

CAPITAL POWER CORPORATION

**Alberta Utilities Commission Application
Halkirk 2 Wind Power Project Substation**

APRIL 2017

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LIST OF ABBREVIATIONS

ACT	Alberta Culture and Tourism
AEP	Alberta Environment and Parks
AESO	Alberta Electric System Operator
AIES	Alberta Interconnected Electric System
AUC	Alberta Utilities Commission
ESAs	Environmentally Significant Areas
HEEA	<i>Hydro and Electric Energy Act</i>
HRA	<i>Historical Resources Act</i>
NIA	Noise Impact Assessment
PIP	Participant Involvement Program

LIST OF MEASUREMENT UNITS

ha	hectares
km	kilometres
kV	kilovolt
m	metres

TS.1 Identify the sections of the *Hydro and Electric Energy Act* or *Transmission Deficiency Regulation* under which the application is made.

Capital Power hereby applies to the Alberta Utilities Commission (AUC) for approval to construct and operate a substation to support the Halkirk 2 Wind Power Project (the Project) pursuant to Section 14 of the *Hydro and Electric Energy Act* (HEEA: RSA 2000, c. H-16). This application is made subject to all applicable provisions of the *HEEA* and the *Alberta Utilities Commission Act* (SA 2007, c. A-37.2), and any regulations, orders, or Commission rules made pursuant to those Acts. This application has been prepared in accordance with *AUC Rule 007: Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments* (2016).

TS.2 Identify any other acts (e.g., *Environmental Protection and Enhancement Act*, *Water Act*, and *Wildlife Act*) that may affect the proposed project.

Capital Power anticipates that the Substation will require authorizations or approvals under the Acts and Regulations described in Table 2-1.

Table 2-1 Authorizations and Approvals Required for the Substation

Regulator	Act or Regulation	Application	Status
Provincial			
Alberta Culture and Tourism (ACT)	<i>Historical Resources Act (HRA)</i>	Statement of Justification (SoJ)	HRA clearance received February 8, 2017 (HRA number 4941-06-0008-002)
Municipal			
County of Paintearth	County of Paintearth Land Use Bylaw 593-09	Development Permit Application	Submission to the County of Paintearth expected in Q2 2017

TS.3 State the approvals that are being applied for from the Commission, and provide a draft of the permit(s) and license(s) being sought.

Capital Power is applying to the AUC pursuant to Section 14 of the *HEEA* to construct and operate a substation to support a nominal nameplate capacity 148 MW wind power project located approximately 5 kilometres (km) north of the existing Halkirk Wind Power Facility in the County of Paintearth, Alberta. A copy of the draft permit and licence is provided in Attachment A.

A separate application will be submitted, pursuant to Section 11 of the *HEEA*, for a permit to construct and a licence to operate the wind power project.

TS.4 Where existing facilities are being altered, discontinued, dismantled or removed state the existing order/authority (e.g., approvals, permits and licenses) for each facility.

The Project includes the construction and operation of a new Goldeye 620S Collector Substation (the Substation). Alterations to the existing Tinchebray 972S Substation, which is owned and operated by ATCO Electric, will be required to accommodate the Project. ATCO Electric will file a separate application to the AUC for any alterations required to the Tinchebray 972S Substation.

TS.5 Provide details and outcome of consultation with local jurisdictions (e.g., municipal districts, counties).

Since late 2015, Capital Power has been in regular contact with the County of Paintearth relating to development permitting for the Project, including ongoing communications with the County of Paintearth Development Officer and Chief Administrative Officer. This includes engagement with the County of Paintearth during its process to update its Land Use Bylaws (June 2016) related to wind energy conversion systems.

The County of Paintearth has been cooperative and helpful regarding Capital Power's processes related to Project development. The County of Paintearth has worked with the company, answered questions, provided guidance, shared lessons learned on their involvement with previous wind projects and facilitated processes related to the Project's requirements. Attached is a letter from the County of Paintearth detailing its contact with Capital Power to-date (Attachment C).

A summary of email correspondence, phone conversations, and Council presentations between Capital Power and the County of Paintearth representatives (and Council members) is provided in Section 4.3 of the Attachment C.

TS.6 Provide a list of companies that may be affected by the project, confirm that these companies have no concerns regarding the application, and indicate which other agreements are necessary to carry out the project.

