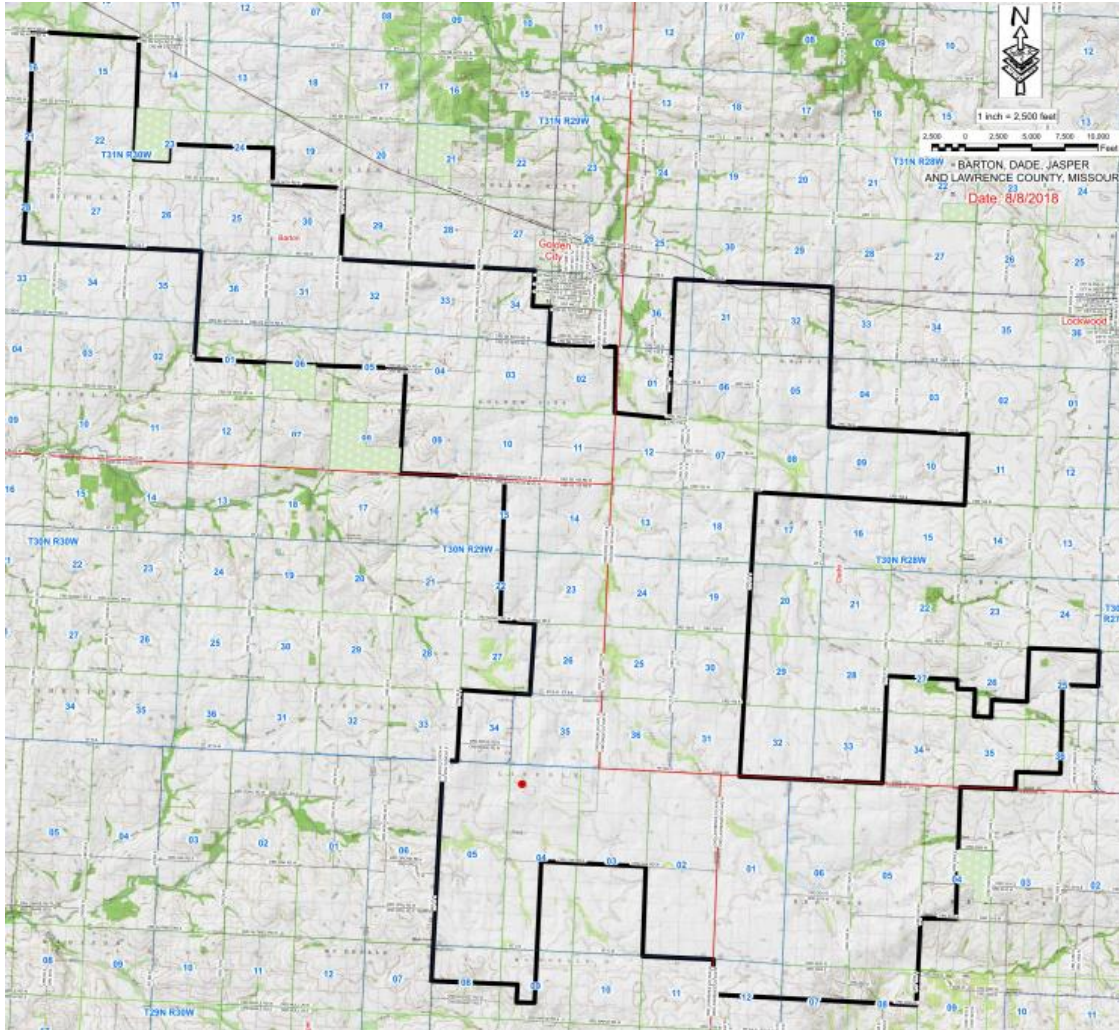


Kings Point Wind Project

Barton, Dade, Jasper and Lawrence Counties, Missouri



*Project Progress Report No. 2
June - August 2019*

****Indicates Confidential** Pursuant to 20 CSR 4240-2.135(2)(A)5**
***HC*Indicates Highly Confidential*HC* Pursuant to 20 CSR 4240-2.135(4)**



Liberty Utilities – Empire District
602 S. Joplin Ave.
Joplin, MO 64802

Kings Point Wind Project Project Progress Report No. 2

June - August 2019

Contents

1.0	Summary	1
2.0	Safety.....	1
3.0	Project Schedule.....	1
4.0	Development Activities	2
5.0	Construction Activities	4
6.0	Project Cost Report	4
7.0	Progress Photos.....	6
	Appendices.....	7

1.0 Summary

Both Seller and Liberty Utilities satisfied contractual milestones during the reporting period. Continued delays in the Southwest Power Pool's interconnection study process have delayed satisfaction of that milestone. Wildlife studies required for permits continued throughout the reporting period. Engineering during the report period was largely focused on the electrical systems. Tenaska also issued a limited notice to proceed to Mortenson to begin procurement of long lead time items.

2.0 Safety

No safety incidents to report at this time. More detailed reports regarding safety will be provided in the future, especially following the commencement of construction activities.

