240-kilovolt (kV) transmission line between the Kearl Main 9900S Substation and ATCO Electric Ltd. McClelland 957S Substation.

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• A 72-kV transmission line between the Kearl Main 9900S Substation and the Kearl River Water Intake Substation as more particularly described in Application 1583822.

• The power plant facilities, consisting of three units, with a total installed capability of 219 MW, as more particularly described in Application 1607448, and subject to conditions stipulated in Approval 24027-D02-2019.4

• 72-kV transmission lines and switchgear to transmit electric energy throughout the Kearl plant and mining facilities.

2. Imperial 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.

3. The electric energy produced from and consumed by the subject industrial system is exempt from the Electric Utilities Act.

4. Imperial shall notify the Commission of any proposed changes to the subject industrial system, including changes in ownership that may result in contravening the principles and the criteria set out in Section 4 of the Hydro and Electric Energy Act and applied by the Commission in its decision to grant the application.

5. Imperial shall notify the Commission of any proposed changes to the subject industrial system that may affect other parties and (or) adjacent occupants, and shall make an application for the proposed changes pursuant to relevant sections of the Hydro and Electric Energy Act, if the Commission so directs.

Order 21562-D03-2016 is rescinded. Approval 21562-D02-2016 was rescinded in Approval 24027-D02-2019.

The Commission may cancel or suspend this order, in whole or in part, in accordance with Section 41 of the Hydro and Electric Energy Act or may review this order, in whole or in part, upon its own motion or upon an application by an interested party, in accordance with Section 10 of the Alberta Utilities Commission Act.

Alberta Utilities Commission

(original signed by)

Tracee Collins
Commission Member

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FORT McKay AREA

APPENDIX A TO ORDER 24027-D03-2019

PREVIOUS ORDER 21562-D03-2016

LEGEND

- 240-kV TRANSMISSION LINE
- 72-kV TRANSMISSION LINE