



Alberta Electric System Operator

2021 Independent System Operator Tariff Update

December 18, 2020

Alberta Utilities Commission

Decision 26054-D01-2020

Alberta Electric System Operator

2021 Independent System Operator Tariff Update

Proceeding 26054

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Contents

1	Decision	1
2	Introduction and process	1
3	Background	2
4	Application details	3
	4.1 The AESO’s annual revenue requirement	3
	4.2 Rate calculations and billing determinants	5
	4.3 2021 maximum investment levels	6
	4.4 Regulated generating unit connection costs.....	8
5	Generating unit owner’s contribution rates	8
6	Commission findings	8
7	Order	10
	Appendix 1 – Proceeding participants	11
	Appendix 2 – Summary of Commission directions	12

List of tables

Table 1.	Comparison of 2021 forecast, 2020 forecast and 2019-2018 recorded costs by revenue requirement components	3
Table 2.	AESO 2021 forecast, 2020 forecast and 2019-2018 recorded wires costs	4
Table 3.	2021 and 2020 forecast billing determinants	6
Table 4.	Composite inflation index values and escalation factor calculation	7
Table 5.	Calculation of 2021 maximum investment levels	7
Table 6.	2021 generating unit owner’s contribution rates	8

1 Decision

1. The Alberta Utilities Commission approves the Alberta Electric System Operator's (AESO) application for its 2021 update to the Independent System Operator (ISO) tariff for the reasons discussed in this decision.

2 Introduction and process

2. On November 12, 2020, the AESO filed an application with the Commission requesting approval of its 2021 update to the ISO tariff,¹ pursuant to sections 30 and 119 of the *Electric Utilities Act*. In a letter dated December 3, 2020, the AESO explained that it had identified certain errors in the wires cost amounts included in the application and submitted updated schedules to correct these errors.

3. In its application, the AESO requested approval of changes to the levels, (the dollar-based and percentage of pool price amounts) of various rates,² Rider J, and Section 8 of the ISO tariff. The application did not contain changes to the structure of the rates currently approved in the AESO's 2018 ISO tariff, but included minor changes to the terms and conditions, as updated in this application, for the year 2021.³ The AESO stated that its 2021 ISO tariff update application reflected an overall increase of 1.5 per cent over the 2020 rates currently in effect.^{4 5}

4. The AESO also made changes to the tariff to reflect the removal of the regulated generating unit connection cost charge schedule, which expires at the end of 2020, and a change to a clause in the proforma system access service contracts⁶ included as appendices to the tariff.

5. The AESO requested that the application be approved effective January 1, 2021, and that if final approval prior to December 28, 2020, were not possible in the circumstances, its application be approved on an interim refundable basis effective as of that date.

6. The AESO requested that the updated rates, riders and maximum investment levels proposed in its application apply on a go-forward basis only, commencing from the effective

¹ Exhibits 26054-X0001 to 26054-X0007.01, and 26054-X0011, AESO 2021 ISO Tariff Update Application (including revised exhibits).

² Exhibit 26054-X0002.01, paragraph 8 identifies the following: ISO tariff Rate DTS (demand transmission service); Rate FTS (Fort Nelson demand transmission service); Rate DOS (demand opportunity service); Rate XOS (export opportunity service); Rate XOM (export opportunity merchant service) Rate PSC (primary service credit); Rate STS (supply transmission service).

³ Exhibit 26054-X0002.01, application, paragraphs 6-7.

⁴ In Exhibit 26054-X0011, the AESO indicated that it had identified certain errors in the wires cost amounts included in its original update application exhibits. Accordingly, the AESO submitted revised versions of exhibits 26054-X0002.01, 26054-X0004.01, 26054-X0006.01 and 26054-X0007.01.

⁵ Exhibit 26054-X0002.01, application, paragraph 51.