Information on Capital Power's efforts to notify and engage various stakeholders potentially affected by the Project is provided in Section 4.0 of the Participation Involvement Program (PIP) Report (Attachment C). This includes a description of concerns raised by the stakeholders and how these concerns were addressed by Capital Power.

Discussions with ATCO Electric

Since January 2016, Capital Power has consulted with ATCO Electric on the following matters and considerations:

- Tinchebray 972S substation setback and existing 9L16 transmission line;
- Point-to-point communication between Tinchebray 972S and Cordel 755S substations;
- ATCO Electric's plans to potentially twin the Eastern Alberta Transmission Line; and
- Coordination of a new 9L177 transmission line between the Goldeye 620S and Tinchebray 972S substations.

A summary of consultation between Capital Power and ATCO Electric is provided in Attachment C (Section 4.4 and Appendix C-13: CP Contact with ATCO Electric [Summary Table]).

The transmission line and any proposed changes to the existing substation are subject to a separate application to the AUC by ATCO Electric, the intended Transmission Facility Operator. The transmission infrastructure, including any potential environmental effects, is outside of the scope of this Power Plant Application because it is directly assigned by the Alberta Electric System Operator (AESO) to ATCO Electric for planning, construction, and operation.

TS.7 Provide a description of the proposed project.

The Substation will be located in the northeast quarter section of Section 35, Township 39, Range 15 and west of the fourth meridian (NE 35-39-15 W4M; UTM: 428790 E, 5806451 N, NAD 83, Zone 12). The Substation will mainly consist of electrical equipment, including a power transformer, high and medium voltage circuit breakers and disconnect switches. The Substation area will be fenced to prevent unauthorized access. A control building will be located inside the Substation. The Substation will occupy an area of approximately 100 metres (m) by 60 m (0.6 hectares [ha]).

TS.8 Provide a copy of the ISO direct assignment letter pursuant to the *Electric Utilities Act*. Alternatively, if a needs identification document was not required, provide a copy of the ISO approval letter pursuant to the abbreviated needs approval process, or a statement that the project was exempt pursuant to Section 1.4.1(a) of this rule.

The most up to date functional specification for the Substation, submitted to and reviewed by the AESO, is provided in Attachment D.

TS.9 Give the dates by which both the approval and the proposed facilities are required; state the ramifications if they are not available at that time.

The anticipated construction schedule for the Project is outlined in Table 9-1. The schedule does provide some contingency for a potential delay in equipment arrival, and adverse weather conditions. If regulatory approval is substantially delayed, subsequent construction delays may result due to a corresponding construction start in unfavourable season/poor weather conditions that would prolong construction activities.

Table 9-1: Construction Schedule

Activity	Period ^(a)
Surveying	March 2018
Soil stripping and salvage	April – September 2018
Development of access roads	April – September 2018
Grading and installation of turbine foundations	April – September 2018
Installation of underground distribution	April – September 2018
Equipment lay down and assembly	August 2018
Assembly and erection of wind turbine generators	September – December 2018
Substation and Operations and Maintenance building	April – December 2018
Transmission line interconnection ^(b)	April – December 2018
Testing and commissioning	January – March 2019
In-service date	Q1 2019
Final clean-up and reclamation	Q2 – Q3 2019

^(a) Subject to change pending AUC approval and AESO Stage 4 Completion anticipated for February 2018 and March 2018, respectively

^(b) Pending ATCO Electric's transmission facility availability

- TS.10 Describe any transmission line routing alternatives to the proposal and compare the relative effects (environmental, social and economic) of these alternatives with the proposal.**
- Not applicable. This application is for a substation and does not include the transmission line interconnection. The transmission line required to connect the Project to the Alberta Interconnected Electric System (AIES) will be permitted, constructed and operated by ATCO Electric and is not part of the Project.
- TS.11 Describe the participant involvement program that you have conducted (see Appendix A1 – Participant involvement program guidelines).**
- The PIP for both the Project and the Substation were completed concurrently. Consultation for the Project has occurred in a manner that meets or exceeds the scope of the PIP described in AUC Rule 007, including direct consultation and notification activities. Participant involvement information is provided in the PIP Report (Attachment C).
- TS.12 List all occupants, residents and landowners, and other interested parties that were contacted as part of the participant involvement program, with corresponding land locations.**
- As described in Section 2.0 of Attachment C, Capital Power completed direct consultation and notification with occupants, residents, and landowners within an 800 m and 2,000 m radius (respectively) around the proposed Project Area.
- TS.13 Supply a list of mailing addresses, and two sets of printed mailing labels of those parties mentioned in TS.12 above.**
- The documentation requested and the printed mailing labels will be provided to AUC via mail.
- TS.14 Identify any persons who expressed concerns about the project and the specifics of their concerns.**
- No concerns were raised by stakeholders regarding the Substation at the time of filing this application. Stakeholder concerns and feedback received to date focused on the wind power plant components.
- TS.15 Summarize discussions held with potentially directly and adversely affected persons.**
- As described in TS.14, no concerns were raised by stakeholders regarding the Substation at the time of filing this application.
- TS.16 If potentially directly and adversely affected persons raised any concerns, describe how the concerns were dealt with or will be dealt with.**
- As described in TS.14, no concerns were raised by stakeholders regarding the Substation at the time of filing this application.

