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

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**FORM S-8**  
**REGISTRATION STATEMENT**  
*UNDER*  
*THE SECURITIES ACT OF 1933*

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**Constellation Energy Partners LLC**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation or organization)

**11-3742489**  
(I.R.S. Employer  
Identification No.)

**1801 Main, Suite 1300 Houston, Texas**  
(Address of Principal Executive Offices)

**77002**  
(Zip Code)

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**Constellation Energy Partners LLC 2009 Omnibus Incentive Compensation Plan**  
(Full title of the plan)

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**Charles C. Ward**  
**Chief Financial Officer and Treasurer**  
**Constellation Energy Partners LLC**  
**1801 Main, Suite 1300**  
**Houston, Texas 77002**  
(Name and address of agent for service)

**(832) 308-3700**  
(Telephone number, including area code, of agent for service)

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*Copies to:*  
**G. Michael O'Leary**  
**Timothy C. Langenkamp**  
**Andrews Kurth LLP**  
**600 Travis, Suite 4200**  
**Houston, Texas 77002**  
**(713) 220-4200**

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐

Accelerated filer ☒

Non-accelerated filer ☐

Smaller reporting company ☐

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**CALCULATION OF REGISTRATION FEE**

<b>Title of securities to be registered</b>	<b>Amount to be registered (1)</b>	<b>Proposed maximum offering price per share (2)</b>	<b>Proposed maximum aggregate offering price</b>	<b>Amount of registration fee</b>
Common units representing limited liability company interests	1,650,000 common units	\$3.44	\$5,676,000	\$316.72

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- (1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended, there is also being registered such additional number of common units that become available under the 2009 Omnibus Incentive Compensation Plan because of events such as recapitalizations, stock dividends, stock splits or similar transactions effected without the receipt of consideration that increases the number of outstanding common units.
  - (2) Estimated solely for the purpose of determining the amount of the registration fee in accordance with Rule 457(c) and (h) under the Securities Act of 1933, as amended, and based on the average of the high and low prices of the common units as reported by NYSE Arca on November 27, 2009.
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**PART I**  
**INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS**

In accordance with Rule 428 under the Securities Act of 1933, as amended (the “Securities Act”) and the instructional note to Part I of Form S-8, the information specified in Part I of Form S-8 has been omitted from the filing of this registration statement. The documents containing the information specified in Part I of Form S-8 will be sent or given to participating employees as specified by Rule 428(b)(1) of the Securities Act. Such documents and the documents incorporated by reference herein pursuant to Item 3 of Part II hereof, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

**PART II**  
**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The Company incorporates by reference in this registration statement the following documents and information previously filed with the Securities and Exchange Commission (the “Commission”):

- (1) The Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2008, filed with the Commission on February 27, 2009 (File No. 001-33147).
- (2) The Company’s Quarterly Report on Form 10-Q for the period ended March 31, 2009, filed with the Commission on May 8, 2009 (File No. 001-33147); the Company’s Quarterly Report on Form 10-Q for the period ended June 30, 2009, filed with the Commission on August 10, 2009 (File No. 001-33147); and the Company’s Quarterly Report on Form 10-Q for the period ended September 30, 2009, filed with the Commission on November 6, 2009 (File No. 001-33147).
- (3) The Company’s Current Reports on Form 8-K or Form 8-K/A filed on January 7, 2009, January 15, 2009, February 13, 2009, February 20, 2009, May 4, 2009, May 5, 2009, May 8, 2009, June 17, 2009, June 26, 2009, July 20, 2009, August 10, 2009, September 14, 2009, November 6, 2009 and November 16, 2009 (excluding information furnished pursuant to Item 2.02 or Item 7.01 of any such Current Report on Form 8-K).
- (4) The description of the Company’s common units contained in the Company’s Registration Statement on Form 8-A (File No. 001-33147) as filed by the Company with the Commission on November 13, 2006, and any amendment or report filed for the purpose of updating that description.

All documents filed with the Commission by the Company pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (excluding any information furnished pursuant to Item 2.02 and Item 7.01 on any current report on Form 8-K), subsequent to the date of this registration statement and prior to the filing of a post-effective amendment that indicates that all securities offered have been sold or that deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this registration statement and to be a part hereof from the date of filing of such documents.

