STATE OF CALIFORNIA

## Functionally Dedicated Pipeline Biomethane Use by Facilities CEC-RPS-FDP (Revised 05/2015)



TN # 75854 JUN 01 2015

(TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY)
REPORT to the CALIFORNIA ENERGY COMMISSION
Functionally Dedicated Pipeline Biomethane Use by Facilities

## **GENERAL INSTRUCTIONS**

This form is ONLY for reporting the use of biomethane at RPS-Certified facilities that has been delivered via a functionally dedicated pipeline. This form is NOT to be used by RPS-Certified facilities that use biomethane generated onsite, delivered through a dedicated pipeline, or is delivered through a common carrier pipeline as defined in the RPS Eligibility Guidebook. If the facility uses ONLY biomethane and natural gas to generate electricity, the facility is not required to also submit the CEC-RPS-GEN form.

Enter the name of the entity that owns the facility covered by this report, the name of the facility, if different, the RPS certification number of the facility, the Energy Information Administration (EIA) Plant ID of the facility, if available, and the calendar year covered by this report. For the purposes of this form, the term "facility" shall refer to the RPS-certified facility and the term "source" shall refer to the biomethane fuel production facility from which the facility procures renewable fuel.

Entity Name	
Facility Name	
RPS Certification Number	
EIA Plant ID	
Calendar Year Covered by This Report	

This form may be used to report information for **ONLY** one facility. If an entity owns multiple facilities that use biomethane, the entity must report information for each facility using a separate form.

Complete Schedules 7, 8, 9, and 10 with all relevant information for the facility and sources as it appears in the supporting documentation required by the RPS Eligibility Guidebook to be submitted with this form. Energy Commission staff may request that additional information be provided for the facility and sources. If requested, an authorized officer or agent of the entity that owns the facility must provide the additional information. E-mail the completed file to the address shown below. Then print the file, sign the attestation as appropriate, and mail the package to the address shown below:

California Energy Commission e-mail: RPSTrack@energy.ca.gov

Renewable Energy Office Attn: RPS Verification California Energy Commission 1516 9th Street, MS-45 Sacramento, CA 95814-5512

This report is due on April 1st of each year for the previous calendar year.



(TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY)
REPORT to the CALIFORNIA ENERGY COMMISSION
Functionally Dedicated Pipeline Biomethane Use by Facilities

## **Schedule 5 - Biomethane Fuel Procurement Contracts Summary**

**INSTRUCTIONS**: Enter the required information for the biomethane fuel procurement contracts used by the facility covered by this report. Use one row per contract and per source. If a contract covers the use of more than one source, list the contract again for each source. **Do not separate data with blank rows.** 

1	Index	Number each contract consecutively starting with 1.
2	Contract Number	Enter the contract number for the contract.
3	Source Name	Enter the name of the biomethane production facility from which this contract allows procurement.
4	Contract Effective Date	Enter the date the contract became effective. If the contract is renewed monthly, and there has been no change of terms, provide the earliest date.
5	Contract Expiration Date	Enter the date the contract will expire. If the contract is renewed monthly, and there has been no change