TS.17 For those potentially directly and adversely affected persons identified above, include a confirmation of resolution of the concerns, if applicable.

As described in TS.14, no concerns were raised by stakeholders regarding the Substation at the time of filing this application.

TS.18 Describe the design and operating voltage of the transmission line and/or substations.

The purpose of the Substation is to step up the collector system voltage from 34.5 kilovolts [kV] to the transmission system voltage of 240 kV.

TS.19 Provide the continuous and maximum ratings of the transmission line for the various operating conditions as stipulated by the ISO and the expected transmission line losses. Describe changes, if any, proposed by the TFO or market participant.

Not applicable. This application is for a substation and does not include the transmission line interconnection.

TS.20 If the ISO requires the TFO or market participant, who has been directly assigned for the proposed project, to determine the choice of conductors, describe conductor size and arrangement selected and the basis for conductor selection.

Not applicable. This application is for a substation and does not include the transmission line interconnection.

TS.21 Describe the proposed transmission line structure type, including height and spacing; if more than one type of structure is proposed, state where each type will be used.

Not applicable. This application is for a substation and does not include the transmission line interconnection.

TS.22 State the right-of-way width and the basis for determining the width.

Not applicable. This application is for a substation and does not include the transmission line interconnection.

TS.23 Describe all major substation equipment being applied for and list the final major equipment in the substation.

Major equipment proposed for the Substation is as follows:

- One (1) 240-kV step-up transformer rated at 100/133/167 MVA;
- One (1) 240-kV circuit breakers;
- Six (6) 34.5-kV circuit breakers;
- One (1) Control building containing protection, control, and telecommunication equipment;

- Potentially (1) set of 34.5 kV STATCOM equipment complete with capacitor bank; and
- All the above equipment will be surrounded by a chain-link fence.

TS.24 Describe the switching and protection features of the proposed transmission facilities.

The Substation will have industry standard isolation switches and protection features. Please refer to Figure 7.5 of Attachment D for the single-line diagram.

TS.25 Describe the electrical interaction of proposed lines with other facilities, such as pipelines, telephone, radio and television transmission facilities, and other surface structures.

The Substation will not have any electrical interaction with other facilities in the area.

TS.26 Describe the changes to existing facilities that would be required to accommodate the proposed facilities.

Not applicable. No changes to existing facilities are required to accommodate the Substation.

TS.27 Provide a legible map defining the study area and state the reasons for the chosen area.

The Substation will be located in NE 35-3915 W4M. The Project Area, shown in Figure 27-1, includes the Substation footprint and the rest of the Project Area. This study area was selected as it represents the area with a potential for direct effects from the Project, including the Substation.

TS.28 Provide legible maps and drawings of the proposed facilities showing:

- the preferred transmission line route and any alternative routes;
- right-of-way widths;
- location of the transmission line on the right-of-way;
- location of the transmission line relative to property lines; and
- mile (kilometre) points along each transmission line route.

