

APPENDIX 10.2

FEDERAL PERMIT APPLICATIONS OR APPROVALS

APPENDIX 10.2.1

316 DEMONSTRATIONS

10.2.1 316 DEMONSTRATIONS

GREC is not subject to the Section 316(a) or (b) requirements under the Clean Water Act. Therefore, Section 316 demonstrations are not required nor provided in this SCA for GREC.

APPENDIX 10.2.2

NPDES APPLICATIONS/PERMITS

10.2.2 NPDES APPLICATIONS/PERMITS

NPDES—Industrial Wastewater Permit

GREC is designed as a zero liquid discharge (ZLD) facility, and there will be no discharge of industrial wastewater to Waters of the State. Consequently, a National Pollutant Discharge Elimination System (NPDES) industrial wastewater discharge permit is not required.

NPDES—Stormwater Discharge Permit For Construction Activities

A Notice of Intent (NOI) to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities is provided in this appendix. The NOI will be submitted to the Florida Department of Environmental Protection (FDEP) prior to commencing construction activities in accordance with Rule 62-621.300(4), Florida Administrative Code (F.A.C.). A stormwater pollution prevention plan (SWPPP) for construction activities will also be prepared and submitted prior to commencing construction.

NPDES—Stormwater Discharge Permit For Industrial Activities

An NOI to Use Multisector Generic Permit for Stormwater Discharge Associated with Industrial Activity (MSGP) in accordance with Rule 62-621.300(5), F.A.C., is provided in this appendix. GREC qualifies for this permit under Sector O, steam electric power generating facilities. Prior to commencement of operations, an MSGP NOI will be submitted to the FDEP NPDES Stormwater Notices Center.



NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (RULE 62-621.300(4), F.A.C.)

This Notice of Intent (NOI) form is to be completed and submitted to the Department before use of the Generic Permit for Stormwater Discharge From Large and Small Construction Activities provided in subsection 62-621.300(4), F.A.C. The type of project or activity that qualifies for use of the generic permit, the conditions of the permit and additional requirements to request coverage are specified in the generic permit document [DEP Document 62-621.300(4)(a)]. **The appropriate generic permit fee, as specified in paragraph 62-4.050(4)(d), F.A.C., shall be submitted with this NOI in order to obtain permit coverage. Permit coverage will not be granted without submittal of the appropriate generic permit fee.** You should familiarize yourself with the generic permit document and the attached instructions before completing this NOI form. **Please print or type information in the appropriate areas below.**

I. IDENTIFICATION NUMBER:

Project ID: _____

II. APPLICANT INFORMATION:

A. Operator Name: Gainesville Renewable Energy Center, LLC		B. Operator Status: P
C. Address: 75 Arlington Street, 5th Floor		
D. City: Boston	E. State: MA	F. Zip Code: 02116
G. Responsible Authority: Robert E. Donahoe		
H. Responsible Authority's Phone No.: 617/482-6150		
I. Responsible Authority's Fax No.: 617/482-6159		
J. Responsible Authority's E-mail Address: bdonahoe@amrenewables.com		

III. PROJECT/SITE LOCATION INFORMATION:

A. Project Name: Gainesville Renewable Energy Center		
B. Project Address/Location: 10000 (Block) Northwest 13th Street (U.S. Highway 441)		
C. City: Gainesville	D. State: FL	E. Zip Code: 33653
F. County: Alachua	G. Latitude: 29° 46' 03" Longitude: 82° 23' 47"	
H. Is the site located on Indian Country Lands? ☐ Yes ☒ No		I. Water Management District: Suwannee River Water Management District

J. Project Contact: Robert E. Donahoe
K. Project Contact's Phone No.: 617/482-6150
L. Project Contact's Fax No.: 617/482-6159
M. Project Contact's E-mail Address: bdonahoe@amrenewables.com

IV. PROJECT/SITE ACTIVITY INFORMATION:

A. Indicate whether the project is Large or Small Construction (check only one):		☒ Large Construction (Project will disturb five or more acres of land.)	☐ Small Construction (Project will disturb one or more acres but less than five acres of land.)
B. Approximate total area of land disturbance from commencement through completion of construction: <u>78</u> acres			
C. SWPPP Location:	☐ Address in Part II above	☐ Address in Part III above	☐ Other address (specify below)
D. SWPPP Address:			
E. City:	F. State:	G. Zip Code:	
H. Construction Period:	Start Date: 12/01/10	Completion Date: 09/30/13	

V. DISCHARGE INFORMATION:

A. MS4 Operator Name (if applicable): Not applicable
B. Receiving Water Name: Wetland areas ultimately draining to Turkey Creek

VI. CERTIFICATION¹:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Authority Name and Official Title (Type or Print):
Robert E. Donahoe, Vice President Environmental Services

Robert E. Donahoe
Responsible Authority Signature:

11/19/09
Date Signed:

¹ Signatory requirements are contained in Rule 62-620.305, F.A.C.