⁶ Exhibit 26054-X0007.01, Appendix E, 2021 ISO Tariff Blackline, PDF pages 107-146.

date approved by the Commission. Consistent with the Commission's statements in Decision 2014-242,⁷ the AESO submitted that currently approved deferral account rider and reconciliation mechanisms continue to be used to address any variances between costs and revenues occurring prior to the approval of the applied-for rates. The AESO also indicated that it is not seeking any retroactive adjustments to the rates proposed in this application.⁸

7. The Commission issued a notice of application on November 16, 2020, requesting interested parties to submit a statement of intent to participate (SIP) by November 23, 2020.⁹

8. No parties submitted a SIP by the November 23, 2020, deadline. In the absence of any opposition to the application, the Commission determined that the application would be handled by way of a *notice-only process*.¹⁰

9. For the purposes of this application, the Commission considers the proceeding record to have closed on December 3, 2020, the date the AESO filed its revised application.

10. In reaching the determinations set out within this decision, the Commission has considered all relevant materials comprising the record of this proceeding. References in this decision to specific parts of the record are intended to assist the reader in understanding the Commission's reasoning relating to a particular matter and should not be taken as an indication that the Commission did not consider all relevant portions of the record with respect to this matter.

3 Background

11. In Decision 2010-606,¹¹ the Commission approved the AESO's proposed methodology to complete annual tariff update filings between its major tariff applications.

12. The AESO's last approved major tariff application,¹² in which the AESO sought approval from the Commission for its 2018 ISO tariff, was filed on September 14, 2017. Following a compliance filing process, the Commission approved the current form of the 2018 ISO tariff, effective January 1, 2021, in Decision 25175-D02-2020.¹³

13. The Commission approved the current form of the AESO's 2020 ISO tariff, effective April 1, 2020, on an interim refundable basis in Decision 25175-D01-2020,¹⁴ and on a final basis

⁷ Decision 2014-242: Alberta Electric System Operator, 2014 ISO Tariff Application and 2013 ISO Tariff Update, Proceeding 2718, Application 1609765-1, August 21, 2014, paragraph 617.

⁸ Exhibit 26054-X0002.01, application, paragraph 10.

⁹ Exhibit 26054-X0010, Notice of application.

¹⁰ Exhibit 26054-X0012, AUC letter, Notice-only process, December 9, 2020.

¹¹ Decision 2010-606: Alberta Electric System Operator, 2010 ISO Tariff, Proceeding 530, Application 1605961-1, December 22, 2010.

¹² Proceeding 22942, AESO 2018 ISO Tariff Application.

¹³ Decision 25175-D02-2020: Alberta Electric System Operator, 2018 Independent System Operator Tariff, Compliance Filing Pursuant to Decision 22942-D02-2019 and 2020 Independent System Operator Tariff Update, Proceeding 25175, November 30, 2020.

¹⁴ Decision 25175-D01-2020: Alberta Electric System Operator, 2020 Independent System Operator Tariff Update - Interim, February 28, 2020.

in Decision 25175-D02-2020. The AESO's 2020 ISO tariff approved in those decisions reflected costs and billing determinants for the 2020 calendar year.

14. The AESO filed the present annual tariff update application to reflect costs and billing determinants for the 2021 calendar year, and changes resulting from the Commission's acceptance, amongst other matters, of the 2018 Transmission Cost Causation Study update in Decision 22942-D02-2019.¹⁵

4 Application details

15. As noted earlier, the AESO's tariff update application consisted, in part, of formulaic updates to annual revenue requirement; rates, riders and maximum investment levels; and a 2021 escalation factor.^{16 17} Certain of these updates are discussed in the sections that follow.

4.1 The AESO's annual revenue requirement

16. The AESO's revenue requirement consists of costs related to wires, ancillary services, transmission line losses, and the AESO's own administration (which includes other industry costs and general and administrative costs). A comparison of the AESO's 2021 forecast, 2020 forecast and 2019 and 2018 recorded costs, is reproduced in the following table.

