



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
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Ron DeSantis
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Secretary

REQUEST FOR ADDITIONAL INFORMATION

December 20, 2019

Gulf Power Company, AKA NextEra Energy
Michael Spoor, Vice President, Power Delivery
One Energy Place
Pensacola, Florida 32520
Mike.G.Spoor@nexteraenergy.com

Re: Second Request for Additional Information (RAI)
Columbia County – Environmental Resource Permitting Program
Site Name: North Florida Resiliency Connection Project
Site ID: 378587
DEP Application No.: 12-0378587-001-EI

Dear Mr. Spoor:

Thank you for the additional information submitted on November 22, 2019, for your individual ERP permit application. The additional information has been reviewed and the items in the attached document remain incomplete. Please provide the remaining information and refer to this second RAI in your response.

To continue the processing of your application, the Department must receive a response within 90 days of this letter, March 19, 2020, unless a written request for additional time to provide the requested information is submitted and approved. It is the Department's desire to provide prompt turnaround times on permit applications, and a quicker response to this RAI shortens the timeframe for which a final decision on the application can be made. Pursuant to Chapter 62-330 and Section 120.60, F.S., failure of an applicant to provide a timely and complete response by the deadline listed above may result in denial of the application. To ensure the response will complete your application, the Department requests that a meeting be scheduled prior to submitting a response to discuss the draft submittal. Once you have a draft submittal, contact Kim Pearce to schedule a meeting time and date. If you have any questions, please contact Kim Pearce by telephone at 904-256-1686 or by e-mail at Kimberly.Pearce@FloridaDEP.gov.

Please submit your response by email to DEP_NED@floridadep.gov, with a copy to Kimberly.Pearce@FloridaDEP.gov. If the submittal is very large, you may post it to a folder on this office's ftp site at: <ftp://ftp.dep.state.fl.us/pub/incoming/>. After posting the submittal, send an e-mail to DEP_NED@floridadep.gov, with a copy to Kimberly.Pearce@FloridaDEP.gov, alerting us that it has been posted.

December 20, 2019

Sincerely,



Thomas G. Kallemeyn
Permitting Program Administrator

TGK:js:kp

v. 1.9

cc:

Michael Leahy, Pickett and Associates, Inc., mleahy@PickettUSA.com

Jude Dawson, ECT, jdawson@ectinc.com

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Tom Kallemeyn, FDEP NED

Junhong Shi, PE, FDEP NED

Kim Pearce, FDEP NED

Russell Simpson, FDEP NED

Tim Rach, FDEP DSL

Brad Richardson, FDEP DSL

Ron Hoenstine, FDEP OGC

Attached: List of Requested Information

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Regulatory Review

1. The UMAM summary tables (Table 9) appear to have been rounded inappropriately when listing impacts. Additionally, Table 9 needs to be updated with the new impact changes addressed in the 1st RAI response. Please revise the impact tables, UMAM calculations, and project drawings to include proper rounding of the numbers. In addition, the UMAM worksheets provided for each wetland impact/conversion area no longer correspond with Table 9 after additional impact area changes have been made. The Department continues to conduct site inspections to review and confirm wetland boundaries and UMAM scoring. The wetlands located within the project boundary must be flagged for the Department to verify the delineation. Revisions to the calculations and/or mitigation proposal may be required, pending completion of the field work. [Section 10.3, AH, Vol.I]
 - a) Please revise Table 8 to declutter it by omitting the ERP application original columns.
 - b) Please provide an updated Table 9 summarizing the final **permanent** impact acres, final UMAM delta, and final amount of functional **loss**, per table row. Then provide those column totals.
 - c) Please provide UMAM calculation worksheets for all new impact changes in the 1st RAI response.
 - d) Mitigation Bank Reservation will be required for each type of credits to be purchased after DEP concurrence of wetland delineations.
 - e) Response to question 1 of the 1st RAI denotes two conservation easement that will have to be modified prior to impacting those sites. Please address impacts to both conservation easements in Gadsden County, 20-0198475-001-DF Potter Family Partnership and 20-0200305-001-DF Hammock Creek Commerce Center.
2. Response to question 2 of the 1st RAI states that “GPC is continuing to seek permission to assess properties from landowners” and only about 30% of the required easements have been acquired. Please provide documentation of Real Property Interest in all project areas. If RPI for project construction is not yet acquired, the Department will require permission from property owners prior to conducting field work. [Section 4.2.3(d), AH, Vol I]
3. Attachment E of the 1st RAI response denotes an outline of construction details for all waterbody crossings. Please provide construction details and potential impacts of all wetland and waterbody crossings, including those that are temporary in nature. These details and impacts should include, but are not limited to: navigation, public health/safety, restoration, and water quality impacts. [Section 10.2, AH, Vol.I]