NOTICE OF INTENT TO USE MULTI-SECTOR GENERIC PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY (RULE 62-621.300(5), F.A.C.)

This form is to be completed and submitted to the Department before use of the Multi-Sector Generic Permit for Stormwater Discharge Associated with Industrial Activity (MSGP) provided in subsection 62-621.300(5), F.A.C. The type of facility or activity that qualifies for use of this generic permit, the conditions of the permit and additional requirements to request coverage are specified in paragraph 62-621.300(5)(a), F.A.C. Note that additional requirements for requesting coverage include submittal of the applicable generic permit fee pursuant to Rule 62-4.050, F.A.C. Familiarize yourself with the generic permit and the attached instructions before completing this form. **Please print or type information in the appropriate areas below.**

I. IDENTIFICATION NUMBER: Facility ID _____

II. APPLICANT INFORMATION:

A. Operator Name: Gainesville Renewable Energy Center, LLC		B. Operator Status: P
C. Address: 75 Arlington Street, 5th Floor		
D. City: Boston	E. State: MA	F. Zip Code: 02116
G. Responsible Authority: Robert E. Donahoe		
H. Responsible Authority's Phone No.: 617/482-6150		
I. Responsible Authority's Fax No.: 617/482-6159		
J. Responsible Authority's E-mail Address: bdonahoe@amrenewables.com		

III. FACILITY LOCATION INFORMATION:

A. Project Name: Gainesville Renewable Energy Center		
B. Project Address/Location: 10000 (Block) Northwest 13th Street (U.S. Highway 441)		
C. City: Gainesville	D. State: FL	E. Zip Code: 33653
F. County: Alachua	G. Latitude: 29° 46' 03" Longitude: 82° 23' 47"	
H. Is the site located on Indian Country Lands? ☐ Yes ☒ No		I. Water Management District: Suwannee River Water Management District
J. Project Contact: Robert E. Donahoe	K. Project Contact's Phone No.: 617/482-6150	
L. Project Contact's Fax No.: 617/482-6159	M. Project Contact's E-mail Address: bdonahoe@amrenewables.com	

IV. FACILITY ACTIVITY INFORMATION:

A. SIC or Designated Activity Code(s)	Primary: 4911	Secondary:	
B. Monitoring code (1, 2, 3, or 4): 2	C. Will construction be conducted for stormwater controls? ☒ Yes ☐ No		
D. Other Existing Permits	ERP No.: Pending	Wastewater Permit No.: Not Applicable	Other (specify):

V. DISCHARGE INFORMATION

A. MS4 Operator Name: Not applicable							
B. Discharge Location(s):							
Outfall No.	Latitude			Longitude			Receiving Water Name
	Deg.	Min.	Sec.	Deg.	Min.	Sec.	
001	29	46	12	82	23	60	Wetland ultimately draining to Turkey Creek
002	29	45	58	82	24	7	Wetland ultimately draining to Turkey Creek
003	29	45	41	82	24	10	Wetland ultimately draining to Turkey Creek

VI. CERTIFICATION¹:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Authority Name and Official Title (Type or Print):
Robert E. Donahoe, Vice President Environmental Services

Robert E. Donahoe
Responsible Authority Signature:

11/19/09
Date Signed:

¹ Signatory requirements are contained in Rule 62-620.305, F.A.C.

APPENDIX 10.2.3

HAZARDOUS WASTE DISPOSAL APPLICATIONS/PERMITS

10.2.3 HAZARDOUS WASTE DISPOSAL APPLICATIONS/PERMITS

GREC will not require a federal or state application or permit for hazardous waste disposal pursuant to the Resource Recovery and Conservation Act (RCRA).

APPENDIX 10.2.4

SECTION 10 OR 404 APPLICATIONS/PERMITS

10.2.4 SECTION 10 OR 404 APPLICATIONS/PERMITS

Construction activities for GREC will impact three small, isolated wetlands (i.e., total of approximately 0.33 acre) on the GREC Site and two small, isolated wetlands (i.e., total of approximately 0.11 acre) on the offsite construction laydown area. Since these wetlands are considered isolated, these impacted wetlands are not subject to U.S. Army Corps of Engineers (USACE) jurisdiction or Section 404 permit requirements. The GREC construction activities for the offsite portions of the new natural gas and sewer pipelines will also temporarily disturb two manmade drainage ditches/swales (i.e., total of approximately 0.015 acre). These drainage ditches/swales ultimately drain to Turkey Creek, which USACE may not consider to be a navigable water of the United States. Therefore, these two drainage ditches/swales may not be subject to USACE jurisdiction or require a Section 404 permit. However, in the event these ditches/swales are considered jurisdictional, a Nationwide 12 Section 404 permit application is included in the Joint Environmental Resource Permit (ERP) application in Appendix 10.4.