Table 1. Comparison of 2021 forecast, 2020 forecast and 2019-2018 recorded costs by revenue requirement components

Cost component	2021 forecast	2020 forecast	2019 recorded	2018 recorded
	(\$ million)			
Wires	1,951.6	1,916.0	1,849.7	1,782.5
Ancillary services	198.3	258.4	213.0	277.8
Losses	104.4	113.5	106.5	98.3
Administrative	114.5	99.1	112.4	104.5
Revenue requirement	2,368.8	2,387.0	2,281.6	2,263.1

Source: Exhibit 26054-X0002.01, application, Table 2-1, PDF page 6.

17. The 2021 forecast costs represent a decrease of \$18.2 million (or 0.8 per cent) from the 2020 forecast costs, which is the result of the following:¹⁸

- Increase in wires costs of \$35.6 million (1.9 per cent);
- Decrease in ancillary services costs of \$60.1 million (23.3 per cent);
- Decrease in losses costs of \$9.1 million (8.0 per cent); and
- Increases in administrative costs of \$15.4 million (15.5 per cent).

¹⁵ Decision 22942-D02-2019: Alberta Electric System Operator, 2018 Independent System Operator Tariff, Proceeding 22942, September 22, 2019, paragraph 74.

¹⁶ Exhibit 26054-X0002.01, application, paragraph 10.

¹⁷ In Exhibit 26054-X0011, the AESO indicated that it had identified certain errors in the wires cost amounts included in its original update application exhibits. Accordingly, the AESO submitted revised versions of exhibits 26054-X0002.01, 26054-X0004.01, 26054-X0006.01 and 26054-X0007.01.

¹⁸ Exhibit 26054-X0002.01, application, paragraph 12.

18. The AESO determined the 2021 wires costs for transmission facility owners (TFOs) using the following method (which was described in Section 2.2.1 of the AESO's 2014 ISO tariff application and 2013 ISO tariff update,¹⁹ approved in Decision 2010-606, referred to in Decision 2014-242 and updated in Decision 22093-D02-2017):²⁰

- (a) If a TFO has received final Commission approval for its applicable tariff, the AESO includes the approved cost for that TFO tariff.
- (b) If a TFO has applied for its tariff, the Commission has issued an initial decision on the application, and the TFO has submitted a refiling in compliance with the decision, the AESO includes the TFO tariff costs included in the refiling.
- (c) If a TFO has applied for its tariff but the Commission has not yet issued an initial decision on the application or an initial decision has been issued but the TFO has not yet submitted its compliance refiling, the AESO includes the most recent of the following: (i) the TFO tariff costs last approved by the Commission on a final basis for the TFO plus 72 per cent of any increase or decrease included in the TFO's tariff application above or below the prior approved costs; and (ii) the TFO tariff costs last applied for by the TFO in a compliance refiling plus 72 per cent of any increase or decrease included in the TFO's tariff application above or below the prior approved costs.
- (d) If a TFO has not yet applied for its tariff, the AESO includes the most recent of the following: (i) the TFO tariff costs last approved by the Commission on either a final or interim basis, and (ii) the TFO tariff costs last applied for by the TFO in a compliance refiling.

19. The AESO's summary of wires costs has been reproduced below:

Table 2. AESO 2021 forecast, 2020 forecast and 2019-2018 recorded wires costs

Description	2021 forecast	2020 forecast	2019 recorded	2018 recorded
	(\$ million)			
Wires related costs:				
AltaLink Management Ltd.	887.7	859.6	857.8	887.8
ATCO Electric Ltd.	709.8	706.9	686.5	686.5
Isolated Generation	(0.7)	(0.7)	(2.1)	(3.5)
Subtotal ATCO Electric	709.0	706.2	684.4	682.9
ENMAX Power Corporation	106.9	106.4	91.7	84.6
EPCOR Distribution & Transmission	110.6	107.9	102.7	99.2
City of Lethbridge	9.1	8.4	8.1	7.1
TransAlta Utilities Corporation	6.9	6.9	6.9	6.8
The City of Red Deer	5.3	5.3	5.1	4.7
FortisAlberta Inc. (Farm Transmission)	4.8	4.8	4.8	4.7
Alberta PowerLine L.P.	107.2	105.8	83.8	----

¹⁹ Proceeding 2718, Exhibit 0026.00.AESO-2718, AESO 2014 ISO Tariff Application and 2013 ISO Tariff Update, paragraphs 53-57.