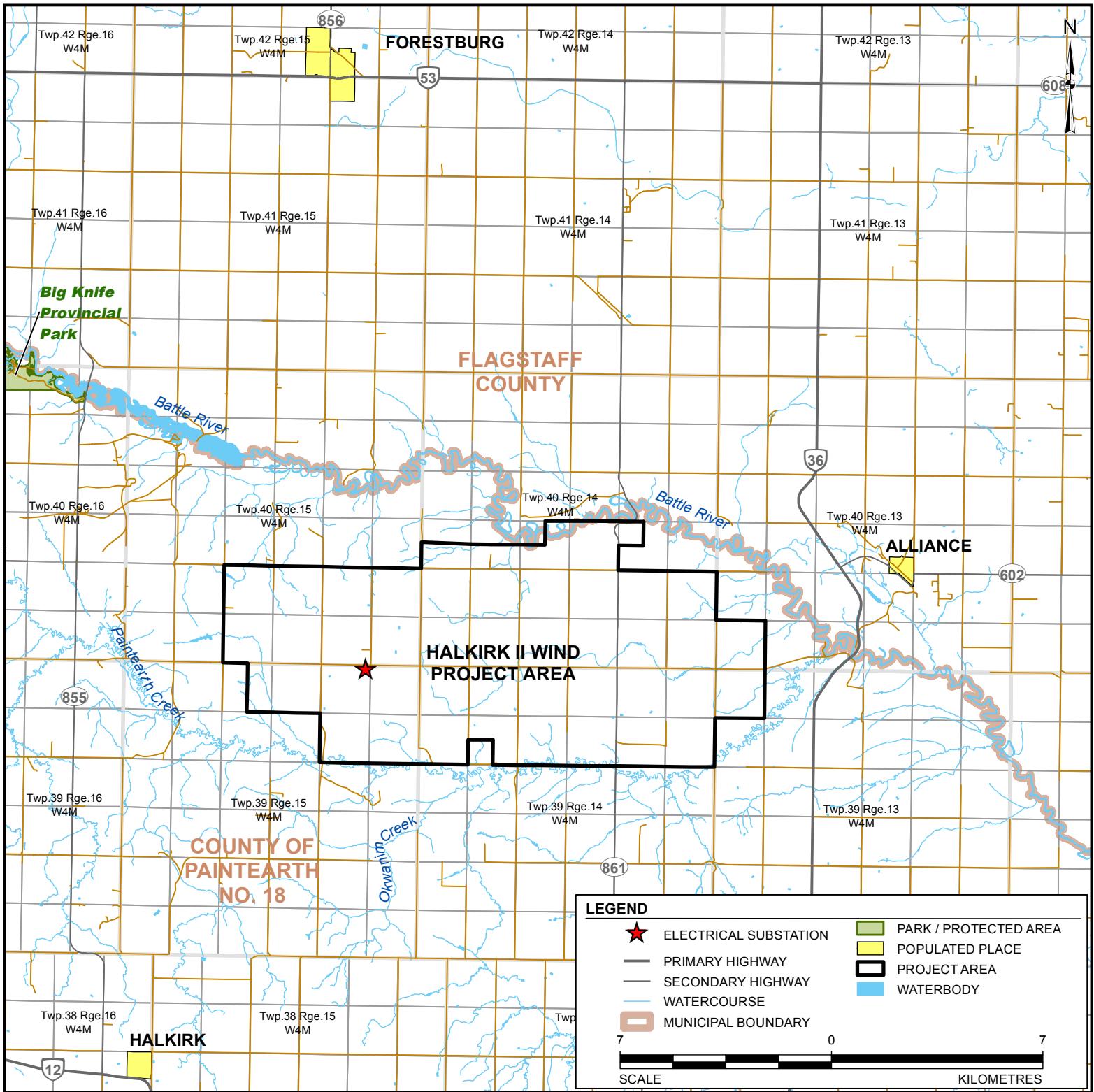
Not applicable. This application is for a substation and does not include transmission infrastructure.

TS.29 Provide legible maps and/or air photo mosaics upon which the proposed transmission line route or routes have been imposed and showing the residences, landowner names, and major land use and resource features (e.g., agricultural crops or pasture, topography, soil type, existing land use, existing rights-of-way, existing or potential historical, archaeological or paleontological sites, and superficial and mineable resources).

Not applicable. This application is for a substation and does not include transmission infrastructure.

TS.30 Provide a legible map of the project area suitable for use in a public notice.

A map of the Project Area suitable for use in a public notice is provided in Figure 30-1.



Project Area Map for Public Notice

Figure 30-1

- TS.31 Provide an electric single-line diagram or switching map showing new facilities in place in the system. In the case of a substation, provide an electric single-line diagram and a substation layout, including major items of equipment and the fenced boundaries of the station.**

The electric single-line diagram and substation layout are provided in Figure 7.5 of Attachment D.