APPENDIX 10.2.5

PREVENTION OF SIGNIFICANT DETERIORATION PERMIT APPLICATION

10.2.5 PREVENTION OF SIGNIFICANT DETERIORATION PERMIT APPLICATION

The complete Air Construction/Prevention of Significant Deterioration Permit Application is provided in Volume 3 of this SCA. This application will also be filed directly with FDEP's Bureau of Air Regulation.

APPENDIX 10.2.6

AIR OPERATION PERMIT

10.2.6 AIR OPERATION PERMIT

As required under Section 62.213.420, Florida Administrative Code (F.A.C.), the application for the Title V Air Operation Permit for GREC will be submitted to the Florida Department of Environmental Protection (FDEP) within 180 days after the unit commences operation.

APPENDIX 10.2.7

COASTAL ZONE MANAGEMENT CERTIFICATIONS

10.2.7 COASTAL ZONE MANAGEMENT CERTIFICATIONS

GREC LLC understands that the proposed GREC may be subject to the Florida Coastal Management Program (FCMP) because the State of Florida's coastal zone includes the area encompassed by the 67 counties that comprise the state. The preparation and submittal of the SCA provides the necessary data collection, surveys, maps, and analyses necessary to determine the probable effects of the proposed GREC on the state's water, cultural, historic, and biological resources; its compliance with growth management provisions; its impact on public infrastructure; and its impact on submerged lands.

Based on the information provided in this SCA, GREC LLC has determined and certifies that GREC complies with the requirements of the FCMP and the proposed unit will be constructed and operated in a manner consistent with the requirements of the FCMP.

APPENDIX 10.2.8

FAA NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Obstruction Evaluation

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FAA OE/AAA Offices

View Determined Cases

View Proposed Cases

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Regulatory Policy

Relevant Advisory Circulars

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Competition for the Sky

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Project Name: GAINC-000133683-09

Sponsor: Gainesville Renewable Energy Center

Details for Case : BFB Stack #1

[Show Project Summary](#)

Case Status	
ASN:	2009-ASO-6685-OE
Status:	Work In Progress
Date Accepted:	11/12/2009
Date Determined:	
Letters:	None
Documents:	None

Construction / Alteration Information	
Notice Of:	Construction
Duration:	Permanent
if Temporary :	Months: Days:
Work Schedule - Start:	12/07/2010
Work Schedule - End:	12/07/2013
State Filing:	Not filed with State

Structure Details	
Latitude:	29° 46' 3.00" N
Longitude:	82° 23' 47.00" W
Horizontal Datum:	NAD83
Site Elevation (SE):	184 (nearest foot)
Structure Height (AGL):	230 (nearest foot)
Requested Marking /Lighting:	None
Other :	
Recommended Marking /Lighting:	
Current Marking /Lighting:	N/A New Structure
Other :	
Nearest City:	Gainesville
Nearest State:	Florida
Description of Location:	Situated in the northwest corner of the Gainesville Regional Utilities Deerhaven Generating Station site, north of US Rte 441 and south of NW 128th Lane
Description of Proposal:	Biomass fired electric generating facilitt with single exhaust stack

Structure Summary	
Structure Type:	Stack
Structure Name:	BFB Stack #1
FCC Number:	
Prior ASN:	

Common Frequency Bands			
Low Freq	High Freq	Freq Unit	ERP Unit

Specific Frequencies	
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Obstruction Evaluation

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- The Sponsor can be you, your company, or your client. The sponsor is the person or business ultimately responsible for the construction or alteration. The sponsor appears as the addressee on all correspondence from the FAA.
- Please populate the following form to add or update a Sponsor.
- **Required fields indicated with ***

[Delete this Sponsor](#)

* Sponsor Name:	Gainesville Renewable Energy Center
* Attention Of:	Robert Donahoe
* Address:	75 Arlington Street, 5th Floor
Address2:	
* City:	Boston
* State:	Massachusetts
-OR-	
* Non-US State:	
* Country:	United States
* Zip / Post Code:	02116
* Phone:	617 - 653 - 7685 ext
* Fax:	617 - 482 - 6159
* Email:	bdonahoe@amrenewables.com

FARM

22

23

180

180

177

183

GAINESVILLE

CORPORATE

Park

185

27

26

BM
175