²⁰ Decision 22093-D02-2017: Alberta Electric System Operator, 2017 ISO Tariff Update, Proceeding 22093, April 4, 2017.

Description	2021 forecast	2020 forecast	2019 recorded	2018 recorded
Subtotal TFO wires-related costs	1,947.6	1,911.2	1,845.2	1,777.7
Invitation to bid on credits (IBOC)	2.0	2.3	2.1	2.1
Location based credit standing offer (LBC SO)	2.0	2.5	2.4	2.7
Subtotal IBOC/LBC SO costs	4.0	4.8	4.5	4.8
Total wires costs	1,951.6	1,916.0	1,849.7	1,782.5

Exhibit 26054-X0004.01, Tab B-1 Revenue Requirement, Table B-1, Appendix B – 2021 Rate Calculations, lines 1-15.

20. The AESO's 2021 forecast of costs for ancillary services of \$198.3 million represents roughly eight per cent of the AESO's transmission revenue requirement. Ancillary services, as defined in Section 1(1)(b) of the *Electric Utilities Act*, are services required to ensure that the interconnected electric system is operated in a manner that provides a satisfactory level of service with acceptable levels of voltage and frequency. The largest component of ancillary services costs is operating reserves, which represent the real power capability above system demand required to provide for regulation, forced outages and unplanned outages.²¹

21. The AESO's 2021 forecast cost for transmission line losses of \$104.4 million represents approximately four per cent of the AESO's transmission revenue requirement. Losses are the energy lost on the transmission system when power is transmitted from suppliers to loads. Losses are the residual of the metered generation plus scheduled imports less metered loads and less scheduled exports.²²

22. The 2021 forecast cost for AESO administration of \$114.5 million represents approximately five per cent of the AESO's transmission revenue requirement. The AESO board approves the AESO's administrative costs in their entirety and allocates administrative costs among the three functions of the AESO; namely, transmission, energy market and load settlement. Administrative costs are defined in paragraph 1(1)(g) of the *Transmission Regulation*.²³

4.2 Rate calculations and billing determinants

Rate calculations

23. The AESO explained that the 2021 rate calculations, found in tables B-1 through B-16 of Appendix B²⁴ to its application, use the following inputs:²⁵

- the 2021 forecast revenue requirement discussed in Section 2 of the application;
- the functionalization and classification of wires costs and the point-of-delivery cost function approved for 2021 in Decision 22942-D02-2019;²⁶ and

²¹ Exhibit 26054-X0002.01, application, paragraph 25.

²² Exhibit 26054-X0002.01, application, paragraph 27.

²³ Exhibit 26054-X0002.01, application, paragraph 30.

²⁴ Exhibit 26054-X0004.01, Appendix B - 2021 Rate Calculations.

²⁵ Exhibit 26054-X0002.01, application, paragraph 33.

²⁶ Proceeding 22942, Exhibit 22942-X0025, Appendix D, Transmission System Cost Causation Study 2018 Update, September 14, 2017, page 5, Table D-5.

- the 2021 forecast billing determinants prepared by the AESO.

Billing determinants

24. The rate calculations for the 2021 rates update are based on the AESO's forecast of billing determinants for 2021 which are calculated using historical and year-to-date ratios between DTS energy and each individual billing determinant.²⁷

Table 3. 2021 and 2020 forecast billing determinants

Rate DTS billing determinant	Units	2021 forecast	2020 forecast	Increase (Decrease)	
				Amount	%
Coincident metered demand	megawatt (MW)-months	91,617.2	91,210.9	406.3	0.4
Billing capacity					
Total billing capacity	MW-months	159,954.2	160,561.5	(607.3)	(0.4)
First (7.5xSF) MW	MW-months	36,754.8	37,281.1	(526.3)	(1.4)
Next (9.5xSF) MW	MW-months	34,657.9	35,072.1	(414.2)	(1.2)
Next (23xSF) MW	MW-months	43,642.5	43,920.9	(278.4)	(0.6)
All remaining MS	MW-months	44,899.0	44,287.4	611.6	1.4
Highest metered demand	MW-months	117,932.0	120,191.4	(2,259.4)	(1.9)
Metered energy (all hours)	GWh	58,398.9	61,157.4	(2,758.5)	(4.5)
DTS market participants	Customer-months	5,387.0	5,477.6	(90.8)	(1.7)
Pool price	\$/MWh [megawatt hour]	53.93	57.81	(3.88)	(6.7)
Average increase/(decrease) weighted by revenue					(0.7)