3.0 Project Schedule

Contractual milestones achieved during the report period are as follows:

- *Seller:*
 - *Execute EPC Agreement – August 30*
- *Liberty Utilities:*
 - *Receive FAA determinations of not hazard for turbine sites sufficient to construct the project – June 26*

One contractual milestone was not achieved by its deadline date during this period – the interconnection agreement was not received by August 1. This activated Tenaska's right to terminate the purchase and sale agreement. Liberty and Tenaska have extended the termination period, allowing time to negotiate amendments to the PSA extending that milestone. Receipt of the interconnection agreement is now expected in mid-October.

Contractual milestones to be achieved in the next report period (September – November 2019) and their deadlines are as follows: *HC*

HC

Liberty has made sufficient progress to achieve the milestone due in the next reporting period. There are some indications that delays to the Section 404 Clean Water Act permit may delay satisfaction of the milestone due in the next reporting period. Such a delay may require changes to the construction

schedule or methods of execution in order to achieve commercial operations on or before December 31, 2020, thereby receiving the full value of Production Tax Credits available to the project.

A more detailed schedule analysis will be provided in future reports following commencement of construction activities.

4.0 Development Activities

Development activities for the period were focused on permitting – most significantly the Section 404 Clean Water Act permit, which is a precursor to the start of construction. Wildlife conservation permitting efforts also advanced significantly during the report period.

The 2019 bat monitoring campaign began on March 1 and continued throughout the report period. Eagle use surveys were performed monthly during the report period as well. Mist-netting and telemetry of gray bats, including aerial tracking, was performed in June. The expanded ground-based acoustic monitoring network was deployed and monitored during this reporting period. The aerial tracking and expanded acoustic monitoring were performed as requested by the U.S. Fish and Wildlife Service (USFWS) at a May 13 meeting with Liberty Utilities and Stantec. The aerial tracking was intended to locate any previously unidentified gray bat colonies. As suspected, all bats netted in the project area returned to the colony at Stinson Cave.

Liberty provided a draft eagle conservation plan (ECP) to the USFWS in April. USFWS returned comments to Liberty in June, and Liberty met with the USFWS at their office in Columbia, MO on June 28 to discuss the ECP, as well as the habitat conservation plan. The PSA deadline for final draft ECP is October 1, 2019.

Noise and shadow flicker studies, the Project Implementation Agreements, and the agreement between MDC and Liberty required some changes to the project layout. Some of these changes required relocations of turbine sites beyond the distance allowed under the determinations of no hazard (DNH) received from the FAA. These relocations were filed with the FAA in May, and final DNHs were received on June 26.

During the course of the cultural resource survey to prepare the U.S. Army Corps of Engineers (USACE) pre-construction notice (PCN), Stantec identified a potentially significant cultural resource on the generation tie line route. Tenaska ordered a more intensive survey of the site, which was completed in mid-June. Based on the results of this survey, Liberty and Tenaska opted to re-route the generation tie line. This was in recognition of the sensitivity of such a site and a desire to avoid Native American-impacted lands as it could present delays in receipt of the Section 404 permit, which is a prerequisite to construction. The updated cultural resource information and the new line route were provided to the USACE in July as an addendum to the PCN. USACE sent the PCN and addendum to the Missouri State Historic Preservation Office and a number of Native American nations. On August 7, the Osage Nation provided comments on the PCN for North Fork Ridge to USACE. The Osage requested GIS data for North

Fork Ridge for review, and Tenaska provided the data for Kings Point as well, assuming it would eventually be requested. As of the end of the report period, no official consultation had been scheduled. USACE has been clear that no permit will be issued until consultation with the Osage is complete.

Due to significant delays in the Southwest Power Pool's (SPP) interconnection study process, Liberty filed an interim interconnection request in November. Unfortunately, this process was significantly delayed, and in February, Liberty, Tenaska and Apex Clean Energy met with SPP in Little Rock to discuss allowing interconnection customers to hire a contractor to perform interim interconnection studies. Burns & McDonnell (BMCD) was contracted to complete the studies and commenced performance on their scope of work on April 11. During the reporting period, significant problems arose with the stability model. Some model files would crash, while others failed to initialize. Unfortunately, SPP waited three weeks before notifying Liberty or BMCD of the problem right before the August 1 milestone deadline. The problem was eventually traced to inconsistencies in the generator models provided by Vestas. Then in mid-August, SPP decided it must coordinate on the projects with Associated Electric Cooperative, Inc. (AECI). AECI requested 120 days to study the impact of interconnection of Kings Point, North Fork Ridge and Neosho Ridge on its system. BMCD was able to provide a screening-level analysis of the impact to AECI that satisfied them, considering that these are only interim interconnection requests and will still have to go through SPP's full system impact studies before receiving permanent interconnection service. As of the end of the reporting period, a draft interim GIA has not been received but is currently expected in mid-October.

5.0 Construction Activities

Construction activities during the report period largely consisted of engineering.

The project substation design advanced, with both 30% and 60% design packages delivered during the report period. The 30% design package for the collection system was also delivered during the report period.

