

**2018 Assessment Year Request for Information**

**Reference Guide**

**Linear Property - Operators of Electric Power Systems**  
**(Transmission and Distribution)**

## *Contents*

<b>The Linear Property Operator’s Responsibility/Purpose of the 2018 Assessment Year Request for Information .....</b>	<b>1</b>
Terminology.....	1
<b>Terms and Definitions .....</b>	<b>2</b>
What information must you report in the inventory file? .....	4
Other publications you may need.....	5
What do you include with your 2018 AY RFI Return and what records do you keep? .....	5
Filing your 2018 AY RFI Return .....	5
What happens to your 2018 AY RFI Return after the assessor receives it? .....	5
What are the consequences of not filing a 2018 AY RFI Return by December 04, 2018?.....	6
Getting Started .....	6
<b>Instructions for Reporting Operator Details on Sheet 1 (Oper).....</b>	<b>7</b>
Table 1 – Operator Identification .....	7
<b>Instructions for Reporting Equipment Site Facilities in “Alberta” on Sheet 2 (ESF).....</b>	<b>8</b>
Table 2 – Equipment Site Facilities in “Alberta” .....	8
<b>Instructions for Reporting Transmission Facilities in “Alberta” on Sheet 3 (TFAC) .....</b>	<b>11</b>
Table 3 – Transmission Facilities in “Alberta” .....	11
<b>Appendix – Common Reporting Instructions .....</b>	<b>15</b>
Record Transaction (Trx) .....	15
Record Type (RecType) .....	15
Table 4 – Mapping Operator Inventory to RFI Units in “Alberta”.....	15
Location – Address.....	16
Project Costs and Excluded Costs .....	17

**The Linear Property Operator's Responsibility/Purpose of the 2018 Assessment Year Request for Information**

Under sections 292, 294 and 295(1) of the *Municipal Government Act* and sections 238, 240 and 241(1) of *The Lloydminster Charter*, all linear property operators in the Province of Alberta and the City of Lloydminster, Saskatchewan are required to provide a report relating to the linear property when requested by the assessor.

The 2018 Assessment Year Request for Information Reference Guide (2018 AY RFI) provides the required steps for the operators of electric power systems (transmission and distribution) to prepare a fully compliant 2018 AY RFI Return.

The 2018 AY RFI and other material provide direction and explain the circumstances you will need to update/modify the enclosed pre-populated 2018 AY RFI Excel file (***Company Number\_RFI\_SELF\_REPORTED\_ELE\_2018.xls***). The 2018 AY RFI provides direction and explains the circumstances under which you are required to send copies of other documents as part of your 2018 AY RFI Return.

You must report all information and provide all documentation requested in the 2018 AY RFI by December 04, 2018 to accurately report the electric power systems linear property (transmission and distribution) inventory you own as of October 31, 2018.

**2018 AY Request for Information Return Declaration form**

This form is to ensure your contact information is up to date and the Request for Information Return has been filled out in compliance with the 2018 AY RFI. This form must be completed, signed and returned with the 2018 AY RFI by December 04, 2018.

**Terminology**

'Plain language' and industry-familiar terminology have been used in the 2018 AY RFI whenever possible. The 2018 AY RFI is a legal document that deals with technically complex subjects. Review the following "Terms and Definitions" section for the meaning of key words used in the 2018 AY RFI. Also, review the Appendix for expanded reporting instructions for common inventory file elements and cross-references between industry-familiar terminology and that used in the 2018 AY RFI.

### Terms and Definitions

In the 2018 Assessment Year Request for Information (2018 AY RFI) for Operators of Electric Power Systems (Transmission and Distribution):

