

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULE 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2(b)

(AMENDMENT NO. 1)*

ECO-STIM ENERGY SOLUTIONS, INC.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

27888D101

(CUSIP Number)

December 31, 2018

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

EXPLANATORY NOTE

1. Names of Reporting Persons

Bienville Global Opportunities Fund, LP

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

0

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With:

6. Shared Voting Power

6,163,027

7. Sole Dispositive Power

0

8. Shared Dispositive Power

6,163,027

9. Aggregate Amount Beneficially Owned by Each Reporting Person

6,163,027

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.2%

12. Type of Reporting Person (See Instructions)

PN

1. Names of Reporting Persons

BGOF GP, LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)
(b)

3. SEC Use Only

4. Citizenship or Place of Organization

Delaware

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With:

5. Sole Voting Power
0

6. Shared Voting Power
6,163,027

7. Sole Dispositive Power
0

8. Shared Dispositive Power
6,163,027

9. Aggregate Amount Beneficially Owned by Each Reporting Person
6,163,027

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)
8.2%

12. Type of Reporting Person (See Instructions)
OO

1. Names of Reporting Persons

Bienville Capital Management, LLC

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC Use Only

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

0Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With:

6. Shared Voting Power

6,259,069

7. Sole Dispositive Power

0

8. Shared Dispositive Power

6,259,069

9. Aggregate Amount Beneficially Owned by Each Reporting Person

6,259,06910. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IA

1. Names of Reporting Persons

William Herbert Stimpson, II

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a) (b)

3. SEC Use Only

4. Citizenship or Place of Organization

United States

5. Sole Voting Power

0Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With:

6. Shared Voting Power

6,259,069

7. Sole Dispositive Power

0

8. Shared Dispositive Power

6,259,069

9. Aggregate Amount Beneficially Owned by Each Reporting Person

6,259,06910. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IN

1. Names of Reporting Persons

Michael Cullen Thompson, Jr.

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization

United States

5. Sole Voting Power

0

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With:

6. Shared Voting Power

6,259,069

7. Sole Dispositive Power

0

8. Shared Dispositive Power

6,259,069

9. Aggregate Amount Beneficially Owned by Each Reporting Person

6,259,069

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11. Percent of Class Represented by Amount in Row (9)

8.3%

12. Type of Reporting Person (See Instructions)

IN

Item 1.

- (a) Name of Issuer
Eco-Stim Energy Solutions, Inc.
-
- (b) Address of Issuer's Principal Executive Offices
2930 W. Sam Houston Parkway North
Suite 275
Houston, TX 77043
-

Item 2.

- (a) Name of Person Filing
Bienville Global Opportunities Fund, LP ("Global Fund");
BGOF GP, LLC ("General Partner");
Bienville Capital Management, LLC, a Delaware limited liability company ("Investment Manager");
William Herbert Stimpson, II
Michael Cullen Thompson, Jr.
-
- (b) Address of the Principal Office or, if none, Residence
521 Fifth Avenue
35th Floor
New York, NY 10175
-
- (c) Citizenship
All entities are organized in Delaware. The individuals are all United States citizens.
-
- (d) Title of Class of Securities
Common Stock, par value \$0.001 per share
-
- (e) CUSIP Number
27888D101
-

Item 3. If this statement is filed pursuant to ss.240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Exchange Act;
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act;
- (c) Insurance company as defined in Section 3(a)(19) of the Exchange Act;
- (d) Investment company registered under Section 8 of the Investment Company Act;
- (e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution: _

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.¹

(a) Amount beneficially owned:	
Global Fund	6,163,027
General Partner	6,163,027
Investment Manager	6,259,069
William Herbert Stimpson, II	6,259,069
Michael Cullen Thompson, Jr.	6,259,069

(b) Percent of class: (1)	
Global Fund	8.2%
General Partner	8.2%
Investment Manager	8.3%
William Herbert Stimpson, II	8.3%
Michael Cullen Thompson, Jr.	8.3%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

Global Fund	0
General Partner	0
Investment Manager	0
William Herbert Stimpson, II	0
Michael Cullen Thompson, Jr.	0

(ii) Shared power to vote or to direct the vote

Global Fund	6,163,027
General Partner	6,163,027
Investment Manager	6,259,069
William Herbert Stimpson, II	6,259,069
Michael Cullen Thompson, Jr.	6,259,069

(iii) Sole power to dispose or to direct the disposition of

Global Fund	0
General Partner	0
Investment Manager	0
William Herbert Stimpson, II	0
Michael Cullen Thompson, Jr.	0

(iv) Shared power to dispose or to direct the disposition of

Global Fund	6,163,027
General Partner	6,163,027
Investment Manager	6,259,069
William Herbert Stimpson, II	6,259,069
Michael Cullen Thompson, Jr.	6,259,069

(1) The percentages used throughout this Schedule 13G are based upon 75,367,877 shares of common stock outstanding as of November 9, 2018, as reported in the Company's Quarterly Report on Form 10-Q on November 14, 2018, for the quarter ended September 30, 2018.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following []

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below the undersigned certifies that, to the best of his or its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, the undersigned hereby certify that the information set forth in this statement is true, complete and correct.

February 7, 2019

Bienville Global Opportunities Fund, LP

By: BGOF GP, LLC, its General Partner

By: /s/ William H. Stimpson, II
Name: William H. Stimpson, II
Title: Managing Member

BGOF GP, LLC as General Partner of Bienville Global Opportunities Fund, LP

By: /s/ William H. Stimpson, II
Name: William H. Stimpson, II
Title: Managing Member

Bienville Capital Management, LLC, as Investment Manager of Bienville Global Opportunities Fund, LP, and various separately managed account clients

By: /s/ William H. Stimpson, II
Name: William H. Stimpson, II
Title: Managing Member

William H. Stimpson, II, as Managing Member of the Investment Manager and BGOF GP, LLC

/s/ William H. Stimpson, II

M. Cullen Thompson, Jr., as Managing Member of the Investment Manager and BGOF GP, LLC

/s/ M. Cullen Thompson, Jr.

EXHIBIT A

**STATEMENT FILED PURSUANT TO RULE 13D-1(K)(1)(III) OF
REGULATION 13D-G OF THE GENERAL RULES AND REGULATIONS
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Pursuant to Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, as amended, each of the undersigned acknowledges and agrees that the foregoing statement on this Schedule 13G is filed on behalf of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of the undersigned without the necessity of filing additional joint acquisition statements. Each of the undersigned acknowledges that it shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the other, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

Dated: February 7, 2019

Bienville Global Opportunities Fund, LP

By: BGOF GP, LLC, its General Partner

By: /s/ William H. Stimpson, II

Name: William H. Stimpson, II

Title: Managing Member

BGOF GP, LLC as General Partner of Bienville Global Opportunities Fund, LP

By: /s/ William H. Stimpson, II

Name: William H. Stimpson, II

Title: Managing Member

Bienville Capital Management, LLC, as Investment Manager of Bienville Global Opportunities Fund, LP, and various separately managed account clients

By: /s/ William H. Stimpson, II

Name: William H. Stimpson, II

Title: Managing Member

William H. Stimpson, II, as Managing Member of the Investment Manager and BGOF GP, LLC

/s/ William H. Stimpson, II

M. Cullen Thompson, Jr., as Managing Member of the Investment Manager and BGOF GP, LLC

/s/ M. Cullen Thompson, Jr.