- TS.32 Discuss the construction schedule, equipment and method of construction, and method of eventual right-of-way maintenance.**

The Substation consists primarily of electrical equipment including one power transformer, high and medium voltage circuit breakers, disconnect switches, and a control building. The Substation will occupy an area of approximately 200 m by 150 m (3 ha) during construction and approximately 100 m by 60 m (0.6 ha) during operation, within NE 35-39-15 W5M. The Substation site will be excavated to allow for the installation of a ground grid and the construction of concrete foundations. The final grade of the Substation will consist of gravel or rock that provides an insulating barrier to electric shock during an electrical fault. The Substation equipment will be mounted on the concrete and/or pile foundations and all metal components of the Substation will be connected to the ground grid. This area will be fenced to prevent unauthorized access.

Depending upon local conditions at the time of construction, it is anticipated to take approximately nine months to construct the Substation. Construction is expected to occur between April and December, 2018.

- TS.33 Provide the most up-to-date functional specifications when the application is filed and the final functional specification before construction of the project begins.**

The most up-to-date functional specification for the Substation, submitted to and reviewed by the AESO, is provided in Attachment D.

- TS.34 Provide a noise impact assessment in accordance with the current Rule 012 for new substations and transformer additions within an existing substation, clearly indicating the impact of the new substation and/or transformer addition.**

The Substation was included in the Noise Impact Assessment (NIA) report completed for the Project. The NIA report is provided in Attachment E.

- TS.35 Describe the clean-up and reclamation plan that will be carried out following commissioning, including any temporary workspace areas and temporary access roads.**

Garbage and debris will be collected and disposed of at an approved location. All construction equipment and vehicles will be removed from the construction area following the completion of construction.

Compacted soils will be de-compacted and stripped soils will be conserved and replaced and re-contoured at the temporary workspaces. Disturbed areas will be re-seeded as appropriate or left in a condition specified by the landowner.

Site clean-up and reclamation for the Project, including the Substation, will be conducted concurrently with construction, as appropriate. Reclamation will be conducted to meet the requirements of the County of Paintearth's Land Use Bylaw (No. 593-09).

- TS.36 Visual aesthetics and screening – indicate those areas that have been identified as significant viewpoints, describe how the project is predicted to adversely affect those viewpoints, and describe the measures proposed to minimize the visual effects of towers and the right-of-way within the viewpoint areas including the identification of project components and locations that require screening and the screening measures (e.g., fences, earth berms, painting, landscaping) to be used.**

Not applicable. The Substation will not affect significant viewpoints.

- TS.37 Tower location – indicate the flexibility available in locating towers to reduce the inconvenience to residents and their day-to-day activities.**

Not applicable. This application is for a substation and does not include the transmission line interconnection.

- TS.38 Confirm that a Historical Resources Act approval has been obtained or has been applied for. If a historical resource impact assessment is required, briefly describe any historical, archaeological or paleontological sites along the routes, with emphasis on major features close to or traversed by the route. Please ensure that any historical, archaeological or paleontological resources described exclude confidential site location, type and content information.**

A SoJ was prepared for the Project and submitted to ACT on January 6, 2017. On February 8, 2017, ACT provided *Historical Resources Act* clearance (HRA Number 4941-16-0008-002). A copy of the approval from ACT is provided in Attachment F.

- TS.39 For proposed route(s) and possible alternatives that will result in an adverse effect to the environment, provide a sign-off from AEP indicating that AEP has reviewed all environmental aspects of the project and is satisfied with the project as proposed in the application, or identify any unresolved project aspects where agreement with AEP was not achieved. Provide the following information at a level of detail commensurate with the size and type of potential effects:**

- i) Describe the present (pre-project) environmental and land use conditions in the local study area. Describe the regional setting of the project, including any regional land use plans and policies that apply to the development.**

The Project and the Substation are located within the County of Paintearth, in east-central Alberta. Highway 12 is south of the Project and Highway 36 is to the east. Secondary Highway 861 runs north-south through the eastern half of the Project.

The Substation is located in an area supporting oil and gas activity, including well sites and associated infrastructure (e.g., access roads and pipelines). Other regional infrastructure includes communication towers and transmission facilities. Overall, residential density is consistent with an agricultural area in rural Alberta. The town of Halkirk is located approximately 12 km south of the Substation.

