Decision **26849-D01-2021**

Alberta Utilities Commission

ATCO Electric Ltd.

2022 Annual Performance-Based Regulation Rate Adjustment

December 16, 2021

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1 Decision summary

1. In this decision, the Alberta Utilities Commission considers ATCO Electric Ltd.'s 2022 annual performance-based regulation (PBR) rate adjustment filing. For the reasons that follow, the Commission has determined that:

- The 2022 distribution rates, options and riders and corresponding rate schedules as set out in Appendix 3, are approved effective January 1, 2022, on an interim basis.

- The 2022 system access service (SAS) rates as filed are approved effective January 1, 2022.

- The stand-alone schedules of Available Company Investment and Supplementary Service Charges, as set out in Appendix 4 and Appendix 5 to this decision, respectively, are approved effective January 1, 2022, on a final basis.

- ATCO Electric's request to finalize its 2019 and 2020 interim rates is approved.

2. As directed, ATCO Electric included in the application a proposed plan for collection of the 2021 deferred amount (that is, the amount associated with a deferral of the 2021 distribution rates increase). For the reasons that follow, the Commission approves the proposed plan and the requested amounts to be collected by way of Rider J, effective January 1, 2022.

3. As well, as directed by the Commission to promote regulatory efficiency, ATCO Electric included its 2020 annual transmission access charge deferral account (TACDA) true-up and Balancing Pool adjustment in the application. For the reasons that follow, the Commission approves the requested amounts to be collected by way of Rider G and Rider B, respectively, effective January 1, 2022.

2 Introduction

4. On September 10, 2021, ATCO Electric submitted its 2022 annual PBR rate adjustment filing to the Commission, requesting approval of its 2022 electric distribution rates and transmission SAS rates, options and riders, and corresponding rate schedules, as set out in Appendix G,[1] to be effective January 1, 2022, on an interim basis. ATCO Electric also requested approval of its billing determinants and schedules of Available Company Investment and Supplementary Service Charges effective January 1, 2022. Additionally, ATCO Electric included in the application its Balancing Pool Adjustment Rider B, 2020 annual TACDA true-up amounts be collected/refunded through Rider G and interim Rider J, effective January 1, 2022.

[1] Exhibit 26849-X0008.01, Appendix G – 2022 Price Schedules.

ATCO Electric also requested approval of the calculation of its 2019 and 2020 going-in revenue and K-bar amounts on a final basis resulting in final rates for those years.[2]

5. After issuing a notice of the application on September 13, 2021, the Commission received statements of intent to participate from the Consumers' Coalition of Alberta, the Office of the Utilities Consumer Advocate and Direct Energy Marketing Limited on September 20, 2021, and Smith's Landing First Nation on October 6, 2021. The intervening parties did not actively participate in this proceeding. The process established for this proceeding included Commission information requests (IRs) to, and responses from, ATCO Electric as well as written argument. The Commission considers the record for this proceeding to have closed on November 12, 2021, with the receipt of ATCO Electric's argument.

6. In reaching the determinations set out within this decision, the Commission considered all relevant materials comprising the record of this proceeding. Accordingly, 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 a particular matter.

3 Background

7. The PBR framework approved in Decision 20414-D01-2016 (Errata)[3] provides a rate-setting mechanism (price cap for electric distribution utilities and revenue-per-customer cap for gas distribution utilities) based on a formula that adjusts rates annually by means of an indexing mechanism that tracks the rate of inflation (I) that is relevant to the prices of inputs the utilities use, less a productivity offset (X). With the exception of specifically approved adjustments, as discussed further below, a utility's revenues are not linked to its costs during the PBR term.

8. In Decision 20414-D01-2016 (Errata), the Commission approved the continuation of certain PBR rate adjustments to enable the recovery of specific costs where certain criteria have been satisfied. These include an adjustment for certain flow-through costs that should be recovered from, or refunded to, customers directly (Y factors), and an adjustment to account for the effect of exogenous and material events for which the distribution utility has no other reasonable cost recovery or refund mechanism within the PBR plan (Z factor).

9. As was the case in previous-generation PBR plans, the Commission determined that a supplemental capital funding mechanism, in addition to revenue provided under I-X, was required for the 2018-2022 PBR plans. However, in place of the capital tracker mechanism employed in previous-generation PBR plans, the Commission divided capital funding into two categories: Type 1 and Type 2 capital. For Type 1 capital, the Commission approved a modified capital tracker mechanism with narrow eligibility criteria, with the revenue requirement associated with approved amounts to be collected from ratepayers by way of a "K factor" adjustment to the annual PBR rate-setting formula. For Type 2 capital, the Commission approved

2 Exhibit 26849-X0001, application, paragraph 4.

3 Decision 20414-D01-2016 (Errata): 2018-2022 Performance-Based Regulation Plans for Alberta Electric and Gas Distribution Utilities, Proceeding 20414, February 6, 2017.

a K-bar mechanism that provided an amount of capital funding for each year of the 2018-2022 PBR plan based, in part, on capital additions made during the previous PBR term.

10. Also in Decision 20414-D01-2016 (Errata), the Commission established that each of the distribution utilities must submit its PBR rate adjustment filing by September 10 of each year in order to facilitate annual implementation of rates by January 1 of the following year. The annual PBR rate adjustment filing deals with all issues relevant to the establishment of the PBR rates and terms and conditions (T&Cs) for a given year, including:

- I factor and the resulting I-X index;
- K factor and K-bar factor adjustments related to approved Type 1 and Type 2 capital, respectively;
- Y factor adjustment to collect flow-through items that are not collected through separate riders;
- previously approved Z factors;
- billing determinants for each rate class;
- backup showing the application of the formula by rate class and resulting rate schedules;
- a copy of the Rule 005[4] filing filed in the current year as well as the return on equity (ROE) adjustment schedules for prior years;
- certain financial reporting requirements;
- changes proposed to T&Cs; and
- any other material relevant to the establishment of current year rates.

11. ATCO Electric's most recent annual rate filing was approved in Decision 25864-D01-2020[5] dealing with 2021 PBR rates. However, while that decision approved the calculation of ATCO Electric's 2021 PBR distribution rates in accordance with the PBR framework, those rates were not charged to customers effective January 1, 2021. Rather, as a result of Decision 26170-D01-2020,[6] ATCO Electric's distribution rates were maintained at the 2020 levels. In the current application, ATCO Electric proposed to collect in 2022 the majority of the amounts associated with the 2021 distribution rate increase deferral, as further discussed in Section 6.2 of this decision.

12. To enhance regulatory efficiency and reduce administrative burden, in its decisions regarding the 2019 annual TACDA true-up, the Commission directed all distribution utilities to include their 2020 TACDA true-up applications and supporting materials as part of their 2022

4 Rule 005: *Annual Reporting Requirements of Financial and Operational Results.*
5 Decision 25864-D01-2020: ATCO Electric Ltd., 2021 Annual Performance-Based Regulation Rate Adjustment, Proceeding 25864, December 18, 2020.
6 Decision 26170-D01-2020: ATCO Electric Ltd. and ATCO Gas and Pipelines Ltd., 2021 Interim Rate Relief Request, Proceeding 26170, December 18, 2020.

annual PBR rate adjustment filings. The 2020 TACDA true-up component of ATCO Electric's 2022 rates is discussed in Section 5.

13. The present application is the last annual PBR rate adjustment filing in the current 2018-2022 PBR term. In 2023, rates will be established based on a cost-of-service review of the distribution utilities' forecast costs. This cost-of-service review will also serve as rebasing for the next PBR term for Alberta distribution utilities that will commence in 2024.[7]

4 PBR rate adjustments

4.1 2022 PBR indices and annual adjustments

14. As detailed in Section 3, the current PBR plan for ATCO Electric provides a rate-setting mechanism based on a formula that adjusts customer rates annually by means of the I-X indexing mechanism plus specifically approved adjustments. The annual parameters and adjustments utilized by ATCO Electric to arrive at its 2022 rates and the Commission's assessment of the applied-for amounts are detailed below. Additional discussion on select parameters is provided in the sections that follow.

I-X index

15. The I factor is calculated as a weighted average of two indexes published by Statistics Canada: one for labour costs and one for non-labour costs. In previous decisions, the Commission confirmed that the replacement of Canadian Socio-Economic Information Management System (CANSIM) tables with new data tables by Statistics Canada in 2018 did not warrant any changes to the approved I factor calculation methodology as long as the new tables contain the required data series. The approved X factor for the current PBR term is 0.3 per cent.[8]

16. ATCO Electric calculated the 2022 I-X index to be 1.46 per cent by subtracting the approved X factor of 0.3 per cent from the I factor of 1.76 per cent. To comply with the Commission's direction from a prior decision, ATCO Electric provided dated screenshots of the CANSIM tables used in determining its I factor.[9] No party objected to ATCO Electric's applied-for I factor.

17. The Commission has reviewed ATCO Electric's calculation of the 2022 I factor and finds it to be consistent with the methodology set out in Decision 20414-D01-2016 (Errata). Accordingly, the 2022 I factor of 1.76 per cent and the resulting I-X index of 1.46 per cent are approved.

Y and Z factor materiality threshold

18. The Y and Z factor materiality threshold is the dollar value of a 40-basis point change in return on equity (ROE) on an after-tax basis calculated on the distribution utility's equity used to

7 Decision 26356-D01-2021: Evaluation of Performance-Based Regulation in Alberta, Proceeding 26356, June 30, 2021.
8 Decision 20414-D01-2016 (Errata), paragraph 5.
9 Exhibit 26849-X0006, Appendix E - Dated Screenshots of the CANSIM Tables.

determine the final approved notional 2017 revenue requirement on which going-in rates were established. This dollar amount threshold is escalated by I-X annually, on a compounding basis.[10]

19. ATCO Electric calculated the Y and Z materiality threshold to be $3.69 million in 2022.[11] No party objected to these calculations.

20. The Commission has reviewed ATCO Electric's calculations of its 2022 Y and Z factor materiality threshold of $3.69 million and is satisfied that it has been calculated correctly. Accordingly, this threshold is approved.

Y factor

21. Y factor includes costs that do not qualify for capital treatment or Z factor treatment and that the Commission considers should be directly recovered from customers or refunded to them. ATCO Electric applied for a Y factor amount of $7.741 million to be refunded to customers. Additionally, ATCO Electric calculated carrying costs related to the deferral account true-ups and K-bar true-ups in accordance with Rule 023[12] requirements, and proposed a carrying charge refund of $0.077 million. ATCO Electric provided details of the calculations in Appendix F.[13]

22. No party objected to ATCO Electric's applied-for Y factor amount. A summary of the proposed Y factor adjustments is shown below:

Table 1. Summary of Y factor adjustments[14]

Item	2022 Forecast	2020 & 2021 True-up	Total
	($000)		
Intervener/AUC costs	1,284	(334)	950
AESO Load Settlement	193	42	235
Deduction of deferrals for income taxes	-	(4,471)	(4,471)
Other Proceeding True-Ups (Note 1)	-	(4,455)	(4,455)
Carrying Charges (Note 2)	-	(77)	(77)
Total Y factor adjustments	$1,477	$(9,295)	**$(7,818)**

Note 1: This item consists of ATCO Electric's K-bar factor true-ups of ($2.3 million) and ($2.2 million) for 2020 and 2021, respectively, which ATCO Electric included as part of its Y factor adjustments. These K-bar true-up amounts are addressed by the Commission in the K-bar section below.
Note 2: ATCO Electric reported carrying charges separately and did not include them as part of its Y factor adjustments. Since these relate to amounts shown in the table, they have been included.
Note 3: This table does not include the Y factor costs that are recovered by way of separate riders or rates (such as transmission access costs).

23. The Commission has assessed the amounts included in ATCO Electric's applied-for Y factor and finds they were adequately supported, properly calculated and in compliance with previous Commission directions. The Commission has also reviewed ATCO Electric's carrying costs, and finds that they are properly calculated and consistent with the applicable provisions of Rule 023. Accordingly, the applied-for Y factor amount is approved as filed.

10 Decision 20414-D01-2016 (Errata), Appendix 5, Section 8, Z factor, PDF page 101.
11 Exhibit 26849-X0004, Appendix C, Schedule C4.
12 Rule 023: *Rules Respecting Payment of Interest.*
13 Exhibit 26849-X0007, Appendix F - Carrying Charges.
14 Exhibit 26849-X0001, application, tables 4.4.1 and 4.4.2, PDF page 12.

Z factor

24. Z factors account for the impact of material exogenous events for which the company has no other reasonable cost recovery or refund mechanism within the PBR plan. ATCO Electric did not apply for any Z factor adjustments to be included in its 2022 PBR rates.

Q value

25. Q value represents the percentage change in billing determinants. For electric distribution utilities under the price cap mechanism, this percentage change is calculated across all billing determinants, including energy, demand and the number of customers.

26. No party objected to ATCO Electric's applied-for Q value of 0.414 per cent.[15] The Commission has reviewed ATCO Electric calculation of its 2022 Q value and finds it to be properly calculated and consistent with the approved methodology. Accordingly, the Commission approves ATCO Electric's 2022 Q value of 0.414 per cent.

K-bar factor

27. K-bar funding provides incremental Type 2 capital funding to supplement the revenues generated under the I-X mechanism.[16] The 2018 K-bar was calculated by taking the difference between the revenue requirement associated with 2018 notional capital additions and the I-X related revenue for each project or program included in Type 2 capital.[17] For each year, the K-bar is calculated following similar steps as those for 2018, with adjustments made to account for the effects of inflation and productivity growth, growth in billing units (Q value), and changes to the weighted average cost of capital.[18] These updated parameters are to be used to calculate the amount of incremental Type 2 capital funding for a given year.

28. ATCO Electric applied for 2022 K-bar funding of $75 million.[19] As well, as noted in Table 1, ATCO Electric's 2020 and 2021 K-bar true-ups for the actual cost of debt resulted in refunds of $2.3 million for 2020 and $2.2 million for 2021.[20] No party objected to ATCO Electric's applied-for K-bar funding or K-bar true-ups.

29. The Commission has reviewed ATCO Electric's schedules showing the calculation of the 2022 K-bar and the 2020 and 2021 K-bar true-up amounts and finds that it followed the methodology set out in Decision 22394-D01-2018. Therefore the Commission approves ATCO Electric's 2022 K-bar of $75 million. The 2022 K-bar will be subject to a further true-up for the 2022 actual approved cost of debt. The Commission also approves ATCO Electric's K-bar true-up refunds of $2.3 million for 2020 and $2.2 million for 2021.[21]

15 Exhibit 26849-X0001, application, paragraph 46.
16 Decision 22394-D01-2018: Rebasing for the 2018-2022 PBR Plans for Alberta Electric and Gas Distribution Utilities, First Compliance Proceeding, Proceeding 22394, February 5, 2018, paragraph 167.
17 Decision 22394-D01-2018, paragraph 169.
18 Decision 22394-D01-2018, paragraph 223.
19 Exhibit 26849-X0003, Appendix B - Interim K Bar Schedules, Sch. 1-1.
20 Exhibit 26849-X0001, application, paragraph 35; Exhibit 26849-X0010, Appendix I, Schedule D.1. Consistent with its practice in prior annual PBR rate adjustment filings, ATCO Electric updated its 2021 K-bar to reflect the 2020 actual cost of debt. The 2021 K-bar will be further trued up for the 2021 actual cost of debt when it becomes available.
21 These amounts will be collected as part of ATCO Electric's Y factor as described above.

K factor

30. In the current PBR plan, K factor is used to recover the Type 1 capital funding that provides additional funding above that provided in base rates for projects that meet the specific criteria established by the Commission.[22] Type 1 capital tracker projects can be approved on a placeholder basis if a utility submits an officer's certificate showing the internal approved forecast associated with the Type 1 capital tracker project for the upcoming year. K factor can also be used to deal with any capital tracker true-up amounts from the prior-generation PBR plan.

31. ATCO Electric did not apply for any K factor rate adjustments for 2022.

4.2 Forecast billing determinants and variance analysis

32. Forecast billing determinants are generally used to allocate K, K-bar, Y and Z factors to rate classes and to calculate the resulting rate adjustments, and are also used in performing the annual use-per-customer adjustments for gas distribution utilities.

33. In the application, ATCO Electric provided detailed 2022 billing determinant forecasts.[23] ATCO Electric submitted that its forecasted 2022 billing determinants were based on the same methodology approved in Decision 25864-D01-2020.[24]

34. In Decision 25864-D01-2020, the Commission directed ATCO Electric to continue to provide information on any variances from forecast to actual billing determinants by rate class and identify the cause of variances larger than ± five per cent on an annual basis.[25] There were variances larger than ± five per cent for the small general service, irrigation, REA farm and irrigation, large general service, oilfield and street light rate classes in 2020. Variance explanations were provided in Schedule S.4 of Appendix I.[26]

35. No party objected to ATCO Electric's billing determinant forecast or its variance explanations.

36. The Commission considers that variances from forecasts such as those described by ATCO Electric for 2020 may reasonably be expected for current purposes. Such occurrences do not generally call into question the predictive value of the methodology used to generate such forecasts and ATCO Electric is directed to continue to provide information on any variances from forecast to actual billing determinants by rate class and to identify the cause of variances larger than ± five per cent on an annual basis.