- (a) **2018 AY RFI Return** means a complete inventory file (including copies of the documents to support the total project costs and the claimed excluded costs pursuant to the *Municipal Government Act*, *CCRG* and any supplementary GIS files) submitted to the assessor in response to the 2018 AY RFI.
- (b) **aerial** means inventory suspended from poles, towers, bridges, and other fixtures.
- (c) **AER** means Alberta Energy Regulator
- (d) **Alberta** means the Province of Alberta and the City of Lloydminster, Saskatchewan.
- (e) **allocation area** means the administrative areas defined by the assessor to determine in which municipality the linear property is located.
- (f) **assessment year** has the meaning given to it in the Regulation.
- (g) **assessor** has the meaning given to it in section 284(1)(d) of the *Municipal Government Act* or section 228(1)(e) of *The Lloydminster Charter*.
- (h) **ATS** means Alberta Township System legal land parcel (un-subdivided).
- (i) **AUC** means Alberta Utilities Commission.
- (j) **buried** means inventory ploughed into the ground or buried in a trench.
- (k) **CCRG** refers to the *2005 Construction Cost Reporting Guide*.
- (l) **Designated Industrial property has the meaning given in s284(f.01)**
- (m) **electric power systems** has the meaning given to it in section 284(k)(i) of the *Municipal Government Act* and the *Matters Relating to Assessment and Taxation Regulation, 2018 (AR 203/2017)*; or section 228(1)(i) of *The Lloydminster Charter and Matters Relating to Assessment and Taxation (AR220/2004)*.
- (n) **Geographic Information System (GIS)** means a map-based application such as MapInfo, ESRI, Intergraph and the application's associated spatial data (example: line work style, symbols and geometries).
- (o) **included cost (ic)** means the value of linear property calculated in accordance with the *CCRG*, prior to adjustment by the cost factor, as defined in section 1.001 of the *2017 Alberta Linear Property Assessment Minister's Guidelines*.
- (p) **inventory file** means the Microsoft Excel file prescribed and pre-populated by the assessor in the 2018 AY RFI or a GIS file containing the same information or a combination of the two.
- (q) **linear property** has the meaning given to it in section 284(1)(k) of the *Municipal Government Act* and the *Matters Relating to Assessment and Taxation Regulation, 2018 (AR 203/2017)*; or section 228(1)(n) of *The Lloydminster Charter and Matters Relating to Assessment and Taxation (AR220/2004)*.
- (r) **operator** has the meaning given to it in section 284(1)(p) of the *Municipal Government Act* and the *Matters Relating to Assessment and Taxation Regulation, 2018 (AR 203/2017)*; or section 228(1)(w) of *The Lloydminster Charter and Matters Relating to Assessment and Taxation (AR220/2004)*.
- (s) **project cost** means the cost of construction as described in section 1.000 of the *CCRG*.
- (t) **regulation** means the *Matters Relating to Assessment and Taxation Regulation (AR 203/2017)* in the Province of Alberta, or *and Matters Relating to Assessment and Taxation (AR220/2004)* in the City of Lloydminster.
- (u) **request for information (RFI)** means the requested information referred to in section 295(1) of the *Municipal Government Act* or section 238(3) of *The Lloydminster Charter*, and

the information requested by the assessor pursuant to sections 294(1) and 295(1) of the *Municipal Government Act* or sections 240(1) and 241(1) of *The Lloydminster Charter*.

- (v) **Transmission Regulation** means Transmission Regulation *AR86/2007*
- (w) **underground** means inventory placed in conduit or pipe located between manholes, main conduit, buildings, and pole mounts.
- (x) **year built** is the year in which the linear property meets the conditions in section 291(2)(a) of the *Municipal Government Act* or section 237(2)(a) of *The Lloydminster Charter*.

## **General Information**

### **What information must you report in the inventory file?**

You must report all of the information requested in the 2018 AY RFI, and provide copies of supporting documents where requested. The 2018 AY RFI provides detailed instructions to assist you to prepare a fully compliant 2018 AY RFI Return.

If you own any electric power systems (transmission and distribution) linear property in Alberta as of October 31, 2018 and have changed the inventory (decommissioned, new, purchased, sold, removed, replaced, and/or modified) which has been pre-populated on the 2018 AY RFI Excel file, you must complete and submit an inventory file as your 2018 AY RFI Return.

To get you started, your current linear property inventory has been pre-populated in your 2018 AY RFI Excel file with the best information known to the assessor. If the pre-populated information is correct and you have no changes, then submit the Excel file as your 2018 AY RFI Return to the Provincial Assessor. For further instructions, please go to section "Filing your 2018 AY RFI Return" in this document.

However, if the pre-populated information is incorrect or otherwise deficient or inaccurate, you must update the pre-populated information with additions, deletions and changes as required to reflect your inventory as of October 31, 2018. **This will assist the assessor in determining if the inventory is linear property or not.**

Some linear property is assessed based on total project costs accordance to the *2005 Construction Cost Reporting Guide* and the *2017 Alberta Linear Property Assessment Minister's Guidelines*. The associated inventory must be reported with total project costs reported for each year of the project. To assist the assessor in the determination of the linear property assessment, the 2018 AY RFI Return must include copies of all documentation below, but is not limited to:

1. **Description of the scope and purpose of the project** including sufficient explanation to support the cost reports and the resultant cost classifications. A detailed preliminary estimate would be of value.
2. **Summary Cost Report** which includes the operator's summary of the project costs which can be classified by the assessor as:
  - a. Buildings, structures and land costs (these should also be reported to the local assessor)
  - b. Machinery and equipment as defined in the Regulation (these should also be reported to the local assessor)
  - c. Linear property
  - d. Exempt property (as per the *Municipal Government Act*)
  - e. Costs to be excluded in accordance with the *Municipal Government Act* and *CCRG*, as claimed by the operator.
3. **Detailed Cost Reports** which are, in essence, cost recording by detailed cost elements which support cost classifications and are reconciled to the Summary Cost Report.
4. **All related documents** to support claims of costs to be excluded in accordance with the *Municipal Government Act* and *CCRG* including and not limited to reports or 'logs' for scope changes, extra work orders, field construction orders and purchase contracts.
5. **Reconciliation** of the Summary Cost Report, the Detailed Cost Report and the Cost Rendition.