Source: 26054-X0002.01, Table 3-3, PDF page 13.

25. Billing determinants changed from the 2020 forecast on which the currently approved rates were based. Consequently, the AESO's 2021 updated rates increase 1.5 per cent overall from the approved 2020 rates, including an increase of 1.6 per cent to Rate DTS,²⁸ and a decrease of 1.9 per cent to Rate STS.²⁹ The AESO considers that the overall decrease in billing determinants forecast for 2021 is reasonable considering that some of the billing determinants have historically been decreasing and that impacts of the COVID-19 pandemic are expected to continue in 2021.³⁰

4.3 2021 maximum investment levels

26. The tariff update includes updated investment amounts approved in the 2018 ISO tariff application that reflect an escalation factor based on a composite of specified recent inflation indices. The AESO updated the composite inflation index used for developing the point-of-delivery (POD) cost function to 2021, using additional Statistics Canada cost index values and the most recent Conference Board of Canada forecast of the Alberta Consumer Price Index (CPI). The composite inflation index values used to update the escalation factor in the application have been reproduced in the following table:

²⁷ Exhibit 26054-X0002.02, application, paragraphs 45-49.

²⁸ Exhibit 26054-X0002.01, application, Table 3-5 – Increase (Decrease) for 2020 Rate DTS Components, PDF page 15.

²⁹ Exhibit 26054-X0002.01, application, Table 3-6 – Increase (Decrease) for 2020 Rate STS Components, PDF page 15.

³⁰ Exhibit 26054-X0002.01, application, paragraph 47.

Table 4. Composite inflation index values and escalation factor calculation

	Year	Basis	Present value factor
2018 tariff application	2018	Forecast	1.6885
2019 tariff update	2019	Forecast	1.6367
2020 tariff update	2020	Forecast	1.6814
2021 tariff update	2021	Forecast	1.7206
2021 escalation factor (over 2018)	1.7206 ₂₀₂₁ / 1.6885 ₂₀₁₈ =		1.0641

Source: Exhibit 26054-X0002.01, Table 4-1, PDF page 16.

27. The AESO applied the resulting escalation factor, 1.0641, to the 2018 Rate DTS maximum investment levels to determine the 2021 Rate DTS maximum investment levels, which resulted in an increase to the 2018 maximum investment levels, as set out in the table below:

Table 5. Calculation of 2021 maximum investment levels

Tier	Rate DTS investment	PSC [Primary Service Credit] factor %	Rate PSC investment
2018 maximum investment levels			
Substation fraction (for new points of delivery only)	\$100,400/year	21	\$21,080/year
Next (7.5 x substation fraction) MW of contract capacity	\$33,050/MW[megawatt]/year	21	\$6,940/MW/year
Next (9.5 x substation fraction) MW of contract capacity	\$19,600/MW/year	21	\$4,120/MW/year
First (23 x substation fraction) MW of contract capacity	\$13,150/MW/year	21	\$2,760/MW/year
All remaining MW of contract capacity	\$8,050/MW/year	0	\$0/MW/year
2021 escalation factor (over 2018)	1.0641		
2021 maximum investment levels			
Substation fraction (for new points of delivery only)	\$106,850/year	21	\$22,440/year
Next (7.5 x substation fraction) MW of contract capacity	\$35,150/MW/year	21	\$7,380/MW/year
Next (9.5 x substation fraction) MW of contract capacity	\$20,850/MW/year	21	\$4,380/MW/year
Next (23 x substation fraction) MW of contract capacity	\$14,000/MW/year	21	\$2,940/MW/year
All remaining MW of contract capacity	\$8,550/MW/year	0	\$0/MW/year

Source: Exhibit 26054-X0002.01, Table 4-2, PDF page 17.