Any statement contained herein or in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this registration statement to the extent that a statement contained herein or in any subsequently filed document that also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

**Item 4. Description of Securities.**

Not applicable.

**Item 5. Interests of Named Experts and Counsel.**

The legality of the common units offered hereby is being passed upon for us by Andrews Kurth LLP. Attorneys at the law firm of Andrews Kurth LLP beneficially own 6,818 common units.

**Item 6. Indemnification of Directors and Officers.**

Section 18-108 of the Delaware Limited Liability Company Act empowers a Delaware limited liability company to indemnify and hold harmless any member or manager or other person from and against all claims and demands whatsoever. Section 7.7(a) of our Second Amended and Restated Operating Agreement, as amended (the “LLC Agreement”), provides that to the fullest extent permitted by law as it currently exists and to such greater extent as applicable law hereafter may permit, but subject to the limitations expressly provided in the LLC Agreement, we shall indemnify any person who was or is a party or is threatened to be made a party to, or otherwise requires representation of counsel in connection with, any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (including an action by or in the right of the Company) by reason of the fact that such person (i) is or was our manager or officer, or, while serving as our manager or officer, is or was serving as a tax matters partner, or, (ii) is or was our member, partner, manager,

director, officer, fiduciary or trustee or that of any of our subsidiaries or, (iii) at our request, served as a director, manager, officer, tax matters partner, fiduciary or trustee of any other person (each an “Indemnatee”) or by reason of any action alleged to have been taken or omitted in such capacity, against losses, expenses (including attorneys’ fees), judgments, fines, damages, penalties, interest, liabilities and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding, provided that the Indemnatee shall not be indemnified and held harmless if there has been a final and non-appealable judgment entered by a court of competent jurisdiction determining that, in respect of the matter for which the Indemnatee is seeking indemnification pursuant to Section 7.7(a) of the LLC Agreement, the Indemnatee acted in bad faith or engaged in fraud, willful misconduct or, in the case of a criminal matter, acted with knowledge that the Indemnatee’s conduct was unlawful.

Any indemnification pursuant to Section 7.7 of the LLC Agreement shall be made only out of our assets, and our members shall not be personally liable for such indemnification and shall have no obligation to contribute or loan any monies or property to us to enable us to effectuate such indemnification. Additionally, any indemnification pursuant to Section 7.7 of the LLC Agreement shall be in addition to any other rights to which an Indemnatee may be entitled under any agreement, pursuant to any vote of the holders of our outstanding limited liability company interests, excluding any limited liability company interests held by us or our subsidiaries and any limited liability company interests held by a group or person who holds more than 20% of any class of our limited liability company interests, as a matter of law or otherwise, both as to actions in the Indemnatee’s capacity as an Indemnatee and as to actions in any other capacity, and shall continue as to an Indemnatee who has ceased to serve in such capacity and shall inure to the benefit of the heirs, successors, assigns and administrators of the Indemnatee.

Section 7.7 further provides that expenses (including attorneys’ fees) incurred by an Indemnatee in defending any action, suit or proceeding referred to in Section 7.7(a) shall be paid by us, when and as incurred, in advance of the final disposition of such action, suit or proceeding and in advance of any determination that such Indemnatee is not entitled to be indemnified, upon receipt of an undertaking by or on behalf of such Indemnatee to repay such amount if it shall ultimately be determined by final judicial decision from which there is no further right to appeal that such person is not entitled to be indemnified by us as authorized in Section 7.7.

Section 7.8 of the LLC Agreement provides that no Indemnatee shall be liable for monetary damages to us or our members or any other persons who have acquired any class or series of equity interests in us for losses sustained or liabilities incurred as a result of any act or omission of an Indemnatee unless there has been a final and non-appealable judgment entered by a court of competent jurisdiction determining that, in respect of the matter in question, the Indemnatee acted in bad faith or engaged in fraud, willful misconduct or, in the case of a criminal matter, acted with knowledge that the Indemnatee’s conduct was criminal.