All documentation provided **must** have sufficient explanation and support to reconcile the cost details provided. **It is the assessor that makes the final determination whether the costs will be included or excluded in the determination of the linear property assessment.**

### **Other publications you may need**

Copies of the *Municipal Government Act*, the *Freedom of Information and Protection of Privacy Act*, *The Lloydminster Charter*, other legislation and regulations, and the *2005 Construction Cost Reporting Guide* can be purchased from the Alberta Queen's Printer Bookstore. For more information, visit the Queen's Printer website at [www.qp.alberta.ca](http://www.qp.alberta.ca).

### **What do you include with your 2018 AY RFI Return and what records do you keep?**

Unless specifically requested in the 2018 AY RFI, documentation to support reported inventory details (including locations and, when applicable, total project costs) does not have to be filed with the 2018 AY RFI Return. The operator should retain all supporting documents until at least December 04, 2021 in case the assessor requests them for verification of the 2018 AY RFI Return.

### **Filing your 2018 AY RFI Return**

Submit your 2018 AY RFI Return to the assessor no later than December 04, 2018.

The 2018 AY RFI Returns may be e-mailed to:

[MA.ALPAStMail@gov.ab.ca](mailto:MA.ALPAStMail@gov.ab.ca)

The 2018 AY RFI Returns may be mailed, couriered or hand delivered to:

Provincial Assessor  
Assessment Services Branch  
Alberta Municipal Affairs  
15<sup>th</sup> Floor, Commerce Place  
10155 102 St NW  
Edmonton, AB T5J 4L4  
Canada

All information reported to the assessor will be managed in accordance with the *Municipal Government Act* and the *Freedom of Information and Protection of Privacy Act*.

It is your statutory duty (per section 295 of the *Municipal Government Act* and section 241 of *The Lloydminster Charter*) to ensure that the 2018 AY RFI Return is complete and accurate as the information contained therein will be relied upon by the assessor for the 2019 tax year.

### **What happens to your 2018 AY RFI Return after the assessor receives it?**

The assessor will review your submission and may ask for additional information to clarify or support your 2018 AY RFI Return. This information will be used to prepare your 2018 linear property assessment for property taxation in 2019.

**What are the consequences of not filing a 2018 AY RFI Return by December 04, 2018?**

You will not be compliant if your 2018 AY RFI Return is not received by December 04, 2018:

If the operator does not provide the requested information, the assessor must prepare the assessment using “any other source of information that the provincial assessor considers relevant, as at October 31 of the year prior to the year in which the tax is imposed under Part 10 in respect of the designated industrial property” (*Municipal Government Act* section 292(2.1)(b)).  
or

In accordance to section 238(5) of *The Lloydminster Charter*, if the company does not provide the requested information, the assessor must prepare the assessment using whatever information is available about the linear property.

The company may also lose the right to appeal to the Municipal Government Board in accordance with section 295(4) of the *Municipal Government Act* or section 241(4) of *The Lloydminster Charter*.

Additionally, the assessor may apply to the courts to obtain the required information under section 296(1) of the *Municipal Government Act* or section 242(1) of *The Lloydminster Charter*.

**Getting Started**

Please open your 2018 AY RFI Excel file which has been pre-populated with the best information known to the assessor. The 2018 AY RFI PDF document provides the detailed instructions on how to report your inventory **in the Province of Alberta and the City of Lloydminster, Saskatchewan** as of October 31, 2018.

If you have any questions or require assistance with your 2018 AY RFI, please contact one of the following:

- a. David Imrie at [David.Imrie@gov.ab.ca](mailto:David.Imrie@gov.ab.ca) or 780-427-1688
- b. Brenda Therrien at [Brenda.Therrien@gov.ab.ca](mailto:Brenda.Therrien@gov.ab.ca) or 780-422-8357
- c. Maureen Maddock at [Maureen.Maddock@gov.ab.ca](mailto:Maureen.Maddock@gov.ab.ca) or 780-644-7824

Government of Alberta telephone numbers can be reached toll free from anywhere in Alberta by first calling 310-0000.

E-mail general inquiries to [ma.alpasmail@gov.ab.ca](mailto:ma.alpasmail@gov.ab.ca).



**Open the pre-populated 2018 AY RFI Inventory File****(Company Number\_RFI\_SELF\_REPORTED\_ELE\_2018.xls)****Instructions for Reporting Operator Details on Sheet 1 (Oper)**

**Sheet 1 (Oper)** captures information about the operator of electric power systems (transmission and distribution) and the Canada Post mailing address for the assessment notice.