The following regional land use plan and policies may apply to the Project:

- **Water Management Plan for the Battle River Basin:** The primary emphasis of this plan is on the need to live within the means of the watershed and the need to improve the health of the aquatic ecosystem (GOA 2014).
- **County of Paintearth No. 18 Land Use Bylaw No. 593-09, Part 7:** An application for a Wind Energy Conversion Systems must meet all the requirements in General Land Use Regulation No. 49.
- **County of Paintearth No. 18 Municipal Development Plan Volume Two – Goals and Policies:** States that the County will take measures to encourage the protection and management of Environmentally Significant Areas (ESAs) and conservation and enhancement of wildlife habitats (County of Paintearth No. 18 2004). Care will also be taken to ensure the areas of landscape value are not negatively impacted by visually intrusive developments (County of Paintearth No. 18 2004).

A detailed description of existing environmental and land use conditions within the Project Area is included in the Environmental Evaluation Report (Attachment G). Maps showing important environmental features and sensitive areas are included in Appendix A of the Environmental Evaluation Report.

- ii) **Describe how the proposed route(s) and possible alternatives and/or proposed substation are predicted to adversely affect the environment. Describe the potential adverse effects on soils, terrain, vegetation species and communities, wetlands, wildlife species and habitat, aquatic species and habitat, groundwater, surface water bodies and hydrology, environmentally sensitive areas, and land use within the local study area, following and referencing published AEP guidelines if applicable. Describe how the environmental effects of the project will be avoided or mitigated and any monitoring proposed to evaluate the efficacy of those measures. Additionally, describe the methodology used to identify, evaluate, and rate any adverse environmental effects and determine their significance, along with an explanation of the scientific rationale for choosing this methodology.**

Provide supporting written discussion with other government agencies related to the adverse effects upon each major environmental, land use and resource component for each route. For example, if the project will potentially affect wildlife, fisheries, wildlife habitat or fisheries habitat, a local AEP wildlife biologist must be consulted prior to route selection of alternatives to ensure that fisheries and wildlife habitat values have been considered. Details and outcomes of the consultation, with the local wildlife biologist at AEP, including the name and contact information, and with personnel from other agencies or groups must be provided.

The potential environmental effects of the Project, proposed mitigation, residual effects, and proposed monitoring programs are described in Section 3.0 and 4.0 of the Environmental Evaluation Report (Attachment G). The Environmental Evaluation Report and the Post-Construction Monitoring and Mitigation Plan (Attachment H) were submitted to the AEP on February 23, 2017 for their review and sign-off. Capital Power met with AEP on March 14, to discuss the project design, the results of the Environmental Evaluation Report and the Post-Construction Monitoring and Mitigation Plan. AEP regional biologist requested clarification on predicted adverse effects to native prairie and wetlands and further information on the acoustic bat monitoring data. This information was provided in an Addendum to the Environmental Evaluation Report on March 29, 2017 (Attachment I), and AEP provided a Renewable Energy Referral Report (sign-off) for the project on April 13, 2017 (Attachment J).

- iii) **Show the major environmental features (e.g. native vegetation communities, rare plants, wetlands, topography, unique terrain features, sensitive soils, wildlife species setbacks and habitat, and environmentally significant areas), land use and resource features (e.g., agricultural, residential, recreational, forestry, trapping and hunting areas, protective notations, and existing or potential archaeological sites) for each route in a table in the correct units (by kilometer, total number, etc.).**

Not applicable to a substation application.

- iv) **Present an overall comparison of the environmental effects and costs associated with the alternative routes and proposed route and identify the environmentally preferred route.**

Not applicable to a substation application.

- v) **Summarize any discussions held with municipalities to ensure compatibility of the proposed facility with various municipal services if a proposed transmission line passes through or immediately adjacent to an urban center.**

Not applicable to a substation application.

TS.40 If the project site occurs within the plan boundaries of a regional land use plan in force:

- i) **Confirm that the proposed project is being developed in accordance with the applicable regional land use plan.**
- ii) **Confirm if the proposed project is in a conservation area or provincial recreation area established in the applicable regional land use plan. Provide submissions describing how the activity may be considered incidental to a previously-approved activity.**
- iii) **Indicate what, if any, management frameworks in place under the applicable regional land use plan are applicable to the project, the reason why any management frameworks are not applicable to the project and summarize discussions held with AEP and any other government department required to be consulted under the management**

frameworks regarding the project and its impacts in terms of the management frameworks. Include details on any actions or mitigation measures recommended as a result of the discussions and describe how these actions or mitigation measures will be incorporated into the project.