In addition, the LLC Agreement provides that we may purchase and maintain insurance, on behalf of our managers and officers, and such other persons as the board of managers shall determine, against any liability that may be asserted against or expense that may be incurred by such person in connection with our activities or such person’s activities on our behalf, regardless of whether we would have the power to indemnify such person against such liability under the provisions of the LLC Agreement.

The Underwriting Agreement entered into by us in connection with our initial public offering provides for the indemnification by the underwriters in certain circumstances of the Company, our managers and officers, our current subsidiaries, Constellation Energy Commodities Group, Inc., and each of their officers and directors.

Reference is made to Item 9 for the Company’s undertakings with respect to indemnification for liabilities arising under the Securities Act.

**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

<u>Exhibit Number</u>	<u>Description</u>
+4.1	Certificate of Formation of Constellation Energy Partners LLC, as amended (incorporated herein by reference to Exhibit 3.1 to the Annual Report on Form 10-K filed by Constellation Energy Partners LLC on March 12, 2007).

- +4.2 Second Amended and Restated Operating Agreement of Constellation Energy Partners LLC (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K filed by Constellation Energy Partners LLC on November 28, 2006).
  - +4.3 Amendment No. 1 to Second Amended and Restated Operating Agreement of Constellation Energy Partners LLC (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K filed by Constellation Energy Partners LLC on April 24, 2007).
  - +4.4 Amendment No. 2 to Second Amended and Restated Operating Agreement of Constellation Energy Partners LLC dated July 25, 2007. (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K filed by Constellation Energy Partners LLC on July 26, 2007).
  - +4.5 Amendment No. 3 to Second Amended and Restated Operating Agreement of Constellation Energy Partners LLC dated September 21, 2007 (incorporated by reference to Exhibit 3.5 to the Current Report on Form 8-K filed by Constellation Energy Partners LLC on September 26, 2007).
  - +4.6 Amendment No. 4 to Second Amended and Restated Operating Agreement of Constellation Energy Partners LLC dated December 28, 2007 (incorporated by reference to Exhibit 3.1 to the Current Report filed by Constellation Energy Partners LLC on December 28, 2007).
  - +10.1 Constellation Energy Partners LLC 2009 Omnibus Incentive Compensation Plan (incorporated by reference to Exhibit A to the Proxy Statement filed by the Company on October 22, 2009).
  - \*5.1 Opinion of Andrews Kurth LLP with respect to legality of the securities.
  - \*23.1 Consent of PricewaterhouseCoopers LLP.
  - \*23.2 Consent of Netherland, Sewell & Associates, Inc.
  - \*23.3 Consent of Andrews Kurth LLP (included as part of Exhibit 5.1).
  - \*24.1 Power of Attorney (set forth on the signature page of this registration statement).
- + Incorporated by reference.  
 \* Filed herewith.

## Item 9. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of a prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however*, that paragraphs (1)(i) and (1)(ii) do not apply if the registration statement is on Form S-8 and the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

- (b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the provisions described under Item 6 above, or otherwise, the registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment of the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Houston, State of Texas, on December 1, 2009.

CONSTELLATION ENERGY PARTNERS LLC

By: /s/ CHARLES C. WARD  
Charles C. Ward, Chief Financial Officer and Treasurer

## POWER OF ATTORNEY

The undersigned managers and officers of Constellation Energy Partners LLC hereby constitute and appoint Charles C. Ward and Lisa J. Mellencamp, each with full power to act and with full power of substitution and resubstitution, our true and lawful attorneys-in-fact and agents with full power to execute in our name and behalf in the capacities indicated below any and all amendments (including post-effective amendments and amendments thereto) to this registration statement and to file the same, with all exhibits and other documents relating thereto and any registration statement relating to any offering made pursuant to this registration statement that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act with the Securities and Exchange Commission and hereby ratify and confirm all that such attorney-in-fact or his substitute shall lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the date indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ JOHN R. COLLINS</u> John R. Collins	Chairman of the Board	December 1, 2009
<u>/s/ STEPHEN R. BRUNNER</u> Stephen R. Brunner	President, Chief Executive Officer, Chief Operating Officer and Manager (Principal Executive Officer)	December 1, 2009
<u>/s/ CHARLES C. WARD</u> Charles C. Ward	Chief Financial Officer and Treasurer (Principal Financial Officer)	December 1, 2009
<u>/s/ MICHAEL B. HINEY</u> Michael B. Hiney	Chief Accounting Officer and Controller (Principal Accounting Officer)	December 1, 2009
<u>/s/ RICHARD H. BACHMANN</u> Richard H. Bachmann	Manager	December 1, 2009
<u>/s/ JOHN N. SEITZ</u> John N. Seitz	Manager	December 1, 2009
<u>/s/ RICHARD S. LANGDON</u> Richard S. Langdon	Manager	December 1, 2009