**Sheet 1 (Oper)** has been pre-populated with the best information known to the assessor. All operators of electric power systems (transmission and distribution) as of October 31, 2018 must update the information that appears in Sheet 1 (Oper) of the enclosed inventory file using the instructions in Table 1.

**Table 1 – Operator Identification**

Row	Label	Reporting Instructions
<b>Note:</b> The information in rows 1 and 2 are for the assessor's use only and do not need to be reviewed or updated by the operator.		
<b>Operator (row 3)</b>		
3	AsseName	Enter the full legal name of the operator (individual or corporation). If the operator is a corporation, enter the name as recorded on the incorporation documents.
<b>Person accountable for the 2018 AY RFI (rows 4 and 5)</b>		
4	RfiActName	Enter the name of the individual in the operator's organization who is accountable for the completeness and correctness of the information submitted to the assessor. This individual <b>must</b> be an officer or executive of the organization.
5	RfiActTitle	Enter the title of the accountable person.
<b>Contact person for the 2018 AY RFI (rows 6 and 7)</b>		
6	RfiContactName	Enter the full name of the individual who will act as the first point of contact if the assessor has questions about the 2018 AY RFI Return.
7	RfiContactTel	Enter the daytime business telephone number (including area code and country code if applicable) for the contact person.
<b>Assessment notice mailing address (rows 8 through 15).</b> The address must be inside the operator's organization and must follow Canada Post address standards per <a href="http://www.canadapost.ca/tools/pg/manual/PGaddress-e.asp">www.canadapost.ca/tools/pg/manual/PGaddress-e.asp</a> .		
8	Addr1	Enter the first line of the mailing address.
9	Addr2	Enter the second line of the mailing address.
10	Addr3	Enter the third line of the mailing address.
11	Addr4	Enter the fourth line of the mailing address.
12	Muni	Enter the Canada Post municipality.
13	PrSt	Enter the two-character Canada Post code for the province or state.
14	PcZip	Enter the postal code (6) or zip code (5 or 5+4 format).
15	Cntry	Enter the full name of the country. Enter <b>USA</b> for the United States.

### **Instructions for Reporting Equipment Site Facilities in “Alberta” on Sheet 2 (ESF)**

**Sheet 2 (ESF)** Equipment site facilities for electric power systems (transmission and distribution) include, but are not limited to substations (transmission and distribution) and electric street lighting.

**Sheet 2 (ESF)** has been pre-populated with the best information known to the assessor. All operators of electric power systems (transmission and distribution) as of October 31, 2018 **must** update the information that appears in Sheet 2 (ESF) of the enclosed inventory file using the instructions in Table 2.

This information can also be reported on a supplementary GIS file. The supplementary GIS file must be a geographic or projected MapInfo or ESRI (shape) file. Complete metadata (datum, projection, false easting, false northing and scale reduction factor) must be provided. Report only the geographic locations in a GIS file:

- Complete Sheet 2 (ESF) of your 2018 AY RFI inventory file per the instructions below, but leave the Location - Allocation Area columns (C through E) and Location – Address columns (T through AE) blank; and
- The supplementary GIS file must have an AsselInventID for each GIS record.

**Note:** The 2018 AY RFI inventory file (including the supplementary GIS file) allows the operator to report up to four address schemes to describe the location of inventory; at least one **must** be reported.

**Table 2 – Equipment Site Facilities in “Alberta”**

Col	Label	Reporting Instructions
<b>Note:</b> The information in column A is for the assessor’s use only and does not need to be reviewed or updated by the operator.		
<b>B</b>	Trx	Enter <b>A</b> , <b>C</b> or <b>D</b> or leave blank. See Appendix for further instructions.
<b>Location - Allocation Area (columns C through E)</b>		
<b>Codes from 2018 Allocation Area Guide</b>		
<b>C</b>	TaxJurID	Municipality code. Code from <b>column 3</b> , Table 3.
<b>D</b>	AsmntJurID	Assessment jurisdiction code. Code from <b>column 4</b> , Table 3.
<b>E</b>	AAName	Allocation area name. Code from <b>column 1</b> , Table 3.
<b>Inventory Details (columns F through O)</b>		
<b>F</b>	RecType	Enter <b>TWR, POLE, SST, ESLD, ESLP</b> or <b>ESLO</b> . See Appendix for further instructions.
<b>G</b>	AsselInventID	Enter the code used by the operator to uniquely identify the inventory (up to 150 characters).
<b>H</b>	AsselInventName	Enter the name or description (example: type of inventory, function) used by the operator to uniquely identify the inventory (up to 150 characters).
<b>SST only (columns I and J)</b>		
<b>I</b>	VoltIn	Enter the voltage (kV) entering the substation.
<b>J</b>	VoltOut	Enter the voltage (kV) leaving the substation.