28. The AESO submitted that its proposed tariff updates are just and reasonable, and comply with the methodology approved by the Commission for such updates to its tariff. The AESO requested that the Commission approve its tariff update application, including (i) the updated amounts included as Appendix B to its application; and (ii) the proposed 2021 ISO tariff Rate DTS, Rate FTS, Rate DOS, Rate XOS, Rate XOM, Rate PSC, Rate STS, Rider J and Section 8, included as Appendix D to its application, effective January 1, 2021.

4.4 Regulated generating unit connection costs

29. The AESO proposed revisions to the 2021 ISO tariff that reflect the removal of the regulated generating unit connection cost (RGUCC) provisions.³¹ The AESO explained that it provided the derivation of the RGUCC charge in its 2014 ISO tariff application, which included the charge for each calendar year up to 2020. The charge decreased every year, reflecting ongoing amortization of connection costs over the lives of previously regulated generating units.³²

30. Because the RGUCC charge component of Rate STS only applies if a regulated generating unit terminates its system access service contract with the AESO prior to the expiry of the regulated generating unit's base life, and no regulated generating units have a base life that extends past 2020, the AESO proposed removing the RGUCC provisions in the current 2021 ISO tariff update. The AESO filed updates to subsection 3 of Rate STS, subsection 3(3) of Section 3, subsection 3(3) of Section 9, and Appendix A to bring into effect the removal of RGUCC provisions.³³

5 Generating unit owner's contribution rates

31. The AESO included rates for the generating unit owner's contribution (GUOC) in its ISO tariff rather than providing a separate document on its website. The GUOC rates proposed by the AESO in the 2018 application were approved by the Commission in Decision 22942-D02-2019.³⁴

32. The AESO stated that its planning and engineering studies have not identified a need to update the GUOC rates. As a result, the AESO's proposed GUOC rates are unchanged from those approved in its 2018 application and are as follows

Table 6. 2021 generating unit owner's contribution rates

Planning region	Proposed rate (\$/MW)
Northwest	10,000
Northeast	20,000
Edmonton	30,000
Central	50,000
Calgary	40,000
South	20,000

Source: Exhibit 26054-X0002.01, Table X.X - Generating unit owner's contribution rates, PDF page 18.

6 Commission findings

33. In Decision 2010-606, the Commission approved an approach that included filing comprehensive tariff applications every three years and, in conjunction with this, filing annual tariff updates. The Commission considered that an annual revenue requirement and rate update

³¹ Exhibit 26054-X0002.01, application, paragraphs 8 and 38-40.

³² Exhibit 26054-X0002.01, application, paragraph 38.

³³ Exhibit 26054-X0002.01, application, paragraphs 39-40.

³⁴ Decision 22942-D02-2019, paragraph 323.

may benefit customers by limiting potential misallocations that might occur if the AESO were to rely on Rider C exclusively to allocate periodic revenue and cost imbalances to its customers.³⁵

34. Consistent with Decision 2010-606,³⁶ the scope of the annual ISO tariff updates consisted of the following three components, each of which was examined by the Commission in the current proceeding:

- An annual revenue requirement update using the wires cost forecast methodology described in Section 2.2 of the application, plus forecasts for ancillary services costs, losses costs and administration costs approved by the AESO board for the forecast year;
- Revised rate levels for each AESO rate calculated from the forecast revenue requirement and forecast billing determinants using rate calculations and the rate design approved in the most recent comprehensive tariff application; and
- Annual updates to investment amounts approved in the most recent comprehensive tariff, reflecting an escalation factor based on the most recent Conference Board of Canada Alberta CPI.