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## EXHIBIT INDEX

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*24.1	Power of Attorney (set forth on the signature page of this registration statement).
<hr/>	
+	Incorporated by reference.
*	Filed herewith.

December 1, 2009

Board of Managers  
Constellation Energy Partners LLC  
1801 Main, Suite 1300  
Houston, Texas 77002

Gentlemen:

We have acted as special counsel to Constellation Energy Partners LLC, a Delaware limited liability company (the "Company"), in connection with the registration statement on Form S-8 (the "Registration Statement") filed by the Company with the Securities and Exchange Commission (the "SEC") with respect to the offer and sale by the Company of 1,650,000 common units (the "Units") representing Class B limited liability company interests in the Company pursuant to Constellation Energy Partners LLC 2009 Omnibus Incentive Compensation Plan (the "Plan"). This opinion is being filed with the SEC in accordance with the requirements of Item 8 of Form S-8 and Item 601(b)(5) of Regulation S-K under the Securities Act of 1933, as amended (the "Securities Act").

In rendering the opinion set forth herein, we have examined: (i) originals, or copies, certified or otherwise identified, of: (a) the Plan, (b) the Company's certificate of formation, as amended to date, (c) the Company's Second Amended and Restated Operating Agreement, as amended to date (the "Limited Liability Company Agreement"), (d) certain resolutions adopted by the board of managers of the Company, (e) such other instruments and documents as we have deemed necessary or advisable for the purposes of this opinion; and (ii) such statutes, including the Delaware Limited Liability Company Act, regulations, corporate records and documents, certificates of corporate and public officials, and other instruments and documents as we have deemed necessary or advisable for the purposes of this opinion. We have not independently verified any factual matter relating to this opinion.

In making our examination, we have assumed and have not verified that all signatures on documents examined by us are genuine, the authenticity of all documents submitted to us as originals and the conformity with the original documents of all documents submitted to us as certified, conformed or photostatic copies.

Based on the foregoing and on such legal considerations as we deem relevant, and subject to the qualifications and limitations set forth below, we are of the opinion that the Units have been duly authorized and, when issued in accordance with the Plan, will have been validly issued, fully paid and nonassessable.

We express no opinion other than as to the federal laws of the United States of America and the Delaware Limited Liability Company Act. For purposes of this opinion, we assume that the Units will be issued in compliance with all applicable state securities or Blue Sky laws.

We hereby consent to the filing of this opinion with the SEC as Exhibit 5.1 to the Registration Statement. In giving this consent, we do not thereby admit that we are included in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the SEC.

The opinion expressed herein is as of the date hereof, and we assume no obligation to update or supplement this opinion to reflect any change of fact, circumstance or law after such time.

Very truly yours,

/s/ Andrews Kurth LLP

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Constellation Energy Partners LLC of our report dated February 27, 2009, relating to the financial statements, management's assessment of the effectiveness of internal control over financial reporting and the effectiveness of internal control over financial reporting, which appears in the Annual Report on Form 10-K for the year ended December 31, 2008.

/s/ PricewaterhouseCoopers LLP

\_\_\_\_\_  
PricewaterhouseCoopers LLP

Houston, Texas

December 1, 2009

**CONSENT OF INDEPENDENT PETROLEUM ENGINEERS AND GEOLOGISTS**

As independent petroleum engineers, we hereby consent to the reference to our Firm's name in the Registration Statement on Form S-8 of Constellation Energy Partners LLC for the registration of units representing limited liability company interests.

NETHERLAND, SEWELL & ASSOCIATES, INC

By: /s/ Danny D. Simmons, P.E.

Danny D. Simmons, P.E.

President and Chief Operating Officer

Houston, Texas  
December 1, 2009