Table 2 – Equipment Site Facilities in “Alberta”

Col	Label	Reporting Instructions
<b>ESLP only (column K)</b>		
<b>K</b>	QtyPole	Enter the number of poles in the allocation area.
<b>ESLD only (column L)</b>		
<b>L</b>	QtyDavit	Enter the total number of davits in the allocation area.
<b>Transmission related TWR and POLE only (columns M through O)</b>		
<b>M</b>	Type	Enter the type of pole or tower (metal, wood, configuration).
<b>N</b>	Ht	Enter the height of the pole or tower in metres (round to the nearest metre).
<b>O</b>	Qty	Enter the number of poles or towers in the allocation area.
<b>Project Costs and Excluded Costs (columns P through S) – Each year of construction must be reported as a separate record. The information in columns C through O and columns T through AE must be identical for each record. See Appendix for further instructions.</b>		
<b>SST and ESLO only (columns P through S)</b>		
<b>P</b>	CostYr	Construction cost year.
<b>Q</b>	ProjCost	Total project cost for the construction cost year (CostYr) (round to the nearest dollar, no decimals, no commas, no dollar signs). Review the section “What information must you report in the inventory file?” for clarification.
<b>R</b>	TotalCcrdDed	Total excluded cost claimed per <i>Municipal Government Act</i> and <i>CCRG</i> (round to the nearest dollar, no decimals, no commas, no dollar signs). Enter 0 (zero) if not applicable. Review the section “What information must you report in the inventory file?” for clarification.
<b>S</b>	CostSrce	The Authorization for Expenditure (AFE), project, account or other corporate records that contain the project cost details. Review the section “What information must you report in the inventory file?” for clarification.
<b>Location - Address (columns T through AE) – Enter the address that best describes the main entrance to the building, structure or land where the inventory resides. Report all applicable address formats. The information in columns T through AE must be identical for all inventory that resides in the same building, structure or land. See Appendix for further instructions.</b>		
<b>SST only (columns T through AE)</b>		
<i>Alberta Township System legal land parcel (columns T through Y)</i>		
<b>T</b>	FrQS	Quarter section. Enter <b>NE, NW, SE, SW</b> or leave blank.
<b>U</b>	FrLSD	Legal subdivision. Enter <b>01 to 16</b> or leave blank.
<b>V</b>	FrSec	Section. Enter <b>01 to 36</b> .
<b>W</b>	FrTwp	Township. Enter <b>001 to 126</b> .
<b>X</b>	FrRge	Range. Enter <b>01 to 30</b> .
<b>Y</b>	FrMer	Meridian. Enter <b>3 to 6</b> .
<i>Subdivided parcel (columns Z through AB)</i>		
<b>Z</b>	FrP	Plan.
<b>AA</b>	FrB	Block.
<b>AB</b>	FrL	Lot.

Table 2 – Equipment Site Facilities in “Alberta”

Col	Label	Reporting Instructions
<i>Municipal address (column AC)</i>		
<b>AC</b>	FrMuniAddr	Municipal (or “street”) address.
<i>Geographic coordinates (columns AD and AE)</i>		
<b>AD</b>	FrNAD83Lat	NAD83 latitude. Enter <b>49.000000</b> to <b>60.000000</b> (approximate range)
<b>AE</b>	FrNAD83Long	NAD83 longitude. Enter <b>-110.000000</b> to <b>-120.000000</b> (approximate range)

### **Instructions for Reporting Transmission Facilities in “Alberta” on Sheet 3 (TFAC)**

**Sheet 3 (TFAC)** Transmission facilities for electric power systems (transmission and distribution) include, but are not limited to cable, conduit /duct, towers and poles.

**Sheet 3 (TFAC)** has been pre-populated with the best information known to the assessor. All operators of electric power systems (transmission and distribution) as of October 31, 2018 **must** update the information that appears in Sheet 3 (TFAC) of the enclosed inventory file using the instructions in Table 3.

This information can also be reported on a supplementary GIS file. The supplementary GIS file must be a geographic or projected MapInfo or ESRI (shape) file. Complete metadata (datum, projection, false easting, false northing and scale reduction factor) must be provided. Report only the geographic locations in a GIS file:

- Complete Sheet 3 (TFAC) of your 2018 AY RFI inventory file per the instructions below, but leave the Location - Allocation Area columns (C through E) and Location – Address columns (V through AS) blank; and
- The supplementary GIS file must have an AsselInventID for each GIS record.

#### **Notes:**

1. The 2018 AY RFI inventory file (including the supplementary GIS file) allows the operator to report up to four address schemes to describe the location of inventory; at least one **must** be reported.
2. Transmission facilities **must** be reported at the lowest level of granularity in the operator's engineering records (example: each cable segment).