At the time of preparing this application, development of a land-use plan for the Red Deer Region had not been initiated by AEP (AEP 2017).

- TS.41** **If the project is to be constructed within an area of a substation for which approval is being sought where, upon appropriate assessment, the proponent is aware of or ought to be aware that a substance that may cause, is causing or has caused an adverse effect to the environment has been released, indicate the nature of the reportable release, how the release was administered and reported, and how any resultant or ongoing effects will be administered or contained with regard to the proposed project.**

Not applicable.

- TS.42** **For applications to discontinue service, dismantle or remove a transmission line provide information on: the salvage, remediation and reclamation work to be performed; assessment of contamination; legislative requirements or other published guidelines that will be adhered to or considered.**

Not applicable. No changes to existing facilities are required to accommodate the Substation.

- TS.43** **Provide a detailed cost breakdown of all alternatives on a common basis with an accuracy tolerance within plus 20 per cent minus 10 per cent. This cost breakdown must be provided in the format shown in Appendix B2, which reflects the summary page of the cost template used in the ISO cost estimating framework (ISO Rule 9.1.2). Where identifiable, include costs to be borne by persons other than the applicant and the applicant's customer(s) in the comparison. This information requirement may not be applicable to market participant choice and merchant line applications.**

The Substation development will be fully funded by Capital Power and since this is a private facility, Capital Power has elected not to disclose the cost of the Substation. Capital Power will fund ATCO Electric for the required development at Tinchebray 972S, Nevis 766S, and the 240 kV transmission line (9L177) to support the Project, as well as, AltaLink for the required development at Buffalo Creek 526S and Edgerton 899S to connect the Project. This information will be provided in ATCO Electric's and AltaLink's Transmission Line and Substation Facilities Applications.

TS.44 If the applicant is a market participant, the applicant must (i) provide confirmation that all required agreements are in place with the TFO including the asset transfer agreement, the written agreement with the TFO for the temporary operation of the transmission facility, if available, and confirmation of ISO approval of the connection proposal; and (ii) specify the temporary period for which the market participant expects to hold the operating licence, which period may not exceed the term specified in the written agreement with the TFO for the temporary operation of the transmission facility. If the written agreement with the TFO for the temporary operation of the transmission facility is not available at the time of filing the application, the market participant must provide confirmation that the agreement is in place prior to energization.

Not applicable.

References

- AEP (Alberta Environment and Parks). 2017. Red Deer Region. Available on-line:
<https://landuse.alberta.ca/RegionalPlans/RedDeerRegion/Pages/default.aspx>
- AUC (Alberta Utilities Commission). 2013. *Rule 012: Noise Control*.
- AUC. 2016. *Rule 007: Applications for Power Plants, Substations, Transmission Lines and Industrial System Designations and Hydro Developments*.
- County of Paintearth No. 18. 2004. Municipal Development Plan. Available at:
<http://www.countypaintearth.ca/PDF/LUB/County%20of%20Paintearth%20LUB%20-%20Amended%20January%202015.pdf>. Accessed February 1, 2016.
- Government of Alberta. 2014. Approved Water Management Plan for Battle River Basin (Alberta). July 2014. Available on-line: <http://aep.alberta.ca/water/programs-and-services/river-management-frameworks/battle-river-water-management-plan.aspx>.

ATTACHMENT A

DRAFT APPROVAL

ATTACHMENT B

LETTER FROM THE COUNTY OF PAINTEARTH

ATTACHMENT C

PARTICIPANT INVOLVEMENT PROGRAM

ATTACHMENT D

FUNCTIONAL SPECIFICATION

ATTACHMENT E

NOISE IMPACT ASSESSMENT

ATTACHMENT F

HISTORICAL RESOURCE ACT CLEARANCE

ATTACHMENT G

ENVIRONMENTAL EVALUATION

ATTACHMENT H

POST-CONSTRUCTION MONITORING AND MITIGATION PLAN

ATTACHMENT I

ENVIRONMENTAL EVALUATION ADDENDUM

ATTACHMENT J

ALBERTA ENVIRONMENT AND PARKS REFERRAL LETTER