35. The Commission is satisfied that the AESO has included the 2021 wires costs for TFOs using the approach described in the AESO's 2014 ISO tariff application and 2013 ISO tariff update,³⁷ approved in Decision 2010-606, referred to in Decision 2014-242 and updated in Decision 22093-D02-2017.³⁸

36. The Commission acknowledges that the AESO's 2021 forecast for ancillary services, losses and administrative costs included in the current application have yet to be approved by the AESO board as final. The AESO proposed to file a letter to advise the Commission of AESO board approval once it has been received.³⁹ The Commission therefore directs the AESO to submit, as a post disposition filing, the letter confirming AESO board approval by January 31, 2021.

37. Given the date of the close of record (December 3, 2020) and the AESO's request to have a decision by December 28, 2020, any differences arising between the forecast amounts included in this application and the AESO board-approved costs or the AESO's actual costs will have to be settled through Rider C.

38. The Commission finds that the AESO's 2021 forecast billing determinants used in the tariff update application are reasonable given that certain billing determinants have been decreasing, and impacts of the COVID-19 pandemic are expected to continue in 2021.

39. The Commission is also satisfied that maximum investment level amounts, calculated based on an escalation factor of 1.0641 applied to a composite of specified recent inflation indices, are consistent with the rate calculation methodology previously approved by the

³⁵ Decision 2010-606, paragraph 547.

³⁶ Decision 2010-606, paragraph 537.

³⁷ Proceeding 2718, Exhibit 0026.00.AESO-2718, Alberta Electric System Operator 2014 ISO Tariff Application and 2013 ISO Tariff Update, July 19, 2013, paragraphs 53-57.

³⁸ Exhibit 26054-X0002.02, application, paragraph 21;

Decision 22093-D02-2017, Alberta Electric System Operator, 2017 ISO Tariff Update, April 4, 2017.

³⁹ Exhibit 26054-X0002.01, application, paragraph 18.

Commission in Decision 3473-D01-2015 (Errata)⁴⁰ and the investment amount first approved in Decision 22942-D02-2019.⁴¹

40. Given that no regulated generating units have a base life that extends past 2020, the Commission finds that it is reasonable for the AESO to remove the RGUCC provisions in the current 2021 ISO tariff update.

41. For all the above reasons, the AESO's 2021 ISO tariff update application, including the amounts set out in its Appendix B⁴² to the application and the proposed 2021 ISO tariff Rate DTS, Rate FTS, Rate DOS, Rate XOS, Rate XOM, Rate PSC, Rate STS, Rider J and Section 8 of the ISO tariff in Appendix D,⁴³ is approved.

7 Order

42. It is hereby ordered that:

- (1) The Alberta Electric System Operator's 2021 Independent System Operator tariff update application is approved, effective January 1, 2021.

Dated on December 18, 2020.

Alberta Utilities Commission

(original signed by)

Anne Michaud
Vice-Chair

⁴⁰ Decision 3473-D01-2015 (Errata): Alberta Electric System Operator, 2014 ISO Tariff Compliance Filing Pursuant to Decision 2014-242 Module 1, Proceeding 3473, Application 1610935-1, June 17, 2015.

⁴¹ Decision 22942-D02-2019, paragraph 201.

⁴² Exhibit 26054-X0004.01, Appendix B - 2021 Rate Calculations.

⁴³ Exhibit 26054-X0006.01, Appendix D - 2021 ISO Tariff Clean.

Appendix 1 – Proceeding participants

Name of organization (abbreviation) Company name of counsel or representative
Alberta Electric System Operator (AESO)

Alberta Utilities Commission Commission panel A. Michaud, Vice-Chair Commission staff G. Bourque L. Mullen C. Strasser
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Appendix 2 – Summary of Commission directions

This section is provided for the convenience of readers. In the event of any difference between the directions in this section and those in the main body of the decision, the wording in the main body of the decision shall prevail.

1. The Commission acknowledges that the AESO’s 2021 forecast for ancillary services, losses and administrative costs included in the current application have yet to be approved by the AESO board as final. The AESO proposed to file a letter to advise the Commission of AESO board approval once it has been received. The Commission therefore directs the AESO to submit, as a post disposition filing, the letter confirming AESO board approval by January 31, 2021. paragraph 36