**Table 3 – Transmission Facilities in “Alberta”**

Col	Label	Reporting Instructions
<b>Note:</b> The information in column <b>A</b> is for the assessor's use only and does not need to be reviewed or updated by the operator.		
<b>B</b>	Trx	Enter <b>A</b> , <b>C</b> or <b>D</b> or leave blank. See Appendix for further instructions.
<b>Location - Allocation Area (columns C through E)</b>		
<b>Codes from 2018 Allocation Area Guide</b>		
<b>C</b>	TaxJurID	Municipality code. Code from <b>column 3</b> , Table 3.
<b>D</b>	AsmntJurID	Assessment jurisdiction code. Code from <b>column 4</b> , Table 3.
<b>E</b>	AAName	Allocation area name. Name from <b>column 1</b> , Table 3.
<b>Inventory Details (columns F through Q)</b>		
<b>F</b>	RecType	Enter <b>ET</b> , <b>DS</b> , <b>CNDT</b> , or <b>OTHF</b> . See Appendix for further instructions.
<b>G</b>	AsselInventID	Enter the code used by the operator to uniquely identify the inventory (up to 150 characters).
<b>H</b>	AsselInventName	Enter the name or description (example: type of inventory, function) used by the operator to uniquely identify the inventory (up to 150 characters).

Table 3 – Transmission Facilities in “Alberta”

Col	Label	Reporting Instructions
<b>ET and CNDT only (column I)</b>		
<b>I</b>	Length	Enter the length of the cable (transmission only) or conduit in metres (round up to the nearest whole number, no decimals, no commas, and must be greater than zero).
<b>ET and DS only (columns J and K)</b>		
<b>J</b>	Placement	Enter one of the following codes: <ul style="list-style-type: none"> <li>• <b>A</b> for aerial subscriber hook-ups; or</li> <li>• <b>B</b> for buried (in trench or pipe) subscriber hook-ups; or</li> <li>• <b>U</b> for underground (in conduit) subscriber hook-ups; or</li> <li>• <b>X</b> for unknown or other placement types.</li> </ul>
<b>K</b>	OperKVA	Enter the voltage of the distribution system in kVA.
<b>DS only (columns L and M)</b>		
<b>L</b>	ServType	Enter one of the following codes: <ul style="list-style-type: none"> <li>• <b>OGS</b> for oil and gas service or</li> <li>• <b>FRM</b> for Farm or</li> <li>• <b>RES</b> for Residential or</li> <li>• <b>COM</b> for Commercial or</li> <li>• <b>IND</b> for Industrial or</li> <li>• <b>X</b> for unknown or other types of service.</li> </ul>
<b>M</b>	SvceQty	Enter the total number of customer hook-ups currently assigned (actual hook ups) for all inventory included in the DS record.
<b>ET only (column N through Q)</b>		
<b>N</b>	CctType	Enter one of the following codes: <ul style="list-style-type: none"> <li>• <b>S</b> for single circuit or</li> <li>• <b>D</b> for double circuit or</li> <li>• <b>X</b> for unknown or other than S or D.</li> </ul>
<b>O</b>	CondSize	Enter the conductor size. <ul style="list-style-type: none"> <li>• For AWG sizes less than 0, enter <b>40</b> to <b>1</b>.</li> <li>• For AWG sizes greater than or equal to 0, enter <b>1/0</b> to <b>4/0</b>.</li> <li>• For sizes larger than 4/0 AWG, enter the size in kcmil or MCM (example: 266, 477).</li> <li>• For Direct Current, enter direct current (new 2018 AY)</li> </ul>
<b>P</b>	CondQty	Enter the number of conductors in the inventory unit (typically 1 or 2).
<b>Q</b>	Structure	Enter one of the following codes: <ul style="list-style-type: none"> <li>• <b>P</b> for mounted on a wooden pole, or</li> <li>• <b>T</b> for mounted on an aluminum or steel tower, or</li> <li>• <b>X</b> for unknown or other type of structure.</li> </ul>
<b>Project Costs and Excluded Costs (columns R through U) – Each year of construction must be reported as a separate record. The information in columns C through Q and columns V through AS must be identical for each record. See Appendix for further instructions.</b>		
<b>CNDT or OTHF only (columns R through U)</b>		
<b>R</b>	CostYr	Construction cost year.

Table 3 – Transmission Facilities in “Alberta”