37. Based on its review and assessment of ATCO Electric's methodology and billing determinants in this proceeding, the Commission finds that the methodology and the resulting 2022 forecast billing determinants are reasonable. Accordingly, the billing determinant forecast is approved, as applied for.

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[22] Decision 20414-D01-2016 (Errata), paragraph 198.
[23] Exhibit 26849-X0010, Appendix I, schedules S.1 and S.2.
[24] Decision 25864-D01-2020, paragraph 40.
[25] Decision 25864-D01-2020, paragraph 30.
[26] Exhibit 26849-X0010, Appendix I, Schedule S.4.

5 2020 TACDA true-up

38. All electric distribution utilities accessing the electric transmission system in the province are charged by the Alberta Electric System Operator (AESO) for transmission services provided in relation to customers in their service areas. The purpose of the annual TACDA true-up is to ensure that revenues collected through a distribution utility's transmission access charges in a year recover the AESO tariff charges paid by the utility in that year.

39. In the current PBR plan, as a dollar-for-dollar flow-through of the AESO tariff charges, TACDA amounts are costs considered to be eligible for Y factor treatment. The utility does not assume any volume or price risk, but also does not earn any return, nor risk losses, in flowing through these costs to customers.

40. The annual TACDA true-up schedules are based on the harmonized framework approved by the Commission for all four distribution utilities in Decision 3334-D01-2015.[27] ATCO Electric's 2019 TACDA true-up was approved in Decision 25800-D01-2020.[28]

5.1 Total net true-up amount

41. ATCO Electric applied for a net 2020 TACDA refund of $1.720 million to customers. The components of the total true-up amount applied for are listed in Table 2 and are further described in this section:

Table 2. Components of the applied-for 2020 TACDA true-up amount

Component	True-up amount collection/(refund) ($ million)	Methodology to attribute the true-up amount to rate classes
2018 TAC deferral account true-up	1.667	Determined as the difference between the amount approved for collection or refund by rate class and the amount actually collected or refunded for each rate class.
2020 SAS deferral true-up	0.529	AESO costs are allocated to rate classes using ATCO Electric's Phase 2 cost-of-service methodology underlying its SAS rates, with the exception of Rate T31 for transmission direct-connect customers. Since Rate T31 customers are billed on a flow-through basis, no amounts have been allocated to this customer class.
2020 AESO deferral account reconciliation (DAR) true-up	(3.014)	Allocated to the rate classes (excluding Rate T31) in proportion to the actual 2020 energy consumed by rate class.
2020 Balancing Pool true-up	(0.962)	Allocated to rate classes (Rate T31) in proportion to the actual 2020 energy consumption by rate class.
Carrying costs	0.060	Allocated to the rate classes in proportion to their deferral balances (for which carrying costs have been assessed) allocated to them in the preceding components of this true-up calculation.
Total collect/(refund)	**(1.720)**	**Calculated as the sum of all items**

Source: Exhibit 26849-X0022 Appendix P, Schedule 1.0.

42. The deferral account rider true-up ensures that the amounts actually collected or refunded through a previously approved rider equal the amounts approved by the Commission. In 2020,

27 Decision 3334-D01-2015: Commission-Initiated Review, Electric Transmission Access Charge Deferral Accounts – Annual Applications, Proceeding 3334, Application 1610728-1, July 21, 2015.

28 Decision 25800-D01-2020: ATCO Electric Ltd., 2019 Annual Transmission Access Charge Deferral Account True-Up, Proceeding 25800, November 20, 2020.

ATCO Electric was approved to collect $21.092 million through TACDA true-up Rider G.[29] The actual collection was $19.425 million, necessitating a further collection of $1.667 million.

43. The SAS deferral true-up ensures the actual transmission access revenues received from SAS rates and related quarterly riders equals the actual transmission costs incurred. ATCO Electric's total 2020 transmission access revenues for distribution-connected customers, including revenues received through its quarterly TACDA true-up riders, amounted to $345.853 million which, compared to total costs of $346.383 million, results in a required collection of $0.529 million.

44. The AESO DAR deals with any variances between the actual costs the AESO incurs and the revenues it receives to ensure that "… on an annual basis, no profit or loss results from its operation."[30] Any such variances are refunded to, or recovered from, market participants by way of the AESO DAR, typically undertaken on an annual basis. The distribution utilities flow through these collections or refunds to customers in their service areas. The Commission approved the AESO's 2020 DAR in Decision 26541-D01-2021.[31] The reconciliation will result in a $3.014 million refund to ATCO Electric's customers.

45. ATCO Electric's Balancing Pool true-up ensures that its Balancing Pool refund to, or collection from, its customers matches its settlement with the AESO.[32] In 2020, the AESO collected $28.896 million from ATCO Electric. Due to differences between forecast and actual billing determinants, ATCO Electric collected $29.859 million from its customers in 2020, necessitating a net refund of $0.962 million.

46. ATCO Electric calculated carrying costs on outstanding amounts related to the true-up balances in accordance with Rule 023.[33] The rate used was the weighted average Bank of Canada monthly bank rate plus 1.5 per cent. ATCO Electric complied with the Commission's direction from Decision 25800-D01-2020 and excluded the 2020 AESO DAR from the calculation and allocation of carrying costs. The total carrying costs amounted to a $0.060 million collection from customers.[34]

47. ATCO Electric's application and schedules are consistent with the harmonized framework approved by the Commission in Decision 3334-D01-2015. The Commission finds the amounts comprising the 2020 annual TACDA true-up to be reasonable. The Commission also finds the assignment of the individual components of the 2020 TACDA true-up to rate classes to

[29] Decision 24779-D01-2019: ATCO Electric Ltd., 2018 Annual Transmission Access Charge Deferral Account True-Up, Proceeding 24779, November 18, 2019, paragraph 24.

[30] Under Section 14(3) of the *Electric Utilities Act*.

[31] Decision 26541-D01-2021: Alberta Electric System Operator, 2020 Deferral Account Reconciliation, Proceeding 26541, August 4, 2021.

[32] Under Section 82 of the *Electric Utilities Act*, each year the Balancing Pool is required to forecast its revenues and expenses to determine any excess or shortfall of funds. Based on this forecast, the Balancing Pool determines an annualized amount that will be refunded to, or collected from, electricity consumers over the year "… so that no profit or loss results, after accounting for the annualized amount under section 82(7) as a revenue or expense of the Balancing Pool." This amount, known as the consumer allocation, applies to all market participants who receive SAS from the AESO and is recovered through Rider F of the AESO tariff. The consumer allocation is based on the amount of electric energy consumed annually. In 2020, the Balancing Pool charged a consumer allocation of $2.50 per megawatt hour (MWh).

[33] Rule 023 applies as the lag in the implementation of the refund exceeds 12 months and the revenue amount is sufficient per Section 3(2)(c) to warrant the awarding of carrying costs.

[34] Exhibit 26849-X0022, Schedule 7.0, cell B71.

be consistent with previously approved methodologies and reasonable in the circumstances. Accordingly, the Commission approves a net refund of $1.720 million set out in Table 2 of this decision.

5.2 Rider G rate and effective period

48. ATCO Electric proposed to apply the 2020 annual TACDA true-up by way of a Rider G. To smooth rates over time and promote rate stability, ATCO Electric proposed Rider G to be in effect over a 12-month period from January 1, 2022, to December 31, 2022 – that is, coinciding with the same period over which ATCO Electric's 2022 PBR rates will be in effect.

49. ATCO Electric calculated Rider G by summing the 2020 TACDA true-up components and related carrying costs by rate class and divided these amounts by the 2022 forecast billing determinants. The resulting true-up amounts and the proposed Rider G rate are set out in the table below:

Table 3. True-up amounts and proposed Rider G rate by rate class

Rate class	Total true-up ($)	Rider G rate ($/kWh)
Residential	1,462,965	0.00131
Small General Service	938,810	0.00107
Irrigation Pumping Service	(48,615)	(0.02437)
Large General Service	(4,803,904)	(0.00074)
Transmission Connected	-	-
Oil Field	(30,383)	(0.00010)
REA Farm Service	64,882	0.00088
Farm Service	808,770	0.00189
Street Lights	(78,534)	(0.00437)
Private Lights	(34,233)	(0.01406)
Total	**(1,720,242)**	

Source: Exhibit 26849-X0022, Appendix P, Schedule 1.0.

50. As shown in Table 3, while the total net true-up amount results in a refund, Rider G across individual rate classes will result in a collection from some customer classes. This is due to the relative size of the components of the true-up amounts.

51. The Commission finds ATCO Electric's use of Rider G to collect the 2020 TACDA true-up amounts to be reasonable because using a separate rider facilitates better tracking of these flow-through costs. The Commission agrees that implementing Rider G over the same period as ATCO Electric's 2022 PBR rates will promote rate stability. In Section 6, the Commission assesses the total bill impact of ATCO Electric's 2022 PBR rates, including Rider G.

5.3 Inclusion of TACDA true-up in the annual PBR rate adjustment filings

52. The Commission indicated it would evaluate the effectiveness of including the 2020 TACDA true-up applications as part of the distribution utilities' 2022 PBR rate adjustment filings and, based on its review, may adopt it for all future TACDA applications. Based on the experience in this proceeding, the Commission finds that including TACDA true-up applications

as part of the annual PBR rate adjustment filings is effective in enhancing regulatory efficiency and reducing administrative burden.

53. However, there will not be annual PBR rate adjustment filings in 2022 and 2023 due to the rebasing process mentioned in Section 3. Therefore, the annual TACDA true-up applications for 2021 and 2022 may be filed under stand-alone proceedings until annual PBR rate adjustment filings resume in the next PBR term. Under this approach, the Commission directs ATCO Electric to file its 2021 and 2022 annual TACDA true-up applications by September 10 of 2022 and 2023, respectively.

54. ATCO Electric may find an opportunity, or may be directed by the Commission, to combine the 2021 and/or 2022 TACDA true-ups with some other application, such as a compliance filing to establish 2023 or 2024 rates. In that event, unless instructed otherwise by the Commission, ATCO Electric is directed to inform the Commission of its proposed treatment of 2021 and 2022 annual TACDA true-up by September 1 of 2022 and 2023, respectively.

55. Subject to the outcome of a future proceeding to establish the parameters of the next PBR plan, the Commission directs ATCO Electric to continue including the annual TACDA true-up in its future annual PBR rate adjustment filings, starting with the 2025 annual PBR rate adjustment filing.

6 2022 PBR rates

56. In this section the Commission must assess how these individual components will be recovered by ATCO Electric’s distribution tariff – through its distribution rates, SAS rates and rate riders – and assess the resulting bill impacts.

6.1 System access service rates

57. In its application, ATCO Electric requested approval of its 2022 SAS rates, to be effective January 1, 2022.[35] ATCO Electric’s proposed 2022 SAS rates reflect its latest forecast of AESO volumes and prices. The volume forecast was prepared using its previously approved method; the price forecast relied on the AESO’s 2021 Independent System Operator tariff structure and rates as approved in Decision 26054-D01-2020.[36]

58. As a result, the SAS payments forecast for distribution-connected customers increased from $356.8 million included in 2021 PBR rates, to $383.4 million for 2022. This increase in forecast SAS payments reflects an increase of 7.44 per cent in the transmission SAS rate.[37]

59. To determine its 2022 SAS rates, ATCO Electric applied a scaling approach to its 2021 transmission rates approved in Decision 25864-D01-2020, and noted that this approach was

[35] Exhibit 26849-X0001, application, paragraph 63.
[36] Decision 26054-D01-2020: Alberta Electric System Operator, 2021 Independent System Operator, Tariff Update, Proceeding 26054, December 18, 2020.
[37] Exhibit 26849-X0001, application, paragraph 64.

approved in Decision 23895-D01-2018.[38] [39] ATCO Electric provided the calculations and assumptions that were used to arrive at the 2022 SAS rates in the application.

60. Additionally, ATCO Electric updated its 2022 Balancing Pool adjustment rider to align with the AESO's Rider F rate of $2.20/MWh approved in Decision 26979-D01-2021.[40]

61. No intervener objected to ATCO Electric's calculation of its 2022 SAS rates.

62. The Commission has reviewed ATCO Electric's calculations of its proposed 2022 SAS rates and the underlying assumptions, and finds them to be reasonable and consistent with its past SAS rate proposals. Therefore, the Commission approves the proposed 2022 SAS rates as filed.

6.2 Distribution rates: 2022 PBR rates including the 2021 deferred amount (Rider J)

63. In Section 4 of this decision, the Commission approved individual components of the PBR framework, including the I-X index, Y factor amount and K-bar factor, all of which result in annual adjustments to ATCO Electric's PBR rates. The Commission also approved a billing determinant forecast and the resulting Q value for 2022. As well, the Commission approved other components of ATCO Electric's distribution rates: the 2020 TACDA true-up in Section 5 and SAS rates in Section 6.1.

64. ATCO Electric provided bill impact schedules reflecting the 2022 rates, including all components of its distribution tariff that ATCO Electric proposed to go into effect on January 1, 2022. These are summarized in Table 4.

Table 4. Bill impacts of ATCO Electric's 2022 PBR rates

Rate class description	Typical bill change – October 2021 to January 2022			
	Distribution and SAS charges (Note 1)		Total charges (bundled) (Note 2)	
	($)	(%)	($)	(%)
D11 – Residential	17.75	16	19.96	10
D21 – Commercial	71.91	14	101.49	7
D25 – Irrigation	116.01	13	121.55	10
D26 – REA Irrigation	59.14	11	31.66	3
D31 – Industrial	142.47	12	214.67	7
D41 – Oilfield	89.82	14	109.72	6
D51 – REA Pooled	7.30	11	11.66	5
D56 – Farm	14.73	14	25.19	9
D61 – Street Lights (No Investment)	3.40	18	3.54	12
D61 – Street Lights (Investment)	5.72	18	5.86	14
D63 – Private Lights	2.18	17	2.36	10
T31 – T Connect	204.00	0.1	377.20	0.1

Source: Exhibit 26849-X0009, Appendix H, 2022 Rate comparisons.
Note 1: Distribution and SAS charges, excluding riders, retail, energy and local access fee charges. Note 2: All charges, comprising of transmission and distribution base rates including Rider J as discussed below, Rider G, Rider B, retail, energy and local access fee charges.

38 Exhibit 26849-X0001, application, paragraph 65.

39 Decision 23895-D01-2018: ATCO Electric Ltd., 2019 Annual Performance-Based Regulation Rate Adjustment Filing, Proceeding 23895, December 18, 2018.

40 Decision 26979-D01-2021: Alberta Electric System Operator, 2022 Balancing Pool Consumer Allocation – Rider F, Proceeding 26979, November 24, 2021.

65. The bill impact on a total bundled bill (i.e., inclusive of distribution, SAS, rate riders, retail, energy and local access fee charges) from ATCO Electric's proposed 2022 PBR rates is 10 per cent for several customer rate classes, and slightly more for the street lighting rate classes. The Commission has generally considered in previous decisions rate increases greater than 10 per cent to be indicative of rate shock. The Commission has not always applied this 10 per cent threshold to all rate classes; for example, rate increases were approved for the street lighting rate class when the absolute quantum of the bill impact was small, even though it may have resulted in larger percentage changes. For some rate classes, ATCO Electric's proposed bill impacts are at the threshold of what the Commission generally considers to be rate shock. These impacts arise not only from the 2022 rates considered in this decision but also from Commission approvals and directions in decisions 26170-D01-2020 and 26360-D01-2021 relating to the 2021 deferred amount.[41]

66. Specifically, in Decision 26170-D01-2020, the Commission approved the proposal by ATCO Electric and ATCO Gas and Pipelines Ltd. to keep the distribution portion of their electricity and gas rates unchanged from the 2020 approved rates, effective January 1, 2021. This rate freeze, (i.e., a deferral of the 2021 distribution rates increase) did not extend to flow-through charges and rate riders, which went into effect on January 1, 2021. This meant that the previously approved 2020 distribution rates remained in effect for 2021. In that decision, the Commission also approved the proposal to accumulate the difference between the 2021 distribution rates that would have normally gone into effect and the interim rates (i.e., the 2020 distribution rates) in a deferral account. This difference is referred to in this decision as the 2021 deferred amount.[42]

67. Subsequently, in Decision 26360-D01-2021, the Commission approved the collection of the 2021 deferred amount beginning January 1, 2022. The Commission directed ATCO Electric to submit a plan to implement and collect the deferred amount starting January 1, 2022, as part of its 2022 annual PBR rate adjustment filing (i.e., the present proceeding). It also directed ATCO Electric to collect as much of the 2021 deferred amount as possible in 2022, while avoiding rate shock, with the intent of collecting any remaining balance in 2023. This would minimize carrying costs, and thus the cost to ratepayers, on the 2021 deferred amount. Further, the Commission approved the collection of carrying costs on the 2021 deferred amount based on Rule 023, which specifies that interest will be calculated at a rate equal to the Bank of Canada's bank rate plus 1½ per cent.