Stormwater Review

4. Please provide calculations of required treatment volume for each Staging Area based on design criteria of specific Water Management District. According to Site Detail table in all staging area maps, all treatment volumes were calculated based on first 1-inch of runoff, which did not reflect required treatment volume (although some of them may be greater than required treatment volumes). Refer to Section 4.3 of Suwannee River Water Management District and 5.2 of Northwest Water Management District Volume II Applicant's Handbook.
5. Some Staging Areas have multiple drainage basins based on site topography. Geotechnical exploration was performed with at least two soil borings on Staging Areas 2, 3, 4, 5, and 8. However, only one treatment volume recovery analysis using POND model was performed for each Staging Area. The model input values seem inconsistent with recommendations provided by the Geotechnical Report. Please explain in each Staging Area report the basis for each value including stage-area data as well. It is recommended to perform the recovery analysis and soil boring for each drainage basin. Refer to Part 1 of Section E of ERP Application.
6. Based on POND model Summary of Results of Staging Area 2, 3, 4, 5 and 8, the infiltration volume within 72 hours is less than the treatment volume listed in the Site Detail table in each staging area. Please verify. If soil underneath the #57 aggregate will not be compacted, it may have the function of infiltration that can be accounted as recovery. Please demonstrate that required treatment volume for each drainage basin will be recovered within 72 hours. Refer to Section 4.4 of Suwannee River Water Management District and 5.3 of Northwest Water Management District Volume II Applicant's Handbook.
7. Storm events for water quantity analysis were 10-year, 25-year, and 100-year frequency and 24-hour duration. However, Suwannee River Water Management District requires the applicant to analyze the 100-year frequency of the 1-, 2-, 4-, 8-, and 24-hour, with 3-, 7-, and 10-day durations for all stormwater systems. Please provide additional simulations. Refer to Section 3.2 of Suwannee River Water Management District Volume II Applicant's Handbook.
8. By comparing peak elevations resulted from POND model with proposed top of berms shown in cross sections, it is noticed that NE Pond in Staging Area 2 and East Pond in Staging Area 5 will overtop the berms. In addition, SE Pond in Staging Area 2 and West Pond in Staging Area 3 will have less than 1-foot of freeboard. Please verify and assure 1-foot freeboard. Refer to Section 5.1 of Suwannee River Water Management District Volume II Applicant's Handbook.
9. Cross Sections of SE Pond and West Pond of Staging Area 2 show that the bottom of the ponds are 0.3 foot and 0.7 foot above seasonal high water tables, which are less than design criteria of 1-foot separation. Please revise the design. Refer to Section 5.1 of Suwannee River Water Management District Volume II Applicant's Handbook.
10. Please clarify in the Typical Staging Area if Ground Layer will be compacted. No compaction is preferred to promote soil percolation. Refer to Part 2 of Section E of ERP Application.
11. The proposed berm in northeast corner of Staging Area 4 may block existing offsite flow. Please verify to assure no advise impact to adjacent land. Refer to rule 62-330.301(1), F.A.C.

12. Staging Area 4 is in a Flood Zone A area. Please provide a call-out and note in the design that the area shall not be used for storage or occupied. Otherwise, floodplain compensation shall be provided for the encroachment. If this is the case, please provide calculation and design. Refer to rule 62-330.301(1), F.A.C.
13. Per RAI Response under Item 8, please provide site specific stormwater design and calculations for Stage Areas 1, 6, and 7 once the final locations are determined, and for the repeater station after collection of the necessary field data is completed. Refer to rule 62-330.301(1), F.A.C.

Proprietary Review

14. 1st RAI, Item 11: Sufficient Upland Interest in the riparian parcels adjacent to the Sovereign submerged Land Easements is required to be submitted to the Department prior to execution of the Easement.

Per 18-21.009(1)(c), FAC, please provide a revised Table 3, or create Table 3a (preferred), summarizing the 12 waterbodies which Div. of State Lands has confirmed as SSL and will need public easements for the aerial crossings. The table columns should include: Milepost; County; ID (as in existing Table 3); then add Waterbody (WB) Name; Square footage of Easement; WB Designation as AP or OFW or n/a; and latitude / longitude (rounding okay, such as 30.4436°N, - 83.7243°W).
15. Sufficient Upland Interest in the riparian parcels adjacent to the Sovereign Submerged Land Easements is required to be submitted to the Department prior to execution of the Easement. [18-21.009(1)(c), FAC]
16. Any crossings on State-Owned Uplands will require authorization/permission from the State of Florida for proposed work on State-Owned Uplands. Any crossings on Water Management District Property will require authorization/permission from the appropriate Water Management District. In addition, any crossings in areas currently under easement by Florida Dept of Transportation will require authorization/permission from FDOT. [Rules 18-21.004(3)b. and 18-2.018, F.A.C.]

On 6/28/2019 Gulf Power Company submitted an application for authorization to use state-owned lands for a Private Easement pursuant to Chapter 253, Florida Statutes. On 7/3/2019, Division of State Lands staff issued a RAI in regard to this application. Please provide a response to the Division of State Lands RAI.
17. Per 1st RAI response FDEP understand that GPC plans to pay the easement process fee with check # 0103478. However, FDEP records indicate that the easement processing fee has not been received. Please submit the easement processing fee of \$669.00. [18-21.009(1)(g), FAC]

Complete Application

18. Because of the large scope of this project and multiple RAIs (with responses provided), please specify which materials will constitute the final ERP application for FDEP completeness review. [62-330.060 F.A.C.]