Col	Label	Reporting Instructions
<b>S</b>	ProjCost	Total project cost for the construction cost year (CostYr) (round to the nearest dollar, no decimals, no commas, no dollar signs). Review the section “What information must you report in the inventory file?” for clarification.
<b>T</b>	TotalCrgDed	Total excluded cost claimed per <i>Municipal Government Act</i> and <i>CCRG</i> (round to the nearest dollar, no decimals, no commas, no dollar signs). Enter 0 (zero) if not applicable. Review the section “What information must you report in the inventory file?” for clarification.
<b>U</b>	CostSrce	The AFE, project, account or other corporate records that contain the project cost details. Review the section “What information must you report in the inventory file?” for clarification.
<b>Location - Address – From (columns V through AG)</b> – Enter the address that best describes the origin or starting point (“from”) of the facility. Report all applicable address formats. The information in columns <b>V</b> through <b>AG</b> should be identical to the address information for any inventory it connects to. See Appendix for further instructions.		
<b>ET only (columns V through AG)</b>		
<i>Alberta Township System legal land parcel (columns V through AA)</i>		
<b>V</b>	FrQS	Quarter section. Enter <b>NE, NW, SE, SW</b> or leave blank.
<b>W</b>	FrLSD	Legal subdivision. Enter <b>01</b> to <b>16</b> or leave blank.
<b>X</b>	FrSec	Section. Enter <b>01</b> to <b>36</b> .
<b>Y</b>	FrTwp	Township. Enter <b>001</b> to <b>126</b> .
<b>Z</b>	FrRge	Range. Enter <b>01</b> to <b>30</b> .
<b>AA</b>	FrMer	Meridian. Enter <b>3</b> to <b>6</b> .
<i>Subdivided parcel (columns AB through AD)</i>		
<b>AB</b>	FrP	Plan.
<b>AC</b>	FrB	Block.
<b>AD</b>	FrL	Lot.
<i>Municipal address (column AE)</i>		
<b>AE</b>	FrMuniAddr	Municipal (or “street”) address.
<i>Geographic coordinates (columns AF and AG)</i>		
<b>AF</b>	FrNAD83Lat	NAD83 latitude. Enter <b>49.000000</b> to <b>60.000000</b> (approximate range).
<b>AG</b>	FrNAD83Long	NAD83 longitude. Enter <b>-110.000000</b> to <b>-120.000000</b> (approximate range).
<b>Location - Address – To (columns AH through AS)</b> – Enter the address that best describes the termination or finishing point (“to”) of the facility. Report all applicable address formats. The information in columns <b>AH</b> through <b>AS</b> should be identical to the address information for any inventory it connects to. See Appendix for further instructions.		
<b>ET only (columns AH through AS)</b>		
<i>Alberta Township System legal land parcel (columns AH through AM)</i>		
<b>AH</b>	ToQS	Quarter section. Enter <b>NE, NW, SE, SW</b> or leave blank.
<b>AI</b>	ToLSD	Legal subdivision. Enter <b>01</b> to <b>16</b> or leave blank.
<b>AJ</b>	ToSec	Section. Enter <b>01</b> to <b>36</b> .

Table 3 – Transmission Facilities in “Alberta”

Col	Label	Reporting Instructions
<b>AK</b>	ToTwp	Township. Enter <b>001</b> to <b>126</b> .
<b>AL</b>	ToRge	Range. Enter <b>01</b> to <b>30</b> .
<b>AM</b>	ToMer	Meridian. Enter <b>3</b> to <b>6</b> .
<i>Subdivided parcel (columns <b>AN</b> through <b>AP</b>)</i>		
<b>AN</b>	ToP	Plan.
<b>AO</b>	ToB	Block.
<b>AP</b>	ToL	Lot.
<i>Municipal address (column <b>AQ</b>)</i>		
<b>AQ</b>	ToMuniAddr	Municipal (or “street”) address.
<i>Geographic coordinates (columns <b>AR</b> and <b>AS</b>)</i>		
<b>AR</b>	ToNAD83Lat	NAD83 latitude. Enter <b>49.000000</b> to <b>60.000000</b> (approximate range).
<b>AS</b>	ToNAD83Long	NAD83 longitude. Enter <b>-110.000000</b> to <b>-120.000000</b> (approximate range).



**Appendix – Common Reporting Instructions****Record Transaction (Trx)**

The 2018 AY RFI inventory file is pre-populated with the best information known to the assessor. You must change the information as necessary to accurately reflect the inventory that you own as of October 31, 2018. The Trx column allows you to flag the records you have changed. Enter:

- **A** for new records (these records did not exist on the pre-populated inventory file); or
- **C** for changed records (these records are on the pre-populated inventory file, but the content is now different); or
- **D** for records that are no longer applicable as of October 31, 2018 (these records are on the pre-populated inventory file, but should not be used for the 2018 assessment year); or
- Leave the column blank if the entire record is identical (no changes) to the pre-populated inventory file.

**Record Type (RecType)**

Find the type of inventory units to be reported in Table 4, column 1. Determine the type of 2018 AY RFI record (column 2) to report, the number of records required (column 4) and the sheet to report it on (column 3).