Mortenson, the EPC contractor, presented an opportunity to save cost on the collection system to Liberty in June. Liberty's original specification allowed maximum current on the collection system to be 90% of the cable's rated ampacity. Mortenson demonstrated that this was more conservative than industry practice and that allowing current to be up to 95% (in line with industry standards) of the ampacity rating would reduce collection quantities and saving cost. Liberty approved this variance to the specification.

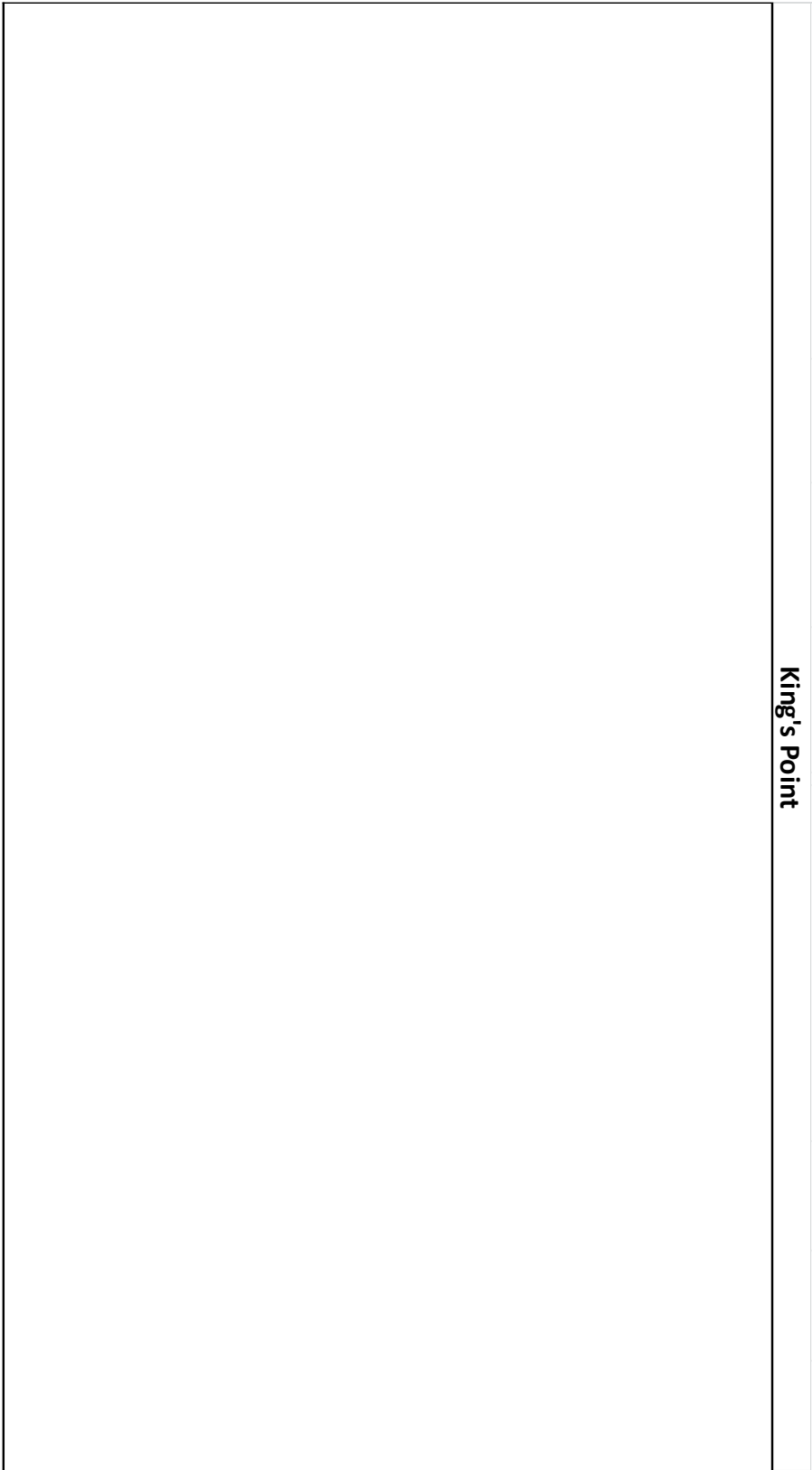
In June, Tenaska issued a limited notice to proceed (LNTP) to Mortenson to procure long lead time items. At this time, there is a resource constraint on rebar, anchor bolts and other foundation embeds, and this LNTP was necessary to protect the construction schedule.

Field geotechnical investigations were completed for relocated turbine sites, as well as some turbine sites that could not be accessed during initial geotechnical surveys due to wet field conditions. As a result of these investigations, seven primary turbine sites were eliminated from the preferred turbine array due to karst. Alternate turbine sites were nominated as replacements. This substitution increased the length of collection cable required, but also increased modelled production due to reduced wake effects.

Black & Veatch delivered a draft wind resource assessment and energy production report and a draft congestion/curtailment report for the project in June.

6.0 Project Cost Report

Expenditures during the report period totaled **** _____ ****. Project expenditures to date are **** _____ **** of the total budgeted expenditure of **** _____ ****. There have been no increases to the anticipated total capital expense at completion. See the next page for a report detailing expenses by budget category.



* HC * Highly Confidential in its Entirety * HC *
King's Point

7.0 Progress Photos

No photographs to share at this time.

Appendices



Stantec Consulting Services Inc.
6800 College Boulevard, Overland Park KS 66211

July 3, 2019

Mr. Drew Landoll, P.E.
Senior Manager of Strategic Projects
Empire District – Liberty Utilities Central
602 S. Joplin Ave.
Joplin, MO 64801

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: June 2019

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in June and activities anticipated in July 2019.

NORTH FORK RIDGE (NFR) TASKS

Task 201 – NFR Project Management

A summary for Task 201 is provided below:

- June Charges - \$5,309
- \$30,000 Approved Budget
- \$19,920 Cost-to-Date
- June Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming July Activities
 - Conference calls
 - Emails
 - Internal and external meetings



July 3, 2019
Page 2 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

Task 202 – NFR Eagle Use Survey

A summary for Task 202 is provided below:

- June Charges - \$2,904
- \$58,500 Approved Budget
- \$18,964 Cost-to-Date
- June Activity
 - Completed monthly field surveys
- Upcoming July Activities
 - Monthly field survey

Task 203 – NFR Aerial Nest Survey

A summary for Task 203 is provided below:

- June Charges - \$0
- \$45,000 Approved Budget
- \$35,084 Cost-to-Date
- June Activity
 - None; task complete
- Upcoming July Activities
 - None

Task 204 – NFR Avian Migration Survey

A summary for Task 204 is provided below:

- June Charges - \$2,486
- \$20,000 Approved Budget
- \$11,865 Cost-to-Date
- June Activity
 - Data Management
 - Report Writing
- Upcoming July Activities
 - Data Management



July 3, 2019
Page 3 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

- Report writing

Task 205 – NFR Raptor Migration Surveys

A summary for Task 205 is provided below:

- June Charges - \$770
- \$14,000 Approved Budget
- \$7,110 Cost-to-Date
- June Activity
 - Data management
 - Report Writing
- Upcoming July Activities
 - Data management
 - Report Writing

Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 206 is provided below:

- June Charges - \$5,497
- \$43,800 Approved Budget
- \$22,327 Cost-to-Date
- June Activities
 - Data card downloads
 - Data management
- Upcoming July Activities
 - Data card downloads
 - Data management

Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 207 is provided below:

- June Charges - \$2,854
- \$99,900 Approved Budget



July 3, 2019
Page 4 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

- \$3,414 Cost-to-Date
- June Activity
 - Field prep and planning
- Upcoming July Activity
 - Field surveys

Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 208 is provided below:

- June Charges - \$773
- \$30,900 Approved Budget
- \$7,328 Cost-to-Date
- June Activities
 - Data management
- Upcoming July Activities
 - Data management

Task 209 – NFR Habitat Conservation Plan

A summary for Task 209 is provided below:

- June Charges - \$4,541
- \$97,700 Approved Budget
- \$35,798 Cost-to-Date
- June Activities
 - Agency meeting
 - Report writing and research
- Upcoming July Activity
 - Addressing agency comments
 - Completing second draft of HCP



July 3, 2019
Page 5 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

Task 210 – NFR Eagle Conservation Plan

A summary for Task 210 is provided below:

- June Charges - \$5,166
- \$53,700 Approved Budget
- \$13,600 Cost-to-Date
- June Activities
 - Agency meeting
- Upcoming July Activities
 - Addressing agency comments
 - Preparing second draft of ECP

Task 211 – NFR Bird and Bat Conservation Strategy

A summary for Task 211 is provided below:

- June Charges - \$0
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- June Activity
 - None
- Upcoming July Activity
 - Writing draft template report

Task 212 – NFR National Environmental Policy Act (NEPA)

A summary for Task 212 is provided below:

- June Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- June Activity
 - None
- Upcoming July Activity
 - None



July 3, 2019
Page 6 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

Task 213 – NFR REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- June Charges - \$4,389
- \$58,900 Approved Budget
- \$4,389 Cost-to-Date
- June Activity
 - Field prep
- Upcoming July Activity
 - Field survey
 - Data management
 - Report writing

KINGS POINT (KP) TASKS

Task 301 – KP Project Management

A summary for Task 301 is provided below:

- June Charges - \$5,233
- \$30,000 Approved Budget
- \$14,354 Cost-to-Date
- June Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming July Activities
 - Conference calls
 - Emails
 - Internal and external meetings



July 3, 2019
Page 7 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

Task 302 – KP Eagle Use Survey

A summary for Task 302 is provided below:

- June Charges - \$4,899
- \$73,700 Approved Budget
- \$28,671 Cost-to-Date
- June Activity
 - Completed monthly field surveys
- Upcoming July Activities
 - Monthly field survey

Task 303 – KP Aerial Nest Survey

A summary for Task 303 is provided below:

- June Charges - \$0
- \$51,300 Approved Budget
- \$42,146 Cost-to-Date
- June Activity
 - None; task complete
- Upcoming July Activities
 - None

Task 304 – KP Avian Migration Survey

A summary for Task 304 is provided below:

- June Charges - \$2,512
- \$20,000 Approved Budget
- \$12,324 Cost-to-Date
- June Activity
 - Data management
 - Report writing
- Upcoming July Activities
 - Data management



July 3, 2019
Page 8 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

- Report writing

Task 305 – KP Raptor Migration Surveys

A summary for Task 305 is provided below:

- June Charges - \$0
- \$14,000 Approved Budget
- \$5,795 Cost-to-Date
- June Activity
 - None
- Upcoming July Activities
 - Data management
 - Report writing

Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 306 is provided below:

- June Charges - \$4,375
- \$52,100 Approved Budget
- \$20,576 Cost-to-Date
- June Activities
 - Data card downloads
 - Data management
- Upcoming July Activities
 - Data card downloads
 - Data management

Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 307 is provided below:

- June Charges - \$31,646
- \$143,700 Approved Budget
- \$32,387 Cost-to-Date



July 3, 2019
Page 9 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

- June Activity
 - Field prep
 - Field Surveys
- Upcoming July Activity
 - Data management
 - Report writing
 - Subcontractor invoice for aerial tracking (ESI)

Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 308 is provided below:

- June Charges - \$865
- \$24,000 Approved Budget
- \$7,029 Cost-to-Date
- June Activities
 - Data management
- Upcoming July Activities
 - Data management

Task 309 – KP Habitat Conservation Plan

A summary for Task 309 is provided below:

- June Charges - \$4,049
- \$97,700 Approved Budget
- \$38,376 Cost-to-Date
- June Activity
 - Internal communication
 - Agency communication
 - Draft report writing
- Upcoming July Activity
 - Address agency comments to draft HCP
 - Prepare second draft of HCP



July 3, 2019
Page 10 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

Task 310 – KP Eagle Conservation Plan

A summary for Task 310 is provided below:

- June Charges - \$4,404
- \$53,700 Approved Budget
- \$21,440 Cost-to-Date
- June Activities
 - Agency meeting
- Upcoming July Activities
 - Addressing agency comments
 - Preparing second draft of ECP

Task 311 – KP Bird and Bat Conservation Strategy

A summary for Task 311 is provided below:

- June Charges - \$0
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- June Activity
 - None
- Upcoming July Activity
 - Writing draft template report

Task 312 – KP National Environmental Policy Act (NEPA)

A summary for Task 312 is provided below:

- June Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- June Activity
 - None
- Upcoming July Activity



July 3, 2019
Page 11 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: June 2019

- None

Task 313 – KP REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- June Charges - \$11,347
- \$58,900 Approved Budget
- \$11,347 Cost-to-Date
- June Activity
 - Field prep
 - Field survey
 - Data management
- Upcoming July Activity
 - Data management
 - Report writing

The June invoice to Empire District for Kings Point is expected to be \$103,964.23 which will be provided by July 10, 2019. The July invoice is expected to be approximately \$80,000. All work is authorized by PO 159276. Note that change orders for Task 207 and 307 were approved. In addition, Task 213 and 313 are new and were approved under the same PO number (159276). Detailed project financial information can be found in Attachment A.

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or ryan.hrabe@stantec.com.

Sincerely,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in black ink that reads "Ryan Hrabe".

Ryan Hrabe
Project Manager



Stantec Consulting Services Inc.
6800 College Boulevard, Overland Park KS 66211

August 7, 2019

Mr. Drew Landoll, P.E.
Senior Manager of Strategic Projects
Empire District – Liberty Utilities Central
602 S. Joplin Ave.
Joplin, MO 64801

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: July 2019

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in July and activities anticipated in August 2019.

NORTH FORK RIDGE (NFR) TASKS

Task 201 – NFR Project Management

A summary for Task 201 is provided below:

- July Charges - \$552
- \$30,000 Approved Budget
- \$20,472 Cost-to-Date
- July Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming August Activities
 - Conference calls
 - Emails
 - Internal and external meetings



August 7, 2019

Page 2 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

Task 202 – NFR Eagle Use Survey

A summary for Task 202 is provided below:

- July Charges - \$3,742
- \$58,500 Approved Budget
- \$22,706 Cost-to-Date
- July Activity
 - Completed monthly field surveys
- Upcoming August Activities
 - Monthly field survey

Task 203 – NFR Aerial Nest Survey

A summary for Task 203 is provided below:

- July Charges - \$0
- \$45,000 Approved Budget
- \$35,084 Cost-to-Date
- July Activity
 - None; task complete
- Upcoming August Activities
 - None

Task 204 – NFR Avian Migration Survey

A summary for Task 204 is provided below:

- July Charges - \$3,467
- \$20,000 Approved Budget
- \$15,332 Cost-to-Date
- July Activity
 - Data Management
 - Report Writing
- Upcoming August Activities
 - Data Management



August 7, 2019

Page 3 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- Report writing

Task 205 – NFR Raptor Migration Surveys

A summary for Task 205 is provided below:

- July Charges - \$714
- \$14,000 Approved Budget
- \$7,824 Cost-to-Date
- July Activity
 - Data management
 - Report Writing
- Upcoming August Activities
 - Data management
 - Report Writing

Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 206 is provided below:

- July Charges - \$3,093
- \$43,800 Approved Budget
- \$25,420 Cost-to-Date
- July Activities
 - Data card downloads
 - Data management
- Upcoming August Activities
 - Data card downloads
 - Data management

Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 207 is provided below:

- July Charges - \$51,772
- \$146,949 Approved Budget



August 7, 2019

Page 4 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- \$55,186 Cost-to-Date
- July Activity
 - Field Surveys
- Upcoming August Activity
 - Data Management
 - Report Writing

Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 208 is provided below:

- July Charges - \$0
- \$30,900 Approved Budget
- \$7,328 Cost-to-Date
- July Activities
 - None
- Upcoming August Activities
 - Detector Deployment

Task 209 – NFR Habitat Conservation Plan

A summary for Task 209 is provided below:

- July Charges - \$5,683
- \$97,700 Approved Budget
- \$41,472 Cost-to-Date
- July Activities
 - Report writing and research
- Upcoming August Activity
 - Report writing and research
 - Completing second draft of HCP



August 7, 2019

Page 5 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

Task 210 – NFR Eagle Conservation Plan

A summary for Task 210 is provided below:

- July Charges - \$5,445
- \$53,700 Approved Budget
- \$19,045 Cost-to-Date
- July Activities
 - Addressing agency comments
 - Preparing second draft of ECP
- Upcoming August Activities
 - Addressing agency comments
 - Report writing
 - Agency meeting

Task 211 – NFR Bird and Bat Conservation Strategy

A summary for Task 211 is provided below:

- July Charges - \$3,768
- \$40,300 Approved Budget
- \$7,050 Cost-to-Date
- July Activity
 - Writing draft template report
- Upcoming August Activity
 - Writing draft template report

Task 212 – NFR National Environmental Policy Act (NEPA)

A summary for Task 212 is provided below:

- July Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- July Activity



August 7, 2019

Page 6 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- None
- Upcoming August Activity
 - None

Task 213 – NFR REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- July Charges - \$35,322
- \$58,900 Approved Budget
- \$39,711 Cost-to-Date
- July Activity
 - Field prep
 - Field survey
 - Data management
- Upcoming August Activity
 - Data management
 - Report writing

KINGS POINT (KP) TASKS

Task 301 – KP Project Management

A summary for Task 301 is provided below:

- July Charges - \$1,228
- \$30,000 Approved Budget
- \$15,582 Cost-to-Date
- July Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming August Activities
 - Conference calls



August 7, 2019

Page 7 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- Emails
- Internal and external meetings

Task 302 – KP Eagle Use Survey

A summary for Task 302 is provided below:

- July Charges - \$5,663
- \$73,700 Approved Budget
- \$34,334 Cost-to-Date
- July Activity
 - Completed monthly field surveys
- Upcoming August Activities
 - Monthly field survey

Task 303 – KP Aerial Nest Survey

A summary for Task 303 is provided below:

- July Charges - \$0
- \$51,300 Approved Budget
- \$42,146 Cost-to-Date
- July Activity
 - None; task complete
- Upcoming August Activities
 - None

Task 304 – KP Avian Migration Survey

A summary for Task 304 is provided below:

- July Charges - \$1,779
- \$20,000 Approved Budget
- \$14,103 Cost-to-Date
- July Activity
 - Data management



August 7, 2019

Page 8 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- Report writing
- Upcoming August Activities
 - Data management
 - Report writing

Task 305 – KP Raptor Migration Surveys

A summary for Task 305 is provided below:

- July Charges - \$2,675
- \$14,000 Approved Budget
- \$8,470 Cost-to-Date
- July Activity
 - Data management
 - Report writing
- Upcoming August Activities
 - Data management
 - Report writing

Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 306 is provided below:

- July Charges - \$5,476
- \$52,100 Approved Budget
- \$26,052 Cost-to-Date
- July Activities
 - Data card downloads
 - Data management
 - Detector replacement
- Upcoming August Activities
 - Data card downloads
 - Data management



August 7, 2019

Page 9 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 307 is provided below:

- July Charges - \$8,454
- \$151,086 Approved Budget
- \$40,841 Cost-to-Date
- July Activity
 - Field prep
 - Field Surveys
- Upcoming August Activity
 - Data management
 - Report writing
 - Subcontractor invoice for aerial tracking (ESI)

Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 308 is provided below:

- July Charges - \$0
- \$24,000 Approved Budget
- \$7,029 Cost-to-Date
- July Activities
 - None
- Upcoming August Activities
 - Detector deployment

Task 309 – KP Habitat Conservation Plan

A summary for Task 309 is provided below:

- July Charges - \$5,378
- \$97,700 Approved Budget
- \$43,754 Cost-to-Date
- July Activity



August 7, 2019

Page 10 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- Address agency comments to draft HCP
- Prepare second draft of HCP
- Upcoming August Activity
 - Prepare second draft of HCP

Task 310 – KP Eagle Conservation Plan

A summary for Task 310 is provided below:

- July Charges - \$10,586
- \$53,700 Approved Budget
- \$32,026 Cost-to-Date
- July Activities
 - Addressing agency comments
 - Preparing draft of ECP
- Upcoming August Activities
 - Preparing draft of ECP

Task 311 – KP Bird and Bat Conservation Strategy

A summary for Task 311 is provided below:

- July Charges - \$4,042
- \$40,300 Approved Budget
- \$7,324 Cost-to-Date
- July Activity
 - Writing draft template report
- Upcoming August Activity
 - Writing draft template report

Task 312 – KP National Environmental Policy Act (NEPA)

A summary for Task 312 is provided below:

- July Charges - \$0
- \$84,900 Approved Budget



August 7, 2019

Page 11 of 15

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: July 2019

- \$0 Cost-to-Date
- July Activity
 - None
- Upcoming August Activity
 - None

Task 313 – KP REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- July Charges - \$20,879
- \$58,900 Approved Budget
- \$32,226 Cost-to-Date
- July Activity
 - Field prep
 - Field survey
 - Data management
- Upcoming August Activity
 - Data management
 - Report writing

The July invoice to Empire District for Kings Point is expected to be \$179,713 which will be provided by August 10, 2019. The August invoice is expected to be approximately \$135,000. All work is authorized by PO 159276. Detailed project financial information can be found in Attachment A.

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or ryan.hrabe@stantec.com.

Sincerely,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in black ink that reads "Ryan Hrabe".

Ryan Hrabe
Project Manager



Stantec Consulting Services Inc.
6800 College Boulevard, Overland Park KS 66211

September 3, 2019

Mr. Drew Landoll, P.E.
Senior Manager of Strategic Projects
Empire District – Liberty Utilities Central
602 S. Joplin Ave.
Joplin, MO 64801

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: August 2019

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in August and activities anticipated in September 2019.

NORTH FORK RIDGE (NFR) TASKS

Task 201 – NFR Project Management

A summary for Task 201 is provided below:

- August Charges - \$5,072
- \$30,000 Approved Budget
- \$25,544 Cost-to-Date
- August Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming September Activities
 - Conference calls
 - Emails
 - Internal and external meetings



September 3, 2019

Page 2 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

Task 202 – NFR Eagle Use Survey

A summary for Task 202 is provided below:

- August Charges - \$4,946
- \$58,500 Approved Budget
- \$27,652 Cost-to-Date
- August Activity
 - Completed monthly field surveys
- Upcoming September Activities
 - Monthly field survey for EOPs that do not have 24 months of survey

Task 203 – NFR Aerial Nest Survey

A summary for Task 203 is provided below:

- August Charges - \$0
- \$45,000 Approved Budget
- \$35,084 Cost-to-Date
- August Activity
 - None; task complete
- Upcoming September Activities
 - None

Task 204 – NFR Avian Migration Survey

A summary for Task 204 is provided below:

- August Charges - \$288.75
- \$20,000 Approved Budget
- \$15,332 Cost-to-Date
- August Activity
 - Report writing
- Upcoming September Activities
 - Addressing report comments



September 3, 2019

Page 3 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

Task 205 – NFR Raptor Migration Surveys

A summary for Task 205 is provided below:

- August Charges - \$0
- \$14,000 Approved Budget
- \$7,824 Cost-to-Date
- August Activity
 - None
- Upcoming September Activities
 - Report Writing

Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 206 is provided below:

- August Charges - \$1,990
- \$43,800 Approved Budget
- \$27,410 Cost-to-Date
- August Activities
 - Data card downloads
 - Data management
- Upcoming September Activities
 - Data card downloads
 - Data management

Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 207 is provided below:

- August Charges - \$3,278
- \$146,949 Approved Budget
- \$58,464 Cost-to-Date
- August Activity
 - Report writing
 - Subcontractor management



September 3, 2019

Page 4 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- Upcoming September Activity
 - Data Management
 - Report Writing

Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 208 is provided below:

- August Charges - \$1,314
- \$30,900 Approved Budget
- \$8,642 Cost-to-Date
- August Activities
 - Detector deployment
- Upcoming September Activities
 - Detector monitoring
 - Data management
 - Detector demobilization

Task 209 – NFR Habitat Conservation Plan

A summary for Task 209 is provided below:

- August Charges - \$4,480
- \$97,700 Approved Budget
- \$45,952 Cost-to-Date
- August Activities
 - Report writing and research
- Upcoming September Activity
 - Report writing and research
 - Completing second draft of HCP



September 3, 2019

Page 5 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

Task 210 – NFR Eagle Conservation Plan

A summary for Task 210 is provided below:

- August Charges - \$8,838
- \$53,700 Approved Budget
- \$27,883 Cost-to-Date
- August Activities
 - Submitted 2nd draft ECP to USFWS for review
- Upcoming September Activities
 - Addressing agency comments
 - Report writing
 - Agency meeting

Task 211 – NFR Bird and Bat Conservation Strategy

A summary for Task 211 is provided below:

- August Charges - \$6,753
- \$40,300 Approved Budget
- \$13,803 Cost-to-Date
- August Activity
 - Writing draft template report
 - Submitted 2nd draft ECP USFWS
- Upcoming September Activity
 - Addressing USFWS comments
 - Finalizing the ECP

Task 212 – NFR National Environmental Policy Act (NEPA)

A summary for Task 212 is provided below:

- August Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date



September 3, 2019

Page 6 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- August Activity
 - None
- Upcoming September Activity
 - None

Task 213 – NFR REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- August Charges - \$3,935
- \$58,900 Approved Budget
- \$43,646 Cost-to-Date
- August Activity
 - Data management
 - Report writing
- Upcoming September Activity
 - Data management
 - Report writing

KINGS POINT (KP) TASKS

Task 301 – KP Project Management

A summary for Task 301 is provided below:

- August Charges - \$2,024
- \$30,000 Approved Budget
- \$17,606 Cost-to-Date
- August Activities
 - Conference calls
 - Emails
 - Various project management duties
- Upcoming September Activities
 - Conference calls



September 3, 2019

Page 7 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- Emails
- Internal and external meetings

Task 302 – KP Eagle Use Survey

A summary for Task 302 is provided below:

- August Charges - \$5,555
- \$73,700 Approved Budget
- \$39,889 Cost-to-Date
- August Activity
 - Completed monthly field surveys
- Upcoming September Activities
 - Monthly field survey for EOPs that do not have 24 months of survey

Task 303 – KP Aerial Nest Survey

A summary for Task 303 is provided below:

- August Charges - \$0
- \$51,300 Approved Budget
- \$42,146 Cost-to-Date
- August Activity
 - None; task complete
- Upcoming September Activities
 - None

Task 304 – KP Avian Migration Survey

A summary for Task 304 is provided below:

- August Charges - \$563
- \$20,000 Approved Budget
- \$14,666 Cost-to-Date
- August Activity
 - Data management



September 3, 2019

Page 8 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- Report writing
- Upcoming September Activities
 - Data management
 - Report writing

Task 305 – KP Raptor Migration Surveys

A summary for Task 305 is provided below:

- August Charges - \$1,208
- \$14,000 Approved Budget
- \$9,678 Cost-to-Date
- August Activity
 - Data management
 - Report writing
- Upcoming September Activities
 - Data management
 - Report writing

Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)

A summary for Task 306 is provided below:

- August Charges - \$325
- \$52,100 Approved Budget
- \$26,377 Cost-to-Date
- August Activities
 - Data card downloads
 - Data management
- Upcoming September Activities
 - Data card downloads
 - Data management



September 3, 2019

Page 9 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)

A summary for Task 307 is provided below:

- August Charges - \$48,010
- \$151,086 Approved Budget
- \$88,851 Cost-to-Date
- August Activity
 - Data management
 - Report writing
 - Subcontractor invoice (\$41,865)
- Upcoming September Activity
 - Data management
 - Report writing

Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)

A summary for Task 308 is provided below:

- August Charges - \$2,156
- \$24,000 Approved Budget
- \$9,185 Cost-to-Date
- August Activities
 - Detector deployment
- Upcoming September Activities
 - Detector monitoring
 - Data management
 - Detector demobilization

Task 309 – KP Habitat Conservation Plan

A summary for Task 309 is provided below:

- August Charges - \$6,803
- \$97,700 Approved Budget
- \$50,557 Cost-to-Date



September 3, 2019

Page 10 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- August Activity
 - Address agency comments to draft HCP
 - Prepare 2nd draft of HCP
- Upcoming September Activity
 - Prepare 2nd draft of HCP
 - Submit 2nd draft to Empire for review
 - Submit 2nd draft to USFWS for review

Task 310 – KP Eagle Conservation Plan

A summary for Task 310 is provided below:

- August Charges - \$3,973
- \$53,700 Approved Budget
- \$35,999 Cost-to-Date
- August Activities
 - Submitted 2nd draft ECP to USFWS for review
- Upcoming September Activities
 - Preparing draft of ECP

Task 311 – KP Bird and Bat Conservation Strategy

A summary for Task 311 is provided below:

- August Charges - \$13,507
- \$40,300 Approved Budget
- \$20,831 Cost-to-Date
- August Activity
 - Writing draft template report
- Upcoming September Activity
 - Writing draft template report

Task 312 – KP National Environmental Policy Act (NEPA)

A summary for Task 312 is provided below:



September 3, 2019

Page 11 of 16

Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects, Reporting Period: August 2019

- August Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- August Activity
 - None
- Upcoming September Activity
 - None

Task 313 – KP REA Acoustic Bat Analysis

A summary for Task 313 is provided below:

- August Charges - \$2,807
- \$58,900 Approved Budget
- \$35,033 Cost-to-Date
- August Activity
 - Data management
 - Report writing
- Upcoming September Activity
 - Data management
 - Report writing

The August invoice to Empire District for Kings Point and North Fork Ridge is expected to be \$127,824 which will be provided by September 10, 2019. The September invoice is expected to be approximately \$80,000. All work is authorized by PO 159276. Detailed project financial information can be found in Attachment A.



September 3, 2019
Page 12 of 16

**Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge
Wind Projects, Reporting Period: August 2019**

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or ryan.hrabe@stantec.com.

Sincerely,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in black ink that reads "Ryan Hrabe".

Ryan Hrabe
Project Manager