68. In the present proceeding, ATCO Electric submitted its plan to collect the 2021 deferred amount using its interim Rider J beginning January 1, 2022. To keep bill impacts no larger than 10 per cent, ATCO Electric applied to collect $42.1 million in 2022, while the remaining balance of $21.8 million would be recovered in 2023.[43] ATCO Electric indicated it will true up in future applications any differences in collected revenue arising from the difference between forecast and actual billing determinants.

69. While ATCO Electric's proposed collection of the 2021 deferred amount through Rider J contributes to the increase in customer rates on a total bundled bill basis shown in Table 4, it is only one of a number of factors. Another factor is the changes in 2022 rates based on the PBR

41 Decision 26360-D01-2021: ATCO Electric Ltd. and ATCO Gas and Pipelines Ltd. 2021 Performance-Based Regulation Rate Implementation, Proceeding 26360, June 18, 2021.

42 Decision 26170-D01-2020, paragraph 2.

43 Exhibit 26849-X0010, Appendix I – 2022 ATCO Electric rate calculations, Tab J.1.

formula and other components (such as SAS rates and true-up riders) as approved in this decision. Finally, because the 2022 PBR rates are compared to the 2020 PBR rates that remained in effect for 2021, this creates a larger increase than if the 2022 PBR rates were compared to 2021 PBR rates had they been in place. In other words, the bill increases in Table 4 can be thought of as a two-year increase.

70. The Commission asked ATCO Electric to consider scenarios that would keep bill impacts below 10 per cent. ATCO Electric's analysis showed that reducing the bill impacts for 2022 PBR rates below 10 per cent for the rate classes at this threshold would result in residual deferral amounts being carried through into 2024, which would ultimately result in increased costs for customers through the accumulation of carrying charges.[44] It also exacerbates concerns of intergenerational inequity.

71. The Commission accepts the general principles and methodologies used by ATCO Electric for calculating its 2022 PBR rates and its proposed Rider J. The Commission also accepts the bill impacts that result, as shown in Table 4. This is because the Commission finds that ATCO Electric has calculated its 2022 rates consistent with the practices and methodologies approved for the current 2018-2022 PBR term, and its proposed Rider J is consistent with the approvals and directions in decisions 26170-D01-2020 and 26360-D01-2021 dealing with ATCO Electric's 2021 distribution rate freeze. Although the resulting bill impacts are elevated, the Commission finds that ATCO Electric's proposed approach ultimately minimizes the overall costs to ratepayers and in the case of ATCO Electric's proposed implementation of Rider J specifically, minimizes intergenerational inequity.

72. Prior to the issuance of this decision, in Disposition 27033-D01-2021[45] the Commission approved the Q1 2022 SAS Deferral Rider S for ATCO Electric, resulting in further changes to customer bills.[46] However, these changes do not affect the Commission's conclusions in this decision regarding the bill impact of the 2022 PBR rates.

73. For the reasons set out above, the Commission approves ATCO Electric's 2022 PBR rates, as provided in Exhibit 26849-X0008.01, on an interim basis, effective January 1, 2022. These rates will remain interim until the approved levels of all remaining placeholders (such as the Y factor and K-bar amounts) have been determined by the Commission. These 2022 rates will be finalized following such approvals and any required true-up adjustments will be made in accordance with directions subsequently provided by the Commission. Due to the rebasing process mentioned in Section 3, the Commission directs ATCO Electric to true up the placeholders remaining in its 2022 distribution rates in a future proceeding to establish the 2023 rates, such as a compliance filing to the rebasing application.

74. The Commission also approves ATCO Electric's proposed use of an interim Rider J to collect the 2021 deferred amount beginning January 1, 2022. Most customer rate classes will pay in 2022 their entire portion of the 2021 deferred amount allocated to them, subject to any true-ups between forecast and actual billing determinants. The $21.8 million carried forward for collection in 2023 will only apply to the residential, irrigation and lighting rate classes because

[44] Exhibit 26849-X0034, AE-AUC-2021OCT18-003.

[45] Disposition 27033-D01-2021: ATCO Electric Ltd., Q1 2022 Quarterly AESO DTS Deferral Account Rider, Proceeding 27033, December 13, 2021.

[46] Proceeding 27033, Exhibit 27033-X0004, Appendix C-13. Please note that these bill impacts also assume a different energy price for estimating the total bill.

they are at, or already above, the 10 per cent threshold for bill impacts, as shown in Table 4 above.

6.3 Rider E - facilities charge agreements

75. ATCO Electric removed Rider E from its price schedules effective January 2021 because Rider E no longer forms part of ATCO Electric's regulated service offering. Decision 25645-D01-2020 confirmed the Commission's expectation that ATCO Electric will execute any contractual amendments to remove the remaining customer services from regulated service under Rider E by December 31, 2021. In that decision, the Commission directed ATCO Electric that if it cannot achieve this outcome, it must explain the restrictions that impeded it from doing so in its 2022 PBR annual rates application.[47]

76. ATCO Electric confirmed that all contractual amendments required to remove the remaining customer services from regulated service under Rider E are expected to be executed by December 31, 2021.[48]

77. The Commission accepts ATCO Electric's response to the Commission direction above and finds that ATCO Electric has complied with this Commission direction.

7 Other matters

7.1 Distribution-connected generation credit – Rate D32

78. Distribution-connected generation (DCG) credits are the payments that ATCO Electric, ENMAX and Fortis provide to DCG connected to their respective distribution systems. These credits are calculated based on charges paid to or credits received from the AESO as per the AESO's demand transmission service (DTS) and supply transmission service (STS) tariff rates, and are paid pursuant to provisions within their respective tariffs. In ATCO Electric's distribution tariff, this credit is defined in the price schedule for Rate D32 and this cost is recovered from ATCO Electric's ratepayers as part of its collection of SAS costs.

79. In Decision 26090-D01-2021,[49] the Commission determined that the AESO Rate DTS portion of the DCG credit mechanism are to be diminished over a four-year transition period until they are discontinued in 2026. The AESO Rate STS portion of the DCG-related tariff is to be calculated with no change (i.e., flow through the AESO Rate STS credits or charges). Accordingly, the Commission directed ATCO Electric to calculate the DTS portion of Rate D32 in the same way that it otherwise would have, but then reduce the value of the DTS portion of the DCG credit by applying a multiplier to it before finalizing and issuing the credit. The multiplier to be used is based on the year that Rate D32 is calculated, as per the table below.

47 Decision 25645-D01-2020: ATCO Electric Ltd., 2019 Distribution Tariff Phase II Compliance Filing, Proceeding 25645, July 23, 2020, paragraph 75.

48 Exhibit 26849-X0034, AE-AUC-2021OCT18-006.

49 Decision 26090-D01-2021: FortisAlberta Inc., Distribution-Connected Generation Credit Module for Fortis's 2022 Phase II Distribution Tariff Application, Proceeding 26090, June 7, 2021.

Table 5. Multiplier for the calculated DTS portion of the DCG credit[50]

Year	First day when the multiplier will be applied	Multiplier
1	Jan 1, 2022	0.8
2	Jan 1, 2023	0.6
3	Jan 1, 2024	0.4
4	Jan 1, 2025	0.2
5	Jan 1, 2026	0

80. In the present proceeding, ATCO Electric requested the Commission approve its compliance with the Commission's directions concerning the calculation of the DCG credit mechanism. The Commission approves ATCO Electric's compliance with Decision 26090-D01-2021 and ATCO Electric's inclusion of the multipliers in its customer rate schedule.

81. Although ATCO Electric added the prescribed multipliers into its rate schedules, it did not account for the effects of the multipliers on its transmission access cost forecast. For example, in 2022, absent new DCG connecting and assuming a similar performance of DCG as in previous years, the value of DCG credits paid by ATCO Electric would be lower than what was paid in 2021. This would be true in every year until the DTS portion of DCG credits is entirely discontinued in 2026. However, ATCO Electric's SAS cost forecast assumed that DCG credits were paid as if the multiplier did not exist.

82. When asked to explain its rationale, ATCO Electric stated that it took this approach to limit the regulatory burden necessary to incorporate the multipliers in its SAS cost forecast. Specifically, ATCO Electric proposed to forecast its SAS billing determinants in a consistent manner at this point and consider making adjustments to its forecast beginning in 2023, once the multiplier is at a lower percentage.[51] The Commission accepts ATCO Electric's proposed approach because (i) the relatively small component DCG credits contribute to ATCO Electric's total transmission access cost forecast; (ii) the actual cost of DCG credits, like all SAS costs, are ultimately trued up as part of the TACDA process; and (iii) the regulatory effort that will be saved by this approach. Accordingly, the Commission directs ATCO Electric to review its approach when forecasting its 2023, 2024 and 2025 SAS costs in future applications.

7.2 Terms and conditions of service and other rate schedules

83. As part of the application, ATCO Electric adjusted its maximum investment levels (MILs) and supplementary service charges schedules by the 2022 I-X index.[52]

84. The Commission finds the increase to ATCO Electric's MILs and supplementary service charges to be consistent with Decision 20414-D01-2016 (Errata). As a result, the Commission approves ATCO Electric's Schedule of Available Company Investment, and Schedule of Supplementary Service Charges, as set out in Appendix 4 and Appendix 5 to this decision, respectively, effective January 1, 2022, on a final basis.

50 Decision 26090-D01-2021, Table 2.
51 Exhibit 26849-X0034, AE-AUC-2021OCT18-004.
52 Exhibit 26849-X0001, application, paragraphs 72-73.

85. ATCO Electric did not propose any changes to its T&Cs.[53] The Commission confirms that ATCO Electric's customer T&Cs and retailer T&Cs approved in Decision 25864-D01-2020 remain in effect.

7.3 Financial reporting requirements and senior officer attestation

86. In Decision 20414-D01-2016 (Errata), the Commission adopted the requirement from Decision 2012-237[54] that each distribution utility be required to provide the following financial information in its annual PBR rate adjustment filing:

(a) A copy of its Rule 005 filing.

(b) A schedule showing disallowed costs, excluded from a distribution utility's ROE.

(c) Attestations and certifications signed by a senior officer of the distribution utility.[55]

87. The Commission provided a detailed summary or description of each of the above requirements in Section 4.6 of Decision 23355-D02-2018.[56]

88. The Commission has reviewed the financial information provided by ATCO Electric[57] and is satisfied that it has complied with the financial reporting requirements set out in Decision 20414-D01-2016 (Errata).

7.4 Finalizing 2019 and 2020 interim rates

89. In its application, ATCO Electric requested that the Commission approve its 2019 and 2020 rates on a final basis.[58] No party objected to the finalization of these rates. The Commission approves ATCO Electric's request to finalize 2019 and 2020 interim rates because all outstanding K factor and Y factor adjustments have been trued up as described above and there are no further outstanding matters.

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53 Exhibit 26849-X0001, application, paragraph 71.

54 Decision 2012-237: Rate Regulation Initiative, Distribution Performance-Based Regulation, Proceeding 566, Application 1606029-1, September 12, 2012.

55 Decision 20414-D01-2016 (Errata), Appendix 5, Section 10, Financial reporting requirements, PDF pages 101-102.

56 Decision 23355-D02-2018: Rebasing for the 2018-2022 Performance-Based Regulation Plans for Alberta Electric and Gas Distribution Utilities, Second Compliance Proceeding, Proceeding 23355, October 10, 2018, paragraphs 71-74.

57 Exhibits 26849-X0011, Appendix J; 26849-X0012, Appendix K; 26849-X0001, application, Appendix M.

58 Exhibit 26849-X0001, application, paragraph 4.

8 Order

90. It is hereby ordered that:

(1) ATCO Electric Ltd.’s 2022 rates, options, riders and corresponding rate schedules as set out in Appendix 3 are approved effective January 1, 2022, on an interim basis.

(2) ATCO Electric Ltd.’s 2022 Schedule of Available Company Investment and the Schedule of Supplementary Service Charges, as set out in Appendix 4 and Appendix 5, respectively, are approved effective January 1, 2022, on an final basis.

(3) ATCO Electric Ltd.’s request to finalize its 2019 and 2020 interim performance-based regulation rates that were previously both approved on an interim basis are approved as final.

Dated on December 16, 2021.

Alberta Utilities Commission

(original signed by)

Vera Slawinski
Commission Member

Appendix 1 – Proceeding participants

Name of organization (abbreviation) **Company name of counsel or representative**
ATCO Electric Ltd. (ATCO Electric)
Direct Energy Marketing Limited
Consumers' Coalition of Alberta (CCA)
Office of the Utilities Consumer Advocate (UCA)

Alberta Utilities Commission Commission panel V. Slawinski, Commission Member Commission staff A. Spurrell R. Lucas A. Corsi S. Sharma E. Deryabina

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 considers that variances from forecasts such as those described by ATCO Electric for 2020 may reasonably be expected for current purposes. Such occurrences do not generally call into question the predictive value of the methodology used to generate such forecasts and ATCO Electric is directed to continue to provide information on any variances from forecast to actual billing determinants by rate class and to identify the cause of variances larger than ± five per cent on an annual basis. .... paragraph 36
2. However, there will not be annual PBR rate adjustment filings in 2022 and 2023 due to the rebasing process mentioned in Section 3. Therefore, the annual TACDA true-up applications for 2021 and 2022 may be filed under stand-alone proceedings until annual PBR rate adjustment filings resume in the next PBR term. Under this approach, the Commission directs ATCO Electric to file its 2021 and 2022 annual TACDA true-up applications by September 10 of 2022 and 2023, respectively........................ paragraph 53
3. ATCO Electric may find an opportunity, or may be directed by the Commission, to combine the 2021 and/or 2022 TACDA true-ups with some other application, such as a compliance filing to establish 2023 or 2024 rates. In that event, unless instructed otherwise by the Commission, ATCO Electric is directed to inform the Commission of its proposed treatment of 2021 and 2022 annual TACDA true-up by September 1 of 2022 and 2023, respectively. .... paragraph 54
4. Subject to the outcome of a future proceeding to establish the parameters of the next PBR plan, the Commission directs ATCO Electric to continue including the annual TACDA true-up in its future annual PBR rate adjustment filings, starting with the 2025 annual PBR rate adjustment filing.. paragraph 55
5. For the reasons set out above, the Commission approves ATCO Electric's 2022 PBR rates, as provided in Exhibit 26849-X0008.01, on an interim basis, effective January 1, 2022. These rates will remain interim until the approved levels of all remaining placeholders (such as the Y factor and K-bar amounts) have been determined by the Commission. These 2022 rates will be finalized following such approvals and any required true-up adjustments will be made in accordance with directions subsequently provided by the Commission. Due to the rebasing process mentioned in Section 3, the Commission directs ATCO Electric to true up the placeholders remaining in its 2022 distribution rates in a future proceeding to establish the 2023 rates, such as a compliance filing to the rebasing application... paragraph 73
6. When asked to explain its rationale, ATCO Electric stated that it took this approach to limit the regulatory burden necessary to incorporate the multipliers in its SAS cost forecast. Specifically, ATCO Electric proposed to forecast its SAS billing determinants in a consistent manner at this point and consider making adjustments to its forecast beginning in 2023, once the multiplier is at a lower percentage.[59] The Commission

[59] Exhibit 26849-X0034, AE-AUC-2021OCT18-004.

accepts ATCO Electric's proposed approach because (i) the relatively small component DCG credits contribute to ATCO Electric's total transmission access cost forecast; (ii) the actual cost of DCG credits, like all SAS costs, are ultimately trued up as part of the TACDA process; and (iii) the regulatory effort that will be saved by this approach. Accordingly, the Commission directs ATCO Electric to review its approach when forecasting its 2023, 2024 and 2025 SAS costs in future applications. .... paragraph 82

Appendix 3 – 2022 Rate schedules

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Appendix 3 - 2022
Rate schedules

(consists of 50 pages)

Appendix 4 – Schedule of Available Company Investment

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Appendix 4 -
Schedule of Availabl

(consists of 2 pages)

Appendix 5 – Schedule of Supplementary Service Charges

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Appendix 5 -
Schedule of Suppler

(consists of 2 pages)

ATCO Electric

PRICE SCHEDULE INDEX

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

PRICE OPTIONS

Idle Service	Option F
Service for Non-Standard Transformation and Metering Configurations	Option H
REA Distribution Price Credit	Option P

PRICING ADJUSTMENTS (RIDERS)

Municipal Assessment	Rider A
Balancing Pool Adjustment	Rider B
Temporary Adjustment	Rider G
Interim Adjustment	Rider J
System Access Service (SAS) Adjustment	Rider S

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Price Schedule D11
Standard Residential Service

Availability

For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company. Price Schedule D11 is available for use by a single and separate household through a single-phase service at secondary voltage through a single meter. Price Schedule D11 is not applicable for commercial or industrial use.

Price

The charge for service in any one billing period is the sum of the Customer Charge and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Energy Charge
Transmission	-	4.95 ¢/kW.h
Distribution	133.71 ¢/day	8.54 ¢/kW.h
Service	25.54 ¢/day	-
TOTAL PRICE	$1.5925 /day	13.49 ¢/kW.h

Application

1. **Price Option** - the following price option may apply:
   Idle Service (Option F)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

ATCO Electric

Price Schedule D13
Time of Use Residential Service

Availability

For System Access Service and Electric Distribution Service where an advanced metering infrastructure (AMI) meter has been installed. Price Schedule D13 is available by request only and at the discretion of the company for use by a single and separate household through a single-phase service at secondary voltage through a single meter. Price Schedule D13 is not applicable for commercial or industrial use.

Price

The charge for service in any one billing period is the sum of the Customer Charge and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Energy Charge	
		On Peak	Off Peak
Transmission	-	8.82 ¢/kW.h	3.53 ¢/kW.h
Distribution	133.71 ¢/day	15.24 ¢/kW.h	6.09 ¢/kW.h
Service	25.54 ¢/day	-	-
TOTAL PRICE	$1.5925 /day	24.06 ¢/kW.h	9.62 ¢/kW.h

On Peak rates will be applied between the hours of 4 p.m. to 9 p.m. Off Peak rates will be applied before 4 p.m. and after 9 p.m.

Application

1. **Price Option** - the following price option may apply:
   Idle Service (Option F)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Price Schedule D21
Standard Small General Service

Availability

For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, with single or three-phase electric service at secondary voltage. Not applicable for any service in excess of 500 kW.

Price

Charges for service in any one billing period shall be the sum of the Customer Charge, Demand Charge, and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge	
			For the first 200 kW.h per kW of billing demand	For energy in excess of 200 kW.h per kW of billing demand
Transmission	-	31.77 ¢/kW/day	0.58 ¢/kW.h	0.58 ¢/kW.h
Distribution	36.03 ¢/day	28.98 ¢/kW/day	4.03 ¢/kW.h	-
Service	30.87 ¢/day	-	-	-
TOTAL PRICE	66.90 ¢/day	60.75 ¢/kW/day	4.61 ¢/kW.h	0.58 ¢/kW.h

The billing demand for the Transmission, Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) 85% of the difference between the highest metered demand in the twelve-month period including and ending with the billing period and 150 kW, if this is greater than zero;

(c) the estimated demand;

(d) if applicable, the Transmission Contract Demand (TCD) applied to Transmission charges, and/or the Distribution Contract Demand (DCD) applied to Distribution and Service charges;

(e) 5 kilowatts.

Application

1. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment.

2. **Price Options** - the following price options may apply:
   Idle Service (Option F)
   Service for Non-Standard Transformation and Metering Configurations (Option H)
   REA Distribution Price Credit (Option P)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Price Schedule D22
Small Technology

Availability

- For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, for customer owned and installed fixtures.
- For installation and maintenance of distribution facilities up to, but not including the customer owned conductor serving the fixtures.
- Not applicable for any service in excess of 1 kW.
- Available to Small Technology services with predictable energy consumption as determined by the Company

Price

Charges for service in any one billing period shall be the Customer Charge and Demand Charge, determined for each individual Point of Service.

	Customer Charge	Demand Charge
Transmission	-	77.75 ¢/kW/day
Distribution	99.32 ¢/day	32.94 ¢/kW/day
Service	18.16 ¢/day	-
TOTAL PRICE	$1.1748 /day	$1.1069 /day

The billing demand for the Transmission, Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) the estimated demand;

(c) if applicable, the Transmission Contract Demand (TCD) applied to Transmission charges, and/or the Distribution Contract Demand (DCD) applied to Distribution and Service charges;

Application

1. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment.

2. **Price Options** - the following price option may apply:
   Idle Service (Option F)

3. **Price Adjustments** - the following additional charges (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Price Schedule D23
Electric Vehicle Fast Charging Service

Limited Availability

- Available throughout the Company's territory, to eligible Points of Service as determined in the Company's sole discretion, for loads no greater than 500 kW.
- Available only when the Company determines that there is sufficient capacity. Service on this rate is interruptible for system security reasons.
- The Point of Service must be equipped with dedicated, revenue-approved time of use metering.

Price

The charge for service in any one billing period is the sum of the Customer Charge and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Energy Charge
Transmission	-	38.12 ¢/kW.h
Distribution	248.88 ¢/day	18.54 ¢/kW.h
Service	17.27 ¢/day	0.43 ¢/kW.h
TOTAL PRICE	$2.6615 /day	57.09 ¢/kW.h

Application

1. **Price Options** - the following price option may apply:
   Idle Service (Option F)

2. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment at the Customer's expense.

3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Price Schedule D24
Standard Small General Service
Isolated Industrial Areas

Availability

For Electric Distribution Service, single or three-phase, for all Points of Service throughout the territory served by the Company distribution connected from an isolated industrial area. Not applicable for any service in excess of 500 kW.

Price

Charges for service in any one billing period shall be the sum of the Customer Charge, Demand Charge, and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge	
			For the first 200 kW.h per kW of billing demand	For energy in excess of 200 kW.h per kW of billing demand
Distribution	36.03 ¢/day	28.98 ¢/kW/day	4.03 ¢/kW.h	-
Service	30.87 ¢/day	-	-	-
TOTAL PRICE	66.90 ¢/day	28.98 ¢/kW/day	4.03 ¢/kW.h	-

The billing demand for the Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) 85% of the difference between the highest metered demand in the twelve-month period including and ending with the billing period and 150 kW, if this is greater than zero;

(c) the estimated demand;

(d) the Distribution Contract Demand (DCD);

(e) 5 kilowatts.

Application

1. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment.

2. **Price Options** - the following price options may apply:
   Idle Service (Option F)
   Service for Non-Standard Transformation and Metering Configurations (Option H)
   REA Distribution Price Credit (Option P)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

ATCO Electric

Price Schedule D25
Irrigation Pumping Service

Availability

For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, between April 1 and October 31 for seasonal irrigation pumping loads. Not applicable for any service in excess of 150 kW.

Price

Charges for service in any one billing period during one Season shall be the sum of the Customer Charge, Demand Charge, and Energy Charge, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	34.89 ¢/kW/day	0.58 ¢/kW.h
Distribution	43.88 ¢/day	42.98 ¢/kW/day	-
Service	49.83 ¢/day	-	-
TOTAL PRICE	93.71 ¢/day	77.87 ¢/kW/day	0.58 ¢/kW.h

The billing demand for the Transmission, Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) the estimated demand;

(c) if applicable, the Transmission Contract Demand (TCD) applied to Transmission charges, and/or the Distribution Contract Demand (DCD) applied to Distribution and Service charges;

(d) 5 kilowatts.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

Application

1. **Idle Service** - in the event the service remains idle for two consecutive seasons, the Company may remove its facilities, unless the Customer agrees to pay the minimum charge for the upcoming season.
2. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment.
3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Price Schedule D26
REA Irrigation Pumping Service

Availability

For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, between April 1 and October 31 for seasonal irrigation pumping loads of Rural Electrification Association Customers and individual co-operative and colony farms with their own distribution systems. Not applicable for any service in excess of 150 kW.

Price

Charges for service in any one billing period during one Season shall be the sum of the Customer Charge, Demand Charge, and Energy Charge, determined for each individual Point of Service.

Customers in the REA O & M Pool

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	34.89 ¢/kW/day	0.58 ¢/kW.h
Distribution	13.82 ¢/day	13.72 ¢/kW/day	-
Service	49.83 ¢/day	-	-
TOTAL PRICE	63.65 ¢/day	48.61 ¢/kW/day	0.58 ¢/kW.h

Customers outside of the REA O & M Pool

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	34.89 ¢/kW/day	0.58 ¢/kW.h
Distribution	-	-	-
Service	49.83 ¢/day	-	-
TOTAL PRICE	49.83 ¢/day	34.89 ¢/kW/day	0.58 ¢/kW.h

The billing demand for the Transmission, Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) the estimated demand;

(c) if applicable, the Transmission Contract Demand (TCD) applied to Transmission charges, and/or the Distribution Contract Demand (DCD) applied to Distribution and Service charges;

(d) 5 kilowatts.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

ATCO Electric

Price Schedule D26
REA Irrigation Pumping Service

REA Specific Charges:

Other charges are applied on behalf of the REAs as defined in contracts and are subject to change from time to time.

These charges include operation and maintenance charges and deposit reserve charges, and are in addition to the charges contained in this price schedule.

The minimum charge for the season shall be 7 times the Service Charge and 7 times the Demand Charge.

Application

1. **Idle Service** - in the event the service remains idle for two consecutive seasons, the Company may remove its facilities, unless the Customer agrees to pay the minimum charge for the upcoming season.
2. **Power Factor Correction** - where a Customer's power factor is found to be less than 90%, the Company may require the Customer to install corrective equipment.
3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

ATCO Electric

Price Schedule D31
Large General Service / Industrial Distribution Connected

Availability

- For System Access Service and Electric Distribution Service, single or three-phase distribution connected, for all Points of Service throughout the territory served by the Company. This rate is not applicable for any new Small Oilfield and Pumping Power service with yearly average operating demands of less than 75 kW, effective January 1, 2008.
- For distribution connected loads greater than 500 kW, the Point of Service must be equipped with interval data metering.

Price

Charges for service in any one billing period shall be the sum of the Customer Charge, Demand Charge, Energy Charge and Charge for Deficient Power Factor, determined for each individual Point of Service:

	Customer Charge	**Demand Charge**		**Energy Charge**
		For the first 500 kW of billing demand	For all billing demand over 500 kW	
Transmission	-	39.18 ¢/kW/day	47.49 ¢/kW/day	0.58 ¢/kW.h
Distribution	211.04 ¢/day	32.57 ¢/kW/day	22.83 ¢/kW/day	-
Service	170.08 ¢/day	-	0.59 ¢/kW/day	-
TOTAL PRICE	$3.8112 /day	71.75 ¢/kW/day	70.91 ¢/kW/day	0.58 ¢/kW.h

The billing demand for the Distribution and Service charges shall be the higher of:

(a) The highest metered demand during the billing period (including any demand delivered and billed under Price Schedules D32 and D33);

(b) 85% of the highest metered demand (including any demand delivered and billed under Price Schedules D32 and D33) in the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) the Distribution Contract Demand (DCD);

(e) 50 kilowatts.

The billing demand for the Transmission charges shall be the higher of:

(a) The highest metered demand during the billing period (excluding any demand delivered and billed under Price Schedules D32 and D33);

(b) 85% of the highest metered demand (excluding any demand delivered and billed under Price Schedules D32 and D33) in the 12 month period including and ending with the billing period;

(c) the estimated demand;

Price Schedule D31
Large General Service / Industrial
Distribution Connected

(d) the Transmission Contract Demand (TCD);

(e) if any of the above are equal to or greater than 1000 kW in the past 24 months, 80% of the highest metered demand (excluding any demand delivered and billed under Price Schedules D32 and D33) in the 24 month period including and ending with the current billing period;

(f) 50 kilowatts.

If energy is also taken under Transmission Opportunity Rate (Price Schedule D33), during the billing period, the billing demand will be the Price Schedule D31 **Base Demand** as specified under the corresponding agreement.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

Charge for Deficient Power Factor - For customer power factor which is less than 90%, an additional charge for deficient power factor of 29.85 ¢/kV.A/day will be applied to the difference between the highest metered kV.A demand and 111% of the highest metered kW demand in the same billing period.

Application

1. **Price Options** - the following price options may apply:
   Idle Service (Option F)
   Service for Non-Standard Transformation and Metering Configurations (Option H)
   REA Distribution Price Credit (Option P)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

ATCO Electric

Price Schedule T31
Large General Service / Industrial Transmission Connected

Availability

- For System Access Service, for all Points of Service throughout the territory served by the Company that are directly connected to a transmission substation, and do not make any use of distribution facilities owned by ATCO Electric.
- The Point of Service must be equipped with interval data metering.

Price

Charges for service in any one billing period shall be the sum of the Demand Charge, Energy Charge and charge for Deficient Power Factor, determined for each individual Point of Service.

	Demand Charge		**Energy Charge**
	For the first 500 kW of billing demand	For all billing demand over 500 kW	
Transmission	Current AESO DTS Rate Schedule less under frequency load shedding credit	Current AESO DTS Rate Schedule less under frequency load shedding credit	Charges per current AESO DTS Rate Schedule
Distribution	0.79 ¢/kW/day	-	-
Service	7.80 ¢/kW/day	-	-
TOTAL PRICE	8.59 ¢/kW/day **+ Current AESO DTS Rate Schedule less under frequency load shedding credit**	**Current AESO DTS Rate Schedule less under frequency load shedding credit**	

The billing demand for the Distribution and Service charges shall be the higher of:

(a) The highest metered demand during the billing period (including any contract opportunity demand delivered and billed under Price Schedule T33);

(b) 85% of the highest metered demand (including any contract opportunity demand delivered and billed under Price Schedule T33) in the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) 50 kilowatts.

The billing demand for the Transmission charge shall be the higher of:

(a) The billing demand charged to ATCO Electric by AESO at a Point of Delivery, that is attributable to the customer at that Point of Delivery;

(b) the highest metered demand during the billing period;

(c) the ratchet level as set out by the AESO at a Point of Delivery, <u>where (a) through (c) exclude any contracted Opportunity Demand delivered and billed under Price Schedule T33;</u>

(d) the estimated demand;

(e) the Transmission Contract Demand (TCD) for Customers served from diversified PODs, or 90% of the TCD for Customers served from dedicated PODs;

(f) 50 kilowatts.

Price Schedule T31
Large General Service / Industrial
Transmission Connected

The 'highest metered demand' is defined for the purposes of this price schedule, according to the current approved AESO DTS Rate Schedule.

If energy is also taken under Transmission Opportunity Rate (Price Schedule T33), during the billing period, the billing demand will be the Price Schedule T31 **Base Demand** as specified under the corresponding agreement.

Charge for Deficient Power Factor – Power Factor Charges according to the current approved AESO DTS Rate Schedule will apply.

Application

1. **Price Options** - the following price option may apply:
   Service for Non-Standard Transformation and Metering Configurations (Option H)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

ATCO Electric

Price Schedule D32
Generator Interconnection and Standby Power

Availability

- For Points of Service served by the Company with on-site generating equipment connected to the distribution system, which may be used to supply load at the same site.
- To provide standby power to the on-site load in the event of a forced outage or derate of on-site generating equipment, to provide power for generator startup, and to provide supplemental power if the on-site demand requirements exceed the generator capacity.
- To provide credits to Generators for reduced DTS charges from AESO.
- To charge Generators if the Point of Delivery attracts STS charges from AESO.
- For interconnection of the generator to the distribution system.
- The Point of Service must be equipped with 4-quadrant interval data metering, for both supply and demand, the cost of which will be in addition to the charges under this rate.

Price

Charges for service in any one billing period shall be the sum of the Customer Charges, Demand Charges, Energy Charges, Other Charges, Charge for Deficient Power Factor (determined for each individual Point of Service), and Fixed Charges defined below.

	Customer Charge	**Demand Charge**		**Energy Charge**
		For the first 500 kW of billing demand	For all billing demand over 500 kW	
Transmission	-	39.18 ¢/kW/day	47.49 ¢/kW/day	0.58 ¢/kW.h
Distribution	211.04 ¢/day	32.57 ¢/kW/day	22.83 ¢/kW/day	-
Service	170.08 ¢/day	-	0.59 ¢/kW/day	-
TOTAL PRICE	$3.8112 /day	71.75 ¢/kW/day	70.91 ¢/kW/day	0.58 ¢/kW.h

The billing demand for the Distribution and Service charges shall be the higher of:

(a) The highest metered demand during the billing period (including any demand delivered and billed under Price Schedule D33);

(b) 85% of the highest metered demand (including any demand delivered and billed under Price Schedule D33) in the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) the Distribution Contract Demand (DCD).

ATCO Electric

Price Schedule D32
Generator Interconnection and Standby Power

The billing demand for the Transmission charges shall be the higher of:

(a) The highest metered demand during the billing period (excluding any demand delivered and billed under Price Schedule D33);

(b) 85% of the highest metered demand (excluding any demand delivered and billed under Price Schedule D33) in the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) the Transmission Contract Demand (TCD);

(e) if any of the above are equal to or greater than 1000 kW in the past 24 months, 80% of the highest metered demand (excluding any demand delivered and billed under Price Schedules D33) in the 24-month period including and ending with the current billing period;

If energy is also taken under Transmission Opportunity Rate (Price Schedule D33), during the billing period, the billing demand will be the Price Schedule D32 **Base Demand** as specified under the corresponding agreement.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

Charge for Deficient Power Factor - For customer power factor which is less than 90%, an additional charge for deficient power factor of 29.85 ¢/kV.A/day will be applied to the difference between the highest metered kV.A demand and 111% of the highest billing kW demand in the same billing period, where billing demand is as defined in this price schedule.

If the Company incurs an increase to the Point-of-Delivery (POD) billing demand with AESO as a result of a standby event of the customer (i.e. the new demand at the POD is coincident with an outage of the generator), then an additional charge may apply, equal to the Transmission Demand Charge for Price Schedule T31, multiplied by the incremental POD demand incurred. This charge will apply for the current billing period, and for the next 11 billing periods.

Capital Recovery Charges:

The cost of the Incremental Interconnection Facilities will be determined as set out in Section 9.7 of the Customer Terms and Conditions for Electric Distribution Service. The total amount will be collected from the customer in accordance with Section 9.9 of the Customer Terms and Conditions for Electric Distribution Service. A contract will be arranged between the customer and the Company, specifying the contract term and the monthly amount, which will be calculated using the Company's Rate of Return, Income Tax and Depreciation in effect at the commencement of the contract term.

The Generating customer will be required to pay all replacement costs for incremental facilities as per Section 9.7 of the Customer Terms and Conditions for Electric Distribution Service.

Incremental Operations and Maintenance Charges:

The minimum monthly incremental Operations and Maintenance charge will be:

(0.00649% X Incremental Interconnection Cost) per day

The Generating customer will be required to pay for switching or isolation as per Section 9.10 of the Terms and Conditions.

ATCO Electric

Price Schedule D32
Generator Interconnection and Standby Power

Incremental Administration and General Charges:

The minimum monthly incremental Administration and General charge will be:

(0.00428% X Incremental Interconnection Cost) per day

Generator Credits for reduction in Billing Determinants at the Point of Delivery:

Credit = DTS * (A – B) * Multiplier **Where:**

A = Monthly Gross Billing Determinants at the POD to which the generator is connected (which will be determined by adding the interval output data metered at the generator to the net interval data metered at the POD).

B = Monthly Net Billing determinants at the POD to which the generator is connected.

DTS = The charges as per AESO's effective DTS tariff.

Multiplier is determined by the Effective Date:

Effective Date	Multiplier
Jan 1, 2022	0.8
Jan 1, 2023	0.6
Jan 1, 2024	0.4
Jan 1, 2025	0.2
Jan 1, 2026	0

The Company will calculate the generator credits on a calendar quarterly basis after all power production information has been provided to the Company in accordance with Section 9 of the Customer Terms and Conditions for Electric Distribution Service.

Generator Charges for a Point of Delivery:

Charge = STS * A **Where:**

A = Monthly **Net** Supply Billing determinants at the POS to which the generator is connected.

STS = The charges as per AESO's effective STS tariff.

Application

1. **Price Options** - the following price options may apply:
   Idle Service (Option F)
   Service for Non-Standard Transformation and Metering Configurations (Option H)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Appendix G

ATCO Electric

Price Schedule D33
Transmission Opportunity Rate
Distribution Connected

Availability

- Available only to Points of Service which are eligible as determined by AESO for Demand Opportunity Service, throughout the territory served by the Company for loads greater than 1,000 kW.
- Available only when AESO determines that there is sufficient transmission capacity. Service on this rate is interruptible for transmission system security reasons at AESO's request.
- The Point of Service must be equipped with revenue approved time of use metering. The cost of the time of use metering is in addition to the charges in this rate.
- Telemetering is required for all points of service on this rate with demands greater than 2,500 kW, and any associated costs will be in addition to the charges in this rate.

Price

Charges for service in any one billing period shall be the sum of the following charges determined for each individual Point of Service. The AESO DOS charges will be applied according to the terms of the DOS option selected by the Customer:

	Customer Charges	**Demand Charges**	**Demand Charges**	**Energy Charges**	**Energy Charges**
		For all kW of Opportunity Contract Demand	For the peak kW above the Opportunity Contract Demand	For all kW.h metered above the Base Demand, not exceeding the Opportunity Contract Demand	For all kW.h metered above the Opportunity Contract Demand
Transmission	Transaction Charge per AESO DOS Rate Schedule	39.18 ¢/kW/day	47.49 ¢/kW/day	Per AESO DOS Rate Schedule	0.58 ¢/kW.h
Distribution	211.04 ¢/day	32.57 ¢/kW/day	22.83 ¢/kW/day	-	-
Service	170.08 ¢/day	-	0.59 ¢/kW/day	-	-
TOTAL PRICE	$3.8112 /day **+ AESO DOS Rate**	71.75 ¢/kW/day	70.91 ¢/kW/day	**Per AESO DOS Rate Schedule**	0.58 ¢/kW.h

The attached form must be completed and submitted to the Company, and serves as an Opportunity Contract which specifies the period and the Opportunity Demand requested by the Customer, as well as the DOS option selected.

The charges according to the AESO DOS Rate Schedule will be the approved charges in effect during the billing period, and will be revised in accordance with AESO's charges as required.

ATCO Electric

Price Schedule D33
Transmission Opportunity Rate
Distribution Connected

Application

1. **Base Demand** - A Customer qualifying for this rate must establish a Base Demand with the Company on Price Schedule D31 prior to receiving service under this rate (which will be submitted as part of the attached form).

   (a) For existing Customers, the Price Schedule D31 Base Demand will normally be the maximum billing demand in the 12 most recent billing periods.

   (b) New Customers qualifying for this rate may select the Large General Service/Industrial D31 Base Demand based on forecast loads and economics, provided the Company agrees that the conditions of applicability are satisfied.

   (c) Once established, the Price Schedule D31 Base Demand remains fixed for the purposes of billing all future service on this rate.

2. **Applicable Charges** – This rate schedule applies in conjunction with rate D31, in that the first block demand charges apply only to the first 500 kW of the combined demand (i.e. D31 and D33, and D32 should there be an excursion above contracted opportunity demand), and the remainder of the combined demand is subject to the second and third block demand charges. The Service Customer Charge does not apply again as it has already been applied to the base load on Price Schedule D31*.*

3. **Options** - A Customer requesting service under this rate must select the provisions of one of AESO's DOS Rate Schedules. The Customer is subject to AESO's minimum Opportunity Service charges, attributable to that customer.

4. **Notice Period** - A Customer requesting service under this rate is required to provide notification as prescribed in the AESO tariff in relation to DOS service.

5. **Load Curtailment** - When a load curtailment directive is given, the load at the point of service must not exceed the Price Schedule D31 Base Demand until the Company gives notification that the interruption period is over, at which time consumption of energy may be resumed.

6. **Non-Compliance Charges** – In the event of a load curtailment directive, if the load served under this rate is not curtailed for the entire interruption period, any charges incurred by the Company will be charged to the Point of Service on this rate.

7. **Price Options** – the following price options may apply:
   Service for Non-Standard Transformation and Metering Configurations (Option H)

8. **Price Adjustments** - the following price adjustments may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Appendix G

Price Schedule D33
Transmission Opportunity Rate
Distribution Connected

This form will be completed and signed by ATCO Electric after a telephone request from a Customer for Transmission Opportunity Service. The form will be faxed to the Customer upon which the Customer will confirm the information with a signature and fax the completed form back to ATCO Electric Control Centre – (780) 632-5959.

Customer Name: ____________

Date of Request: ____________
Time of Request: ____________

1. OPPORTUNITY CONTRACT PERIOD:

Start Date:		**Start Time:**		
End Date:		**End Time:**		
		Number of Hours in Contract Period:		**Hours**

2. TRANSMISSION OPPORTUNITY SERVICE OPTION:

AESO "DEMAND OPPORTUNITY SERVICE":

DOS 7 Minutes:	
DOS 1 Hour:	
DOS Term:	

3. OPPORTUNITY CONTRACT DEMAND: ____________ **kW**

4. BASE DEMAND:

Large General Service/Industrial Price Schedule D31 Base Demand:		kW
Sum of Demands on all Opportunity Service Contracts:		kW
Total Base Demand:		kW

Confirmation: 1) ______________________ for ATCO Electric
2) ______________________ for ______________

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

ATCO Electric

Price Schedule T33
Transmission Opportunity Rate
Transmission Connected

Availability

- For System Access Service, single or three-phase, for all Points of Service throughout the territory served by the Company that are directly connected to a transmission substation, and do not make any use of distribution facilities owned by ATCO Electric.
- Available only to Points of Service which are eligible as determined by AESO for Demand Opportunity Service, throughout the territory served by the Company from the Alberta Interconnected System for loads greater than 1,000 kW.
- Available only when AESO determines that there is sufficient transmission capacity. Service on this rate is interruptible for transmission system security reasons at AESO's request.
- The point of service must be equipped with revenue approved time of use metering. The cost of the time of use metering is in addition to the charges in this rate.
- Telemetering is required for all points of service on this rate with demands greater than 2,500 kW, and any associated costs will be in addition to the charges in this rate.

Price

Charges for service in any one billing period shall be the sum of the following charges determined for each individual Point of Service. The current approved AESO DOS charges will be those according to the terms of the DOS option selected by the Customer:

	Transaction Charge	Demand Charges	Demand Charges	Energy Charges	Energy Charges
		For all kW of Opportunity Contract Demand	For the peak kW above the Opportunity Contract Demand	For all kW.h metered above the Base Demand, not exceeding the Opportunity Contract Demand	For all kW.h metered above the Opportunity Contract Demand
Transmission	Per AESO DOS Rate Schedule	-	Per Price Schedule T31	Per AESO DOS Rate Schedule	Per Price Schedule T31
Distribution	-	Per Price Schedule T31	Per Price Schedule T31	-	-
Service	-	Per Price Schedule T31	Per Price Schedule T31	-	-
TOTAL PRICE	**Per AESO DOS Rate Schedule**	**Per Price Schedule T31**	**Per Price Schedule T31**	**Per AESO DOS Rate Schedule**	**Per Price Schedule T31**

The attached form must be completed and submitted to the Company, and serves as an Opportunity Contract which specifies the period and the Opportunity Demand requested by the Customer, as well as the DOS option selected.

The charges according to the AESO DOS Rate Schedule will be the approved charges in effect during the billing period, and will be revised in accordance with AESO's charges as required.

Appendix G

ATCO Electric

Price Schedule T33
Transmission Opportunity Rate
Transmission Connected

Application

1. **Base Demand** - A Customer qualifying for this rate must establish a Base Demand with the Company on Price Schedule T31 prior to receiving service under this rate.
   - (a) For existing Customers, the Price Schedule T31 Base Demand will normally be the maximum billing demand in the 12 most recent billing periods.
   - (b) New Customers qualifying for this rate may select the Large General Service/Industrial T31 Base Demand based on forecast loads and economics, provided the Company agrees that the conditions of applicability are satisfied.
   - (c) Once established, the Price Schedule T31 Base Demand remains fixed for the purposes of billing all future service on this rate.
2. **Applicable Charges** - This rate schedule applies in conjunction with rate T31, in that the first block demand charges apply only to the first 500 kW of the combined demand (i.e. T31 and T33, and T31 again should there be an excursion above contracted opportunity demand), and the remainder of the combined demand is subject to the second block demand charges.
3. **Options** - A Customer requesting service under this rate must select the provisions of one of AESO's DOS Rate Schedules. The Customer is subject to AESO's minimum Opportunity Service charges, attributable to that customer.
4. **Notice Period** - A Customer requesting service under this rate is required to provide notification as prescribed in the AESO tariff in relation to DOS service.
5. **Load Curtailment** - When a load curtailment directive is given, the load at the point of service must not exceed the Price Schedule T31 Base Demand until the Company gives notification that the interruption period is over, at which time consumption of energy may be resumed.
6. **Non-Compliance Charges** – In the event of a load curtailment directive, if the load served under this rate is not curtailed for the entire interruption period, any charges incurred by the Company will be charged to the Point of Service on this rate.
7. **Price Options** – the following price option may apply:
   Service for Non-Standard Transformation and Metering Configurations Option H(d).
8. **Price Adjustments** - the following price adjustments may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Appendix G

ATCO Electric

Price Schedule T33
Transmission Opportunity Rate
Transmission Connected

This form will be completed and signed by ATCO Electric after a telephone request from a Customer for Transmission Opportunity Service. The form will be faxed to the Customer upon which the Customer will confirm the information with a signature and fax the completed form back to ATCO Electric Control Centre – (780) 632-5959.

Customer Name: ______

Date of Request: ______
Time of Request: ______

1. OPPORTUNITY CONTRACT PERIOD

Start Date:		**Start Time:**	
End Date:		**End Time:**	
		Number of Hours in Contract Period:	**Hours**

2. TRANSMISSION OPPORTUNITY SERVICE OPTION:

AESO "DEMAND OPPORTUNITY SERVICE":

DOS 7 Minutes:	
DOS 1 Hour:	
DOS Term:	

3. OPPORTUNITY CONTRACT DEMAND: ______ **kW**

4. BASE DEMAND:

Large General Service/Industrial Price Schedule T31 Base Demand:		kW
Sum of Demands on all Opportunity Service Contracts:		kW
Total Base Demand:		kW

Confirmation: 1) ______ for ATCO Electric
2) ______ for ______

ATCO Electric

Price Schedule D34
Large General Service/Industrial
Isolated Industrial Areas

Availability

For Electric Distribution Service, single or three-phase, for all Points of Service throughout the territory served by the Company from an isolated industrial area. This rate is not applicable for any new Small Oilfield and Pumping Power service with yearly average operating demands of less than 75 kW, effective January 1, 2008.

Price

Charges for service in any one billing period shall be the sum of the Customer Charge, Demand Charge, and Charge for Deficient Power Factor, determined for each individual Point of Service.

	Customer Charge	Demand Charge		Energy Charge
		For the first 500 kW of billing demand	For all billing demand over 500 kW	
Distribution	211.04 ¢/day	32.57 ¢/kW/day	22.83 ¢/kW/day	-
Service	170.08 ¢/day	-	0.59 ¢/kW/day	-
TOTAL PRICE	$3.8112 /day	32.57 ¢/kW/day	23.42 ¢/kW/day	**-**

The billing demand for the Distribution and Service charges shall be the higher of:

(a) The highest metered demand during the billing period;

(b) 85% of the highest metered demand during the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) the Distribution Contract Demand (DCD);

(e) 50 kilowatts.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

Charge for Deficient Power Factor - For customer power factor which is less than 90%, an additional charge for deficient power factor of 29.85 ¢/kV.A/day will be applied to the difference between the highest metered kV.A demand and 111% of the highest metered kW demand in the same billing period.

Application

1. **Price Options** - the following price options may apply:
   Idle Service (Option F)
   Service for Non-Standard Transformation and Metering Configurations (Option H)
   REA Distribution Price Credit (Option P)

2. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Appendix G

ATCO Electric

Price Schedule D41
Small Oilfield and Pumping Power

Availability

For System Access Service and Electric Distribution Service, single or three-phase, for all Points of Service throughout the territory served by the Company. This rate is available only to new Points of Service for production energy requirements in the petroleum and natural gas industries including related operations, such as rectifiers, cathodic protection and radio transmitters with yearly average operating demand less than 75 kilowatts, effective January 1, 2008.

Price

Charges for service in any one billing period shall be the sum of the Customer Charges, Demand Charges, Energy Charges and charge for Deficient Power Factor, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	36.80 ¢/kW/day	0.59 ¢/kW.h
Distribution	156.39 ¢/day	64.66 ¢/kW/day	-
Service	49.53 ¢/day	-	-
TOTAL PRICE	$2.0592 /day	1.01 ¢/kW/day	0.59 ¢/kW.h

The billing demand for the Transmission, Distribution and Service charges shall be the higher of:

(a) the highest metered demand during the billing period;

(b) 85% of the highest metered demand during the 12-month period including and ending with the billing period;

(c) the estimated demand;

(d) if applicable, the Transmission Contract Demand (TCD) applied to Transmission charges, and/or the Distribution Contract Demand (DCD) applied to Distribution and Service charges;

(e) 4 kilowatts.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

The 85% ratchet applies only to demand metered loads. The cost of converting an energy meter to a demand meter will be in addition to the charges on this rate.

Estimated Demands - Where it is impractical to meter a point of service, the Company may bill on the basis of estimated maximum demands. In such case, the monthly bill shall be the demand charge above applied to the estimated demand, plus a flat rate of $1.47 per kW in lieu of the charge for energy.

The **Metered demand** will be the greater of the registered demand in kW, or 90% of the registered demand in kV.A where a kW reading is not available.

Charge for Deficient Power Factor - where a Customer's power factor is found to be less than 90%, the Company may require such Customers to install corrective equipment. For Customer power factor which is less than 90%, an additional charge for deficient power factor of 65.14 ¢/kV.A/day will be applied to the difference between the highest metered kV.A demand and 111% of the highest metered kW demand in the same billing period.

ATCO Electric

Price Schedule D41
Small Oilfield and Pumping Power

Application

1. **Demand Metered** - where services are demand metered, the meter will normally be read and reset at least once every two months.

2. **Price Options** - the following price option may apply:
   Idle Service (Option F)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Price Schedule D44
Small Oilfield and Pumping Power
Isolated Industrial Areas

Availability

For Electric Distribution Service, single or three-phase, for all Points of Service throughout the territory served by the Company from an isolated industrial area. This rate is available only to new Points of Service for production energy requirements in the petroleum and natural gas industries including related operations, such as rectifiers, cathodic protection and radio transmitters with yearly average operating demand less than 75 kilowatts, effective January 1, 2008.

Price

Charges for service in any one billing period shall be the sum of the Customer Charges, Demand Charges, and charge for Deficient Power Factor, determined for each individual Point of Service:

	Customer Charge	Demand Charge
Distribution	156.39 ¢/day	64.66 ¢/kW/day
Service	49.53 ¢/day	-
TOTAL PRICE	$2.0592 /day	64.66 ¢/kW/day

The billing demand for the Distribution and Service charges shall be the higher of:

(a) The highest metered demand during the billing period;

(b) 85% of the highest metered demand during the 12 month period including and ending with the billing period;

(c) the estimated demand;

(d) the Distribution Contract Demand (DCD);

(e) 4 kilowatts.

For non-demand metered services, demand shall be estimated based on equipment nameplate ratings as **kW Billing Demand = kW Nameplate Rating**, or **kW Billing Demand = HP Nameplate x 0.746**.

The 85% ratchet applies only to demand metered loads. The cost of converting an energy meter to a demand meter will be in addition to the charges on this rate.

Estimated Demands - Where it is impractical to meter a point of service, the Company may bill on the basis of estimated maximum demands. In such case, the monthly bill shall be the demand charge above applied to the estimated demand.

The **Metered demand** will be the greater of the registered demand in kW, or 90% of the registered demand in kV.A where a kW reading is not available.

Charge for Deficient Power Factor - where a Customer's power factor is found to be less than 90%, the Company may require such Customers to install corrective equipment. For Customer power factor which is less than 90%, an additional charge for deficient power factor of 65.14 ¢/kV.A/day will be applied to the difference between the highest metered kV.A demand and 111% of the highest metered kW demand in the same billing period.

Appendix G

Price Schedule D44
Small Oilfield and Pumping Power
Isolated Industrial Areas

Application

1. **Demand Metered** - where services are demand metered, the meter will normally be read and reset at least once every two months.
2. **Price Options** - the following price options may apply:
   Idle Service (Option F)
3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Appendix G

Price Schedule D51
REA Farm Service

Availability

For System Access Service and Electric Distribution Service, for all Points of Service throughout the territory served by the Company, for farming operations which are connected to a Rural Electrification Association's distribution system.

Price

- Charges for service in any one billing period are the sum of the Customer, Demand and Energy charges as indicated below, determined for each individual Point of Service.
- Please refer to individual REA Tariffs to determine applicable REA charges.

REA Farms in O & M Pool

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	17.57 ¢/kV.A/day	0.59 ¢/kW.h
Distribution	3.04 ¢/day	6.35 ¢/kV.A/day	-
Service	35.38 ¢/day	-	-
REA Specific Charges	See REA Tariff	-	-
Total Price	C1 ¢ / service/ day	23.92 ¢/kV.A/day	0.59 ¢/kW.h

REA Farms Outside of O & M Pool

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	17.57 ¢/kV.A/day	0.59 ¢/kW.h
Distribution	See REA Tariff	See REA Tariff	-
Service	See REA Tariff	-	-
REA Specific Charges	See REA Tariff	-	-
Total Price	**C_1 ¢ / service /day**	**D_1 ¢/kV.A/day**	0.59 ¢/kW.h

kV.A capacity for billing purposes will be determined as follows:

(a) For breakered services of 25 kV.A or less, the kV.A capacity will be set by the breaker size as shown below:

Breaker Amperes	30	35	50	80	100	200
Billing Capacity in kV.A	3	5	7.5	10	15	25

Price Schedule D51
REA Farm Service

(b) For non-breakered REA farm services of 25 kV.A or greater, the kV.A capacity for billing purposes is the greater of:

i. the highest metered kV.A demand during the billing period;

ii. the estimated demand;

iii. 25 kV.A.

REA Specific Charges

Other charges are applied on behalf of the REAs as defined in contracts and are subject to change from time to time.

These charges include operation and maintenance charges and deposit reserve charges, and are in addition to the charges contained in this price schedule.

Application

1. **Demand Metering** - when the Company determines, by estimation or measurement, that a 25 kV.A breakered service may be overloaded, the company may require replacement of the breaker with a demand meter and modification of the service facilities in accordance with the Terms and Conditions.

2. **Price Option** - the following price option may apply:
Idle Service (Option F)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
Municipal Assessment (Rider A)
Balancing Pool Adjustment (Rider B)
Temporary Adjustment (Rider G)
Interim Adjustment (Rider J)
SAS Adjustment (Rider S)

ATCO Electric

Price Schedule D52
REA Farm Service
Excluding Wire Services Provider Functions

Availability

- Applicable to any Rural Electrification Association, for whom the Company is not acting as the wire services provider, as set out in the EUA.
- For all Points of Service throughout the territory served by the Company, for farming operations which are connected to the Rural Electrification Association's distribution system.

Price

Charges for service in any one billing period are the sum of the Customer, Demand and Energy charges as indicated below, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	17.57 ¢/kV.A/day	0.59 ¢/kW.h
Distribution	-	-	-
Service	24.49 ¢/day	-	-
TOTAL PRICE	24.49 ¢/day	17.57 ¢/kV.A/day	0.59 ¢/kW.h

kV.A capacity for billing purposes will be determined as follows:

(a) For breakered services of 25 kV.A or less, the kV.A capacity will be set by the breaker size as shown below:

Breaker Amperes	30	35	50	80	100	200
Billing Capacity in kV.A	3	5	7.5	10	15	25

(b) For non-breakered REA farm services of 25 kV.A or greater, the kV.A capacity for billing purposes is the greater of:

i. the highest metered kV.A demand during the billing period;
ii. the estimated demand;
iii. 25 kV.A.

Application

1. **Demand Metering** - when the Company determines, by estimation or measurement, that a 25 kV.A breakered service may be overloaded, the company may require replacement of the breaker with a demand meter and modification of the service facilities in accordance with the Terms and Conditions.

2. **Price Option** - the following price option may apply:
Idle Service (Option F)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
Municipal Assessment (Rider A)
Balancing Pool Adjustment (Rider B)
Temporary Adjustment (Rider G)
Interim Adjustment (Rider J)
SAS Adjustment (Rider S)

ATCO Electric

Price Schedule D56
Farm Service

Availability

For System Access Service and Electric Distribution Service, for all Points of Service throughout the territory served by the Company, for farming operations which are connected to the Company's distribution system.

Price

Charges for service in any one billing period are the sum of the Customer, Demand, and Energy Charges as indicated below, determined for each individual Point of Service.

	Customer Charge	Demand Charge	Energy Charge
Transmission	-	18.75 ¢/kV.A/day	0.59 ¢/kW.h
Distribution	62.26 ¢/day	17.40 ¢/kV.A/day	0.48 ¢/kW.h
Service	24.43 ¢/day	-	-
TOTAL PRICE	86.69 ¢/day	36.15 ¢/kV.A/day	1.07 ¢/kW.h

kV.A capacity for billing purposes will be determined as follows:

(a) For breakered services of 25 kV.A or less, the kV.A capacity will be set by the breaker size as shown below:

Breaker Amperes	30	35	50	80	100	200
Billing Capacity in kV.A	3	5	7.5	10	15	25

(b) For non-breakered farm services of 25 kV.A or greater, the kV.A capacity for billing purposes is the greater of:

i. the highest metered kV.A demand during the billing period;
ii. the estimated demand;
iii. the contract demand;
iv. 25 kV.A.

Application

1. **Demand Metering** - when the Company determines, by estimation or measurement, that a 25 kV.A breakered service may be overloaded, the company may require replacement of the breaker with a demand meter and modification of the service facilities in accordance with the Terms and Conditions for Distribution Service Connections.

2. **Price Options** - the following price option may apply:
   Idle Service (Option F)

3. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Price Schedule D61
Street Lighting Service

Availability

- For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, for street lighting.
- Not available for private lighting.

Price

Charges for service in any one billing period are the sum of the Customer Charge and Demand Charge, determined for each individual Point of Service.

Decorative Lighting (61 A)

- For decorative lighting fixtures installed, owned and maintained by the Company.
- The customer is responsible for the full cost of installation.
- Includes maintenance only.
- Specific contracts may require customers to purchase and maintain inventory of decorative lamps if the customer's lighting fixtures are not the same as the standard used by the company.

	Decorative Lamps	
	Customer Charge	**Demand Charge**
Transmission	-	0.038 ¢/W/day
Distribution	49.99 ¢/fixture/day	0.072 ¢/W/day
Service	7.57 ¢/fixture/day	-
TOTAL PRICE	57.56 ¢/fixture/day	0.110 ¢/W/day

Price Schedule D61
Street Lighting Service

Investment Option (61 B)

- For lighting fixtures installed, owned, and maintained by the Company.
- A *Maintenance Multiplier* may be applied to the fixture charge for customers that request levels of maintenance above the normal service level, or for customers that request lighting fixtures which incur higher than average lighting costs.

	All Lamps	
	Customer Charge	**Demand Charge**
Transmission	-	0.038 ¢/W/day
Distribution	98.92 ¢/fixture/day	0.072 ¢/W/day
Service	7.57 ¢/fixture/day	-
TOTAL PRICE	106.49 ¢/fixture/day [x Multiplier, if other than 1.00]	0.110 ¢/W/day

Distribution Investment Option (61 C) (Closed)

- For customer owned and installed fixtures.
- For installation and maintenance of distribution facilities up to, but not including the customer owned conductor serving the fixtures.
- The Company may require that the Point of Service be metered and served on Price Schedule D21, if the load requirements change over time, or if loads that are not lighting loads are served from the same Point of Service.

	All Fixtures	
	Customer Charge	**Demand Charge**
Transmission	-	0.038 ¢/W/day
Distribution	74.45 ¢/fixture/day	0.072 ¢/W/day
Service	7.57 ¢/fixture/day	-
TOTAL PRICE	82.02 ¢/fixture/day	0.110 ¢/W/day

Price Schedule D61
Street Lighting Service

No Investment Option (61 E)

- Available for new installations only.
- For lighting fixtures installed, owned and maintained by the Company.
- The customer is responsible for the full cost of installation.
- The customer is responsible for the full cost of replacement.
- Includes maintenance only.

	All Lamps	
	Customer Charge	**Demand Charge**
Transmission	-	0.038 ¢/W/day
Distribution	49.99 ¢/fixture/day	0.072 ¢/W/day
Service	7.57 ¢/fixture/day	-
TOTAL PRICE	57.56 ¢/fixture/day	0.110 ¢/W/day

Application

1. **Price Option** - the following price option may apply:
   Idle Service (Option F)
2. **Price Adjustments** – the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

Price Schedule D63
Private Lighting Service

Availability

For System Access Service and Electric Distribution Service for all Points of Service throughout the territory served by the Company, for sentinel lighting.

Price

Charges for service in any one billing period are the sum of the Customer Charge and Demand Charge determined for each individual Point of Service.

Investment Option (63 A)

For standard sentinel lighting fixtures installed, owned, and maintained by the Company

	Customer Charge	Demand Charge
Transmission	-	0.038 ¢/W/day
Distribution	21.16 ¢/fixture/day	0.035 ¢/W/day
Service	17.37 ¢/fixture/day	-
TOTAL PRICE	38.53 ¢/fixture/day	0.073 ¢/W/day

Summer Village Option (63 B)

- For standard sentinel lighting fixtures installed, owned and maintained by the Company
- For seasonal use only (six-month minimum period) by Municipal Corporations in summer villages.
- This portion of the rate is closed.

	Customer Charge	Demand Charge
Transmission	-	0.038 ¢/W/day
Distribution	34.12 ¢/fixture/day	0.035 ¢/W/day
Service	17.37 ¢/fixture/day	-
TOTAL PRICE	51.49 ¢/fixture/day	0.073 ¢/W/day

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

ATCO Electric

Price Schedule D63
Private Lighting Service

No Investment Option (63 C)

- Available for new installations only.
- For standard lighting fixtures installed, owned, and maintained by the Company.
- The customer is responsible for the full cost of installation.
- The customer is responsible for the full cost of replacement.
- Includes maintenance only.

	Customer Charge	Demand Charge
Transmission	-	0.038 ¢/W/day
Distribution	11.23 ¢/fixture/day	0.010 ¢/W/day
Service	17.37 ¢/fixture/day	-
TOTAL PRICE	28.60 ¢/fixture/day	0.048 ¢/W/day

Metering Option (63 D) (Closed)

- For standard lighting fixtures installed, owned, and maintained by the Company.
- For service through the meter at the Point of Service.
- This portion of the rate is closed.

	Customer Charge	Demand Charge
Transmission	-	0.038 ¢/W/day
Distribution	22.46 ¢/fixture/day	0.035 ¢/W/day
Service	17.37 ¢/fixture/day	-
TOTAL PRICE	39.83 ¢/fixture/day	0.073 ¢/W/day

Price Schedule D63
Private Lighting Service

Distribution Investment Option (63 E) (Closed)

- For customer owned and installed lighting.
- For installation and maintenance of distribution facilities up to, but not including the customer owned conductor serving the light fixtures.
- The Company may require that the Point of Service be metered and served on Price Schedule D21, if the load requirements change over time, or if loads that are not lighting loads are served from the same Point of Service.

	Customer Charge	Demand Charge
Transmission	-	0.038 ¢/W/day
Distribution	22.46 ¢/fixture/day	0.035 ¢/W/day
Service	17.37 ¢/fixture/day	-
TOTAL PRICE	39.83 ¢/fixture/day	0.073 ¢/W/day

Application

1. **Price Adjustments** - the following price adjustments (riders) may apply:
   Municipal Assessment (Rider A)
   Balancing Pool Adjustment (Rider B)
   Temporary Adjustment (Rider G)
   Interim Adjustment (Rider J)
   SAS Adjustment (Rider S)

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Appendix G

Option F Idle Service

Availability

The Idle Service charge will apply to all Price Schedules listed below for Points of Service served by the Company throughout the territory when the Point of Service is temporarily disconnected with the intention of restoring service at a future date.

Price Adjustment

The Idle Service charges shall be:

Price Schedule	Applicability	Idle Service Charge
D11 D13	Service outside cities, towns, villages, summer villages, hamlets, First Nations reserves and Metis settlements	The price schedule monthly Distribution Customer Charge.
D21 D22 D23	Service outside cities, towns, villages, summer villages, hamlets, First Nations reserves and Metis settlements	The sum of the Distribution Customer Charge and the Distribution and Transmission Demand Charges as defined in the applicable rate schedules.
D34 D44	All Points of Service	The sum of the Distribution Customer Charge and the Distribution Demand Charge as defined in the applicable rate schedules.
D25 D26	All Points of Service between April 1st and October 31st	The sum of the Distribution Customer Charge and the Distribution and Transmission Demand Charges as defined in the applicable rate schedules.
D31 D32 D41	All Points of Service	The sum of the Distribution Customer Charge and the Distribution and Transmission Demand Charges as defined in the applicable rate schedules.
D33	All Points of Service	Charges based on base demand level established under Price Schedule D31.
T31	All Points of Service	Un-recoverable charges may apply per the Terms and Conditions Clause 14.1.1 (b)
T33	Does not apply (no charges apply when Point of Service is placed on idle).	Does not apply (no charges apply when Point of Service is placed on idle).
D51 D52	All Points of Service	The sum of the Distribution Customer charge and the Distribution and Transmission Demand Charges applicable to a 3 kVA service.
D56	Breakered Service	The sum of the Distribution Customer charge and the Distribution and Transmission Demand Charges applicable to a 3 kVA service or the contracted demand, whichever is greater.
D56	Non-Breakered Service	The sum of the Distribution Customer charge and the Distribution and Transmission Demand Charges applicable to a 25kVA service or the contracted demand, whichever is greater.
D61	All Points of Service	The sum of the Distribution Customer Charge and the Distribution and Transmission Demand Charges.
D63	Does not apply (no charges apply when Point of Service is placed on idle).	Does not apply (no charges apply when Point of Service is placed on idle).

Appendix G

Option F Idle Service

Application

1. If the Customer's Point of Service is reconnected within 12 months of disconnection, the minimum monthly charge for each month of disconnection will be applied to the Point of Service.
2. For further information on idle services, refer to Terms and Conditions 14.1 – Disconnection and Idle Service.

The Retailer will be responsible for any costs that the Company incurs from AESO as a result of a point of service going idle. If the point of service is not enrolled with a Retailer, the costs incurred from AESO will be charged directly to the Customer.

Appendix G

Option H
Service for Non-Standard Transformation and Metering Configurations

Availability

- For Points of Service throughout the territory served by the Company under Price Schedule D21, D24, D31, D32, D33, D34, T31 and T33 where metering and / or delivery voltage are non-standard.
- Standard service for distribution connected customers is delivered and metered at the utilization voltage. When delivery or metering is necessary at other voltages, for the convenience of either the customer or the Company, bills for service will be adjusted as outlined below in (a)
- Standard service for transmission connected customers is delivered to the customer and metered at the substation voltage. When delivery is required at lower voltages, bills for service will be adjusted as outlined below in (d).

Price Adjustment

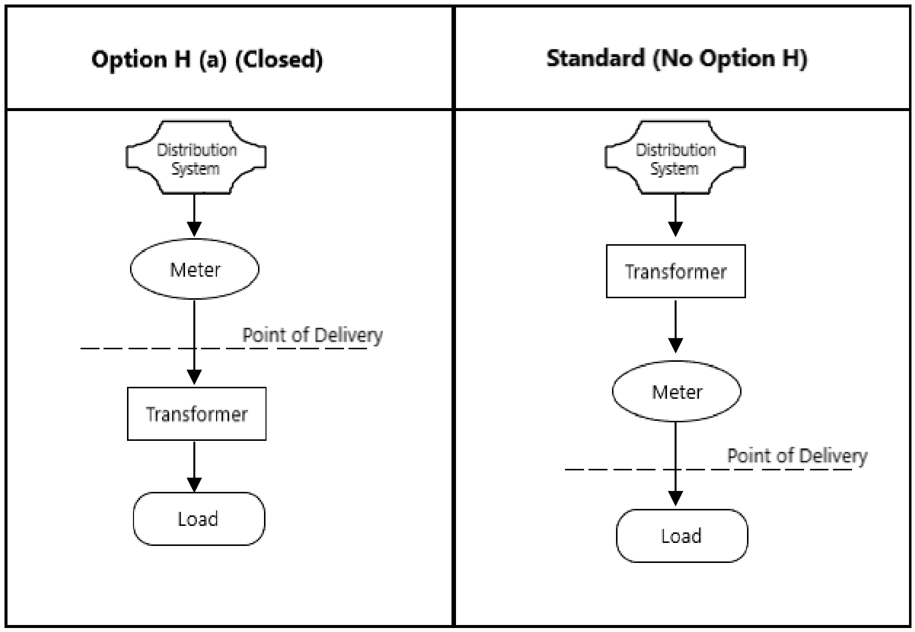
(a) **(Closed)** If the point of delivery and metering is on the primary side (25 kV) of a transformer (including cases where one-point service is required by the customer for more than a single utilization voltage or point of use), and the customer owns or rents the necessary transformer(s), a **discount of -5.90 ¢/kW/day** of billing demand will be applied. This adjustment does not apply to customers connected directly to the transmission system who are exempt from the Distribution Charge on the applicable rate.

(d) **(Closed)** Customers who are connected directly to the transmission system, but take service from the low side of a transformer (with primary side 25kV), and do not own or rent necessary transformer(s), are exempt from the Distribution Charge on the application rate, a **surcharge of 5.90 ¢/kW/day** billing demand will apply.

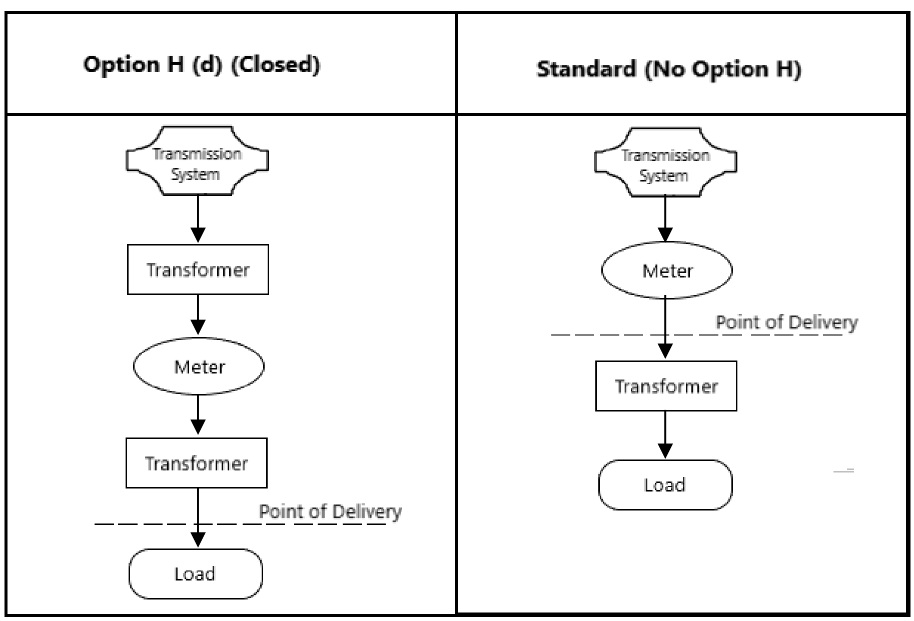
Appendix G

Option H
Service for Non-Standard Transformation and Metering Configurations

Schematic of Metering and Transformation Configurations for Option H Definitions (Distribution Connected Customers)



Schematic of Metering and Transformation Configuration for Option H Definitions (Transmission Connected Customers)



The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Appendix G

ATCO Electric

Option P REA Distribution Price Credit

Availability

For all Pooled O&M REA Farm Points of Service throughout the territory served by the Company, served under Price Schedule D21 or Price Schedule D31.

Price Adjustment

Standard Small General Service Price Schedule D21
For REA farm Points of Service electing to take service under Small General Service Price Schedule D21, a credit adjustment of 42% will be applied to the base bill.

Large General Service / Industrial Price Schedule D31
For REA farm Points of Service electing to take service under Large General Service / Industrial Price Schedule D31, a credit adjustment of 28% will be applied to the base bill.

ATCO Electric

RIDER A:

MUNICIPAL TAX AND FRANCHISE FEE ASSESSMENT

(1) Overview

Rider A is applicable to Customers residing in municipalities which receive: (i) a property tax under the Municipal Government Act, or (ii) receive payment for specific costs which are not generally incurred by the Company.

The following may be exempt from the surcharge:

(a) Farm customers (Price Schedules D51, D52 and D56)
(b) Irrigation customers (Price Schedule D25 and D26)
(c) Customers within First Nation Reservations not listed

This Rider comprises two components which are summed: (i) a tax component and (ii) a fee component.

The **tax component** of Rider A is the estimated percentage of base revenue required to provide for the tax payable or specific cost incurred each year. To the extent that this percentage may be more or less than that required to pay the tax or specific cost, this component of the Rider will be adjusted on an annual basis or as needed to manage shortfalls or surpluses.

The **franchise fee component** of this Rider is a flat percentage payable to the franchised municipality. This percentage is set in accordance with the franchise agreement between the Municipal Authority and the Company.

The **total percentage** is the addition of the tax component and fee component and is shown by Municipal Authority in Table 1.

(2) Calculation

Rider A is calculated for each Taxation Authority as follows:

$$\textit{Rider } A_n = \frac{\textit{Shortfall/Surplus}_{n-1} + \textit{Forecast Property Tax}_n}{\textit{Forecast Base Revenue}_n} + \textit{Franchise Fee}_n$$

Where:
n = Current Year

Appendix G

ATCO Electric

Rider A Municipal Assessment

ATCO Electric

TABLE 1: TOTAL RIDER A

Municipal Authority (Price Area)	[1] Municipal Tax from Table 2 (%)	[2] Franchise Fee (%)	[3] Franchise Fee Effective Date (yy/mm/dd)	[4] = [1] +[2] Rider A Total (%)	Municipal Authority (Price Area)	[1] Municipal Tax from Table 2 (%)	[2] Franchise Fee (%)	[3] Franchise Fee Effective Date (yy/mm/dd)	[4] = [1] +[2] Rider A Total (%)
ACADIA (M034)	5.47	0.00		5.47	MANNING (T556)	1.64	6.00	12/01/01	7.64
ALLIANCE (V017)	2.14	6.00	05/01/01	8.14	MANNVILLE (V559)	3.02	9.00	20/01/01	12.02
ALLISON BAY (B219)	-0.01	0.00		-0.01	MARWAYNE (V562)	2.35	6.00	15/06/01	8.35
ANDREW (V024)	1.74	7.00	20/01/01	8.74	MCLENNAN (T574)	2.88	2.75	11/01/01	5.63
BEAVERLODGE (T051)	1.87	7.00	20/01/01	8.87	MINBURN (V589)	3.10	1.00	18/01/01	4.10
BERWYN (V063)	3.86	6.00	19/01/01	9.86	MORRIN (V598)	1.93	3.50	12/01/01	5.43
BIG VALLEY (V069)	1.37	2.00	16/01/01	3.37	MUNDARE (T604)	2.07	6.00	20/04/01	8.07
BIGSTONE (B110)	1.74	0.00		1.74	MUNSON (V607)	4.13	1.00	10/07/01	5.13
BONNYVILLE BEACH S.V. (S096)	0.85	0.00		0.85	MYRNAM (V610)	2.27	6.00	21/02/01	8.27
BONNYVILLE, TOWN OF (T093)	1.18	6.80	03/01/01	7.98	NAMPA (V619)	1.53	2.00	16/01/01	3.53
BOTHA (V099)	1.69	0.00	20/01/01	1.69	NORTHERN LIGHT (M022)	1.34	0.00		1.34
BUSHE RIVER I.R. 207 (B726)	1.10	0.00		1.10	NORTHERN SUNRISE COUNTY (M131)	0.76	0.00		0.76
CAMROSE (C022)	3.66	0.00		3.66	OPPORTUNITY (M017)	1.12	0.00		1.12
CARBON (V129)	1.76	5.00	15/01/01	6.76	OYEN (T648)	1.31	6.00	09/01/01	7.31
CASTOR (T147)	2.20	7.00	20/01/01	9.20	PADDLE PRAIRIE (N221)	3.18	0.00		3.18
CEREAL (V153)	3.03	0.00	21/08/01	3.03	PAINTEARTH (C018)	1.18	0.00		1.18
CLEAR HILLS (M021)	2.20	0.00		2.20	PARADISE VALLEY (V654)	1.67	7.00	21/01/01	8.67
COLD LAKE (T189)	1.42	4.25	03/01/01	5.67	PEACE (M135)	0.93	0.00		0.93
CONSORT (V195)	2.88	7.00	21/01/01	9.88	PEACE RIVER (T657)	2.20	8.50	21/01/01	10.70
CORONATION (T198)	2.22	3.75	04/01/01	5.97	PEAVINE (N172)	3.88	0.00		3.88
DELBURNE (V231)	2.13	1.50	08/01/01	3.63	PELICAN NARROWS S.V. (S659)	0.43	0.00		0.43
DELIA (V234)	2.64	5.00	11/01/01	7.64	RAINBOW LAKE (T690)	1.84	13.00	15/01/01	14.84
DERWENT (V237)	4.28	4.00	19/06/01	8.28	RED DEER (C023)	2.29	0.00		2.29
DEWBERRY (V246)	1.89	8.00	17/01/01	9.89	ROCHON SANDS S.V. (S708)	1.52	0.00		1.52
DOGHEAD I.R. (B218)	0.02	0.00		0.02	ROSALIND (V717)	2.52	0.50	13/04/09	3.02
DONALDA (V252)	2.87	9.00	21/01/01	11.87	RYCROFT (V729)	1.83	7.00	20/04/01	8.83
DONNELLY (V255)	1.83	2.25	10/01/01	4.08	SADDLE HILLS (M020)	0.61	0.00		0.61
DRIFTPILE RIVER FIRST NATION I.R. 150 (B220)	0.00	0.00		0.00	SADDLE LAKE I.R. (B638)	0.98	0.00		0.98
DRUMHELLER (K025)	1.50	9.00		10.50	SEXSMITH (T754)	1.77	5.50	12/01/01	7.27
EAST PRAIRIE (N174)	2.40	0.00		2.40	SLAVE LAKE (T766)	1.44	10.40	20/03/01	11.84
ELIZABETH (N187)	4.21	0.00		4.21	SMOKY LAKE (T769)	2.17	7.00	19/04/01	9.17
ELK POINT (T291)	2.23	5.00	20/01/01	7.23	SMOKY RIVER (M130)	2.35	0.00		2.35
ELNORA (V294)	1.77	1.50	20/01/01	3.27	SPECIAL AREAS (A001)	0.66	0.00		0.66
EMPRESS (V297)	3.24	2.00	07/01/01	5.24	SPIRIT RIVER (M133)	1.48	0.00		1.48
FAIRVIEW (M136)	2.37	0.00		2.37	SPIRIT RIVER, TOWN OF (T778)	1.87	5.50	12/02/01	7.37
FAIRVIEW (T309)	1.62	7.50	13/01/01	9.12	ST. PAUL, COUNTY OF (C019)	0.89	0.00		0.89
FALHER (T315)	1.86	7.00	20/01/01	8.86	ST. PAUL, TOWN OF (T790)	1.73	7.00	03/01/01	8.73
FISHING LAKE (N188)	8.96	0.00		8.96	STARLAND (M047)	1.10	0.00		1.10
FLAGSTAFF (C029)	1.64	0.00		1.64	STETTLER, COUNTY OF (C006)	2.25	0.00		2.25
FORESTBURG (V324)	2.38	11.00	21/01/01	13.38	STETTLER, TOWN OF (T805)	1.08	11.10	18/01/01	12.18
FORT MCMURRAY (K032)	0.72	10.00	14/01/01	10.72	STURGEON LAKE I.R. 154 (B770)	0.91	0.00		0.91
FOX CREEK (T342)	1.40	6.50	20/01/01	7.90	SUCKER CREEK FIRST NATION 150A (B792)	1.00	0.00		1.00
FT. MACKAY SETTLEMENT #467 (B982)	1.18	0.00		1.18	SWAN HILLS TOWN (T830)	3.23	10.00	21/01/01	13.23
FT. McMURRAY BAND (B352)	0.53	0.00		0.53	THREE HILLS (T845)	1.26	6.00	09/01/01	7.26
GADSBY (V351)	-1.62	0.00	21/08/01	-1.62	TROCHU (T857)	2.54	5.00	16/01/01	7.54
GALAHAD (V354)	2.79	8.00	19/01/01	10.79	TWO HILLS COUNTY (C021)	7.20	0.00		7.20
GIFT LAKE METIS SETT (N173)	5.66	0.00		5.66	TWO HILLS, TOWN OF (T863)	2.86	8.50	21/01/01	11.36
GIROUXVILLE (V366)	2.50	6.00	21/01/01	8.50	UPPER HAY LAKE I.R. 212 (B728)	0.68	0.00		0.68
GLENDON (V372)	2.41	1.50	03/01/01	3.91	VALLEYVIEW (T866)	1.53	5.25	06/01/01	6.78
GRANDE CACHE (T393)	0.31	0.00	21/01/01	0.31	VEGREVILLE (T875)	2.04	10.00	20/01/01	12.04
GRANDE PRAIRIE, COUNTY OF (C001)	0.75	0.00		0.75	VERMILION (T878)	1.19	8.00	21/01/01	9.19
GRANDE PRAIRIE, CITY OF (K035)	1.67	10.00	19/02/01	11.67	VETERAN (V881)	3.44	6.00	17/01/01	9.44
GRIMSHAW (T405)	1.40	6.00	10/07/01	7.40	VILNA (V887)	3.86	20.00	12/01/01	23.86
HALKIRK (V414)	1.73	5.00	21/01/01	6.73	WASKATENAU (V908)	2.49	1.00	19/01/01	3.49
HANNA (T417)	1.65	7.50	18/01/01	9.15	WEMBLEY (T911)	1.97	6.00	11/03/01	7.97
HAY LAKE I.R. 209 (B727)	1.06	0.00		1.06	WHEATLAND (C016)	0.52	0.00		0.52
HEISLER (V429)	5.87	8.00	21/01/01	13.87	WHITE SANDS S.V. (S922)	0.80	0.00		0.80
HIGH LEVEL (T435)	0.88	12.10	20/01/01	12.98	WHITEFISH I.R. 155 (B924)	1.29	0.00		1.29
HIGH PRAIRIE (T438)	1.26	7.50	17/01/01	8.76	WILLINGDON (V926)	4.07	2.00	08/01/01	6.07
HINES CREEK (V447)	3.31	2.75	19/01/01	6.06	WOOD BUFFALO (M018)	0.10	0.00		0.10
HORSESHOE BAY S.V. (S458)	0.89	0.00		0.89	WOOD BUFFALO PARK (L024)	0.66	0.00		0.66
HYTHE (V468)	2.12	10.00	20/01/01	12.12	YOUNGSTOWN (V932)	1.93	1.25	12/01/01	3.18
INNISFREE (V474)	3.57	5.00	17/01/01	8.57	BIG LAKE & KINUSO (M125, V505)	1.21	0.00		1.21
JASPER (R004)	0.62	6.00	13/08/01	6.62	BIRCH HILLS & WANHAM (M019, V896)	2.26	0.00		2.26
KITSCOTY (V508)	2.18	6.00	13/01/01	8.18	BONNYVILLE & ANNEXED AREA (M087, M088)	0.51	0.00		0.51
LAKELAND (C089)	0.36	0.00		0.36	JASPER (PARK & OUTSIDE TOWN) (L012, R003)	0.25	6.00	13/08/01	6.25
LAMONT (C030)	2.33	0.00		2.33	KNEEHILL & TORRINGTON (M048, V854)	1.40	0.00		1.40
LESSER SLAVE RIVER (M124)	0.46	0.00		0.46	LLOYDMINSTER (AB45, SK45)	1.02	11.00	15/01/01	12.02
LINDEN (V535)	2.72	6.00	15/01/01	8.72	MINBURN & LAVOY (C027, V523)	0.78	0.00		0.78
LOON RIVER CREE (B473)	2.42	0.00		2.42	SMOKY LAKE & WARSPITE (C013, V905)	1.34	0.00		1.34
M.D. of GREENVIEW (M016)	0.27	0.00		0.27	THORHILD & RADWAY (V687, C007)	6.48	0.00		6.48
MACKENZIE (M023)	1.43	0.00		1.43	VERMILLION RIVER (AB & SK) (C024, SK24)	1.42	0.00		1.42

ATCO Electric Rider A Amendment Approved in AUC Disposition 26358-D01-2021
(Dated: March 3, 2021)

Sheet 2 of 2
Effective: 2021 04 01
Supersedes: 2020 03 01

The Company's *Terms and Conditions for Electric Distribution Service* apply to all retailers and customers provided with System and/or Distribution Access Service by the Company. The *Terms and Conditions* are available on the website www.atco.com.

Appendix G

ATCO Electric

Rider B Balancing Pool Adjustment

Availability

- This Rider B is designed to flow through a Balancing Pool Refund from the Alberta Electric System Operator (AESO).
- Applicable to all customers with the exception of customers served on Price Schedule D24, Price Schedule D34, and Price Schedule D44, at points of service, throughout the territory served by the Company for energy consumption **effective from January 1, 2022 to December 31, 2022.**
- The Company's applicable charges under the following Price Schedules will be adjusted by the amounts noted below:

Applicable Distribution Tariff Price Schedule	Charge (¢/kW.h) "+" = Charge "-" = Refund
D11 Residential	0.232
D13 Time of Use Residential Service	0.232
D21 Small General Service	0.232
D22 Small Technology	0.232
D23 Electric Vehicle Fast Charging Services	0.232
D25 Irrigation Pumping Service	0.231
D26 REA Irrigation Pumping Service	0.231
D31 Large General Service/Industrial – Distribution Connected	0.232
T31 Large General Service/Industrial – Transmission Connected	0.220
D32 Generator Interconnection and Standby Power	0.232
D33 Transmission Opportunity Rate – Distribution Connected	0.232
T33 Transmission Opportunity Rate – Transmission Connected	0.220
D41 Small Oilfield and Pumping Power	0.235
D51 REA Farm Service	0.234
D52 REA Farm Service – Excluding Wires Service Provider	0.234
D56 Farm Service	0.234
D61 Street Lighting Service	0.232
D63 Private Lighting Service	0.233

Note: Rider B does not apply to Rider A, Rider G, Rider J, and Rider S

Appendix G

ATCO Electric

Rider G Temporary Adjustment

Availability

- Applicable to all customers, at points of service, throughout the territory served by the Company for energy consumption effective from **January 1, 2022 to December 31, 2022.**
- The Company's applicable charges under the following Price Schedules will be adjusted by the amounts noted below:

Applicable Distribution Tariff Price Schedule	Charge (¢/kW.h) "+" = Charge "-" = Refund
D11 Residential	0.131
D13 Time of Use Residential Service	0.131
D21 Small General Service	0.107
D22 Small Technology	0.107
D23 Electric Vehicle Fast Charging Services	0.107
D25 Irrigation Pumping Service	-2.437
D26 REA Irrigation Pumping Service	-2.437
D31 Large General Service/Industrial – Distribution Connected	-0.074
T31 Large General Service/Industrial – Transmission Connected	0.000
D32 Generator Interconnection and Standby Power	-0.074
D33 Transmission Opportunity Rate – Distribution Connected	-0.074
T33 Transmission Opportunity Rate – Transmission Connected	0.000
D41 Small Oilfield and Pumping Power	- 0.010
D51 REA Farm Service	0.088
D52 REA Farm Service – Excluding Wires Service Provider	0.088
D56 Farm Service	0.189
D61 Street Lighting Service	-0.437
D63 Private Lighting Service	-1.406

Note: Rider G does not apply to Rider A, Rider J, and Rider S.

Appendix G

Rider J Interim Adjustment

Availability

- Applicable to all customers, at points of service, throughout the territory served by the Company for energy consumption effective from **January 1, 2022 to December 31, 2022.**
- Rider J applies as a percentage (%) of total base Distribution and Service Component charges by rate class.
- The Company's applicable charges under the following Price Schedules will be adjusted by the amounts noted below:

Applicable Distribution Tariff Price Schedule	Charge (%) "+" = Charge "-" = Refund
D11 Residential	3.00
D13 Time of Use Residential Service	3.00
D21 Small General Service	13.44
D22 Small Technology	13.44
D23 Electric Vehicle Fast Charging Services	13.44
D25 Irrigation Pumping Service	9.17
D26 REA Irrigation Pumping Service	9.17
D31 Large General Service/Industrial – Distribution Connected	13.44
T31 Large General Service/Industrial – Transmission Connected	13.44
D32 Generator Interconnection and Standby Power	13.44
D33 Transmission Opportunity Rate – Distribution Connected	13.44
T33 Transmission Opportunity Rate – Transmission Connected	13.44
D41 Small Oilfield and Pumping Power	13.44
D51 REA Farm Service	13.44
D52 REA Farm Service – Excluding Wires Service Provider	13.44
D56 Farm Service	13.44
D61 Street Lighting Service	0.00
D63 Private Lighting Service	3.68

Note: Rider J does not apply to Rider A, Rider G, and Rider S.

SAS Deferral Rider S

Availability

- Rider S is designed to dispense of the estimated System Access Service (SAS) deferral balance on the prospective basis for the proceeding quarter as well as including previous quarter true-ups of actual revenues and costs related to Riders.
- Applicable to all customers, at points of service, throughout the territory served by the Company for energy consumption effective **January 1, 2022**.
- The Company's applicable charges under the following Price Schedules will be adjusted by the amounts noted below.

Applicable Distribution Tariff Price Schedule	Charge (¢/kW.h) "+" = Charge "-" = Refund
D11 Residential	-0.423
D13 Time of Use Residential Service	-0.423
D21 Small General Service	-0.030
D22 Small Technology	-0.030
D23 Electric Vehicle Fast Charging Services	-0.030
D25 Irrigation Pumping Service	0.000
D26 REA Irrigation Pumping Service	0.000
D31 Large General Service/Industrial – Distribution Connected	-0.029
T31 Large General Service/Industrial – Transmission Connected	0.000
D32 Generator Interconnection and Standby Power	-0.029
D33 Transmission Opportunity Rate – Distribution Connected	-0.029
T33 Transmission Opportunity Rate – Transmission Connected	0.000
D41 Small Oilfield and Pumping Power	-0.030
D51 REA Farm Service	-0.032
D52 REA Farm Service – Excluding Wires Service Provider	-0.032
D56 Farm Service	-0.268
D61 Street Lighting Service	-0.192
D63 Private Lighting Service	-0.206

Note: Rider S does not apply to Rider A, Rider B, Rider G, and Rider J.

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Effective: 2022-01-01
Supersedes: 2021-01-01

SCHEDULE OF AVAILABLE COMPANY INVESTMENT

1.0 Subject to the provisions of Section 2 and 3 of this Schedule, the maximum Distribution Capital Cost which the Company will incur to extend service to a Point of Service, herein referred to as the "Available Company Investment", will be determined as follows:

Service Type	Price Schedule	Initial Term (years)	Investment Term (years)	Minimum Demand	Demand Blocks	Effective: January 1, 2022
Residential	D11/D13	5	30	-	not applicable	$2,967 per site
Small General Service	D21	5	25	5 kW	all levels	$3,037 per kW
Small Technology	D22	5	25	-	all levels	$3,3037 per kW
Irrigation Pumping	D25	5	30	5 kW	all levels	$553 per kW
Large General Service / Industrial	D31, D32	5	25	50 kW	first 500 kW	$1,365 per kW
					next 1500 kW	$915 per kW
					remaining kW	$94 per kW
Oilfield and Pumping	D41	5	15	4 kW	all levels	$2,256 per kW
Company Farm	D56	5	30	3 kVa		$2,128 per kVa
Standard Street Lighting (1)	D61B	5	25	-		$2,693 per light
	D61C	5	25	-		$669 per light
Standard Private Lighting	D63A	5	25	-		$1,443 per light
	D63E	5	25	-		$361 per light

Notes: (1) For residential and commercial subdivision street lighting, investment will only be available to municipal corporations, and only after the lighting is connected and taking service in the account of the municipal corporation.

2.0 In circumstances where the Investment Term, revenue or load characteristics of an extension are expected to substantially deviate from the norm, the Company will calculate the Available Company Investment based on the expected operating characteristics and length of service for the extension of service in question. Please refer to Section 5 for an example of how Available Company Investment is impacted by length of service.

3.0 Reduction in Available Company Investment Level

The Company has the right to withhold the Available Company Investment from a Customer. If the Company withholds the Available Company Investment from a Customer, the Company will send the Customer a written explanation outlining:

(a) the reasons for withholding the investment; and

(b) the Customer's right to appeal the Company's decision to the Commission.

A copy of the same written explanation will be sent to the Commission.

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4.0 Micro-Generation Customers

Subject to the *Micro-Generation Regulation,* A.R. 27/2008, as amended from time to time, the Company will invest in the costs of connecting a micro-generation unit to the interconnected system.

5.0 Maximum Investment Levels If Less Than Full Investment Term

	Rate D31, D32 - Large General Service/Industrial			D41
Investment Term (Years)	First 500 kW Investment ($ per kW)	Next 1500 kW Investment ($ per kW)	Remaining kW Investment ($ per kW)	Oilfield and Pumping ($ per kW)
1	$110	$73	$8	$232
2	$212	$142	$15	$448
3	$308	$206	$21	$651
4	$397	$266	$27	$840
5	$481	$322	$33	$1,016
6	$559	$375	$39	$1,181
7	$632	$424	$44	$1,336
8	$700	$469	$48	$1,480
9	$763	$512	$53	$1,615
10	$823	$552	$57	$1,741
11	$879	$589	$61	$1,858
12	$931	$624	$64	$1,968
13	$979	$657	$68	$2,071
14	$1,025	$687	$71	$2,167
15	$1,067	$716	$74	$2,256
16	$1,107	$742	$77	N/A
17	$1,144	$767	$79	
18	$1,178	$790	$81	
19	$1,211	$812	$84	
20	$1,241	$832	$86	
21	$1,269	$851	$88	
22	$1,295	$869	$90	
23	$1,320	$885	$91	
24	$1,343	$901	$93	
25	$1,365	$915	$94	

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Supersedes:	2021-01-01

SCHEDULE OF SUPPLEMENTARY SERVICE CHARGES

1.0 APPLICABILITY

The following Supplementary Service Charges are applicable to every Customer and Retailer within the Company's service area, unless otherwise specified.

2.0 SCHEDULE OF CHARGES

All charges and provisions of the Customer's applicable price schedule shall apply in addition to the following charges for the service being provided:

	APPLICATION	FEE
(a)	**SETUP FEE** This fee applies when a new Customer takes service at a Site and requests the setup during the Company's regular business hours. This fee does not apply to street light and private light accounts.	$15.00 per Site
(b)	**RETAILER RE-ENROLLMENT FEE** This fee applies when a Retailer finds that it has enrolled an incorrect Site and the Company initiates a re-enrollment of the Customer back to the previous Retailer. This fee will be assessed to the Retailer that made the error.	$15.00 per Site
(c)	**REVOKE DE-SELECT** This fee applies if the Company has already processed the initial de-select request. This fee will be assessed to the Retailer that requested the initial de-select	$15.00 per Site
(d)	**RECONNECTION, DISCONNECTION OF SERVICE AND RIGHT OF ACCESS (FAILED ATTEMPT/NO ACCESS FEE)**	
	(1) Reconnection of electric service to any premises during the Company's regular business hours	Company's actual costs ($133.00 minimum)
	(2) Rush disconnection of electric service to any premises during Company's regular business hours, if requested by the Customer	Company's actual costs ($133.00 minimum)
	(3) Reconnection of electric service to any premises after the Company's regular business hours, if requested by the Customer	Company's actual costs ($133.00 minimum)
	(4) Disconnection of electric service to any premises after the Company's regular business hours, if requested by the Customer	Company's actual costs ($133.00 minimum)
	(5) Failed attempts due to lack or prevention of access to disconnect electric service to any premises, or to install, maintain, replace, test, monitor, read or remove the Company's facilities during or after the Company's normal business hours	Company's actual costs ($133.00 minimum)
(e)	**REQUEST FOR INTERVAL METER** Customer request for interval metering (for Operating Load under 500 kW): Capital and installation appropriate communication facilities and service (Ethernet, cellular, or satellite); plus monthly communication charges.	Cost of material and installation; plus $78.00 per month per meter for ongoing operating and maintenance costs

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APPLICATION				FEE
(f)		**SUPPLEMENTARY METER READS [1/]** This fee applies for additional meter reads above the Company's standard meter read practices.		
	(1)	Conventional meter reads (AMR)		$9.00 per read per meter
	(2)	Conventional meter reads (non AMR):		
		(i)	Meter read to any premises during the Company's normal business hours	$133.00 per read per meter
		(ii)	Meter read to any premises after the Company's normal business hours	Company's actual costs ($133.00 minimum)
(g)		**BILLING and METER DISPUTES** Review of billing and meter disputes, which may include a meter test as required, in circumstances where the Company has not been responsible for any error:		
	(1)	Self-Contained Metering		$179.00 per evaluation
	(2)	Instrument Transformer Metering		$387.00 per evaluation
(h)		**CUSTOMER USAGE INFORMATION REQUESTS** This fee applies when the Company is requested to provide Customer Usage Information above the standard service request. Refer to the Alberta Utilities Commission, Rule 010 for further information. This fee will be assessed to the party that is making the request.		$121.00 per hour (minimum 1 hour)
(i)		**GENERATING CUSTOMER APPLICATION FEES**		
	(1)	Micro-Generator		$0.00
	(2)	Distribution Generator		Company's actual costs $4,188 minimum per study site
(j)		**LATE PAYMENT CHARGE**		1.5% per month (19.56% per annum)
(k)		**RETURNED PAYMENT FEE**		$22.00

[1/] **Standard Company Meter Reads:**

Interval meters………………...……………………..…… Daily

Conventional meters (AMR and non AMR type)…… Monthly or Bi-monthly