**Table 4 – Mapping Operator Inventory to RFI Units in “Alberta”**

Col 1	Col 2	Col 3	Col 4
Operator Inventory Unit	RecType	Sheet	Reporting Instructions
Substation (transmission and distribution)	SST	Sheet 2 (ESF)	Report one SST record for each substation unit and cost year (column M). Report total project costs. See Appendix for further instructions.
Street lighting pole (9.1 m galvanized)	ESLP	Sheet 2 (ESF)	Report one ESLP record for each allocation area (columns C through E).
Street lighting davit (2.4 m)	ESLD	Sheet 2 (ESF)	Report one ESLP record for each allocation area (columns C through E).
Street lighting other	ESLO	Sheet 2 (ESF)	Street lighting inventory that is not reported as ESLP or ESLD (example: decorative lamp standards). Include all costs (example: pole, pre-cast base for pole; auger hole, grounding, connections and trenching).  Report one ESL record for each allocation area (columns C through E) and cost year (column M). Report total project costs. See Appendix for further instructions.
Towers (transmission)	TWR	Sheet 2 (ESF)	Report one TWR record for each allocation area (columns C through E), type (column M) and height (column N).

**Table 4 – Mapping Operator Inventory to RFI Units in “Alberta”**

Col 1	Col 2	Col 3	Col 4
Operator Inventory Unit	RecType	Sheet	Reporting Instructions
Pole (transmission)	POLE	Sheet 2 (ESF)	Report one POLE record for each allocation area (columns C through E), type (column M) and height (column N).
Distribution service	DS	Sheet 3 (TFAC)	Report one DS record for each combination of allocation area (columns C through E), kVA (column I) and service type (column J).
Transmission line	ET	Sheet 3 (TFAC)	Report one ET record for each combination of allocation area (columns C through E), kVA (column I) and circuit type (columns L through Q).
Conduit and duct Duct including Manholes	CNDT	Sheet 3 (TFAC)	Report one CNDT record for each allocation area (columns C through E) where there unused conduit.
All other operator-owned transmission facilities	OTHF	Sheet 3 (TFAC)	Report one OTHF record for each “major” unit of other operator-owned facilities that is not listed above. Report total project costs. See Appendix for further instructions.

### Location – Address

The 2018 AY RFI inventory file uses four address schemes to describe the location of inventory. Report all applicable (or available) addresses. At least one of the “location – address” schemes **must** be reported.

- Alberta Township System legal land parcel (un-subdivided)* – The default address scheme for rural Alberta, it has six components:
  - Quarter section (QS) – Enter **NE, NW, SE, SW** or leave blank. Blank is valid when the exact location in the section is unknown or an LSD is specified instead.
  - Legal subdivision (LSD) – Enter **01 to 16** or leave blank. Blank is valid when the exact location in the section is unknown or a QS is specified instead.
  - Section (S) – Enter **01 to 36**. This is a mandatory ATS address field. Include the leading zeroes (example: 06, not 6).
  - Township (T) – Enter **001 to 126**. This is a mandatory ATS address field. Include the leading zeroes (example: 002, not 2).
  - Range (R) – Enter **01 to 30**. This is a mandatory ATS address field. Include the leading zeroes (example: 01, not 1).
  - Meridian (M) – Enter **3 to 6** (4, 5 or 6 in Alberta, 3 in Lloydminster, Saskatchewan). This is a mandatory ATS address field.
- Subdivided parcel* – The default address scheme for urban Alberta, it has three components: plan, block and lot. Subdivided parcels always have a plan number, but the block or lot or both may be unassigned.
- Municipal address* – A secondary address scheme for larger urban centres and counties. Although a municipal address can be structured with three or more components, the 2018 AY RFI inventory file only needs the concatenated values in this column. Do not use

Canada Post mailing addresses. Although they may share components and component values, they are not the same.

4. *Geographic coordinates* – The universal address scheme for all of Alberta, it has two components: latitude and longitude.
  - a. NAD83 latitude. Enter decimal degrees from **49.000000** to **60.000000** (approximate range). Report up to six decimal points.
  - b. NAD83 longitude. Enter decimal degrees from **-110.000000** to **-120.000000** (approximate range). Report up to six decimal points.

### **Project Costs and Excluded Costs**

Some linear property continues to be assessed based on total project costs. The associated inventory must be reported with total project costs reported for each year of construction. There are four components to report:

1. Construction cost year (CostYr) – Enter the year in which the inventory associated with the 2018 AY RFI record was first constructed or capable of being used in Alberta. All construction cost years need to be reported, each as a separate 2018 AY RFI record.
2. Total project costs (ProjCost) – Enter the total project costs for the construction cost year for all inventory associated with the 2018 AY RFI record.
3. Total excluded costs (TotalCrgDed) – Enter the total amount of excluded costs per the *Municipal Government Act* and *CCRG*. Enter zero (0) if the excluded costs are unknown or are not applicable.
4. Construction cost documents (CostSrc) – Enter the AFE, project, account or other corporate records that contain the project cost details. Please provide a copy of these documents to submit with your 2018 AY RFI Report.
5. Review “What do you include with your 2018 AY RFI Report and what records do you keep?” to assist in compiling your 2018 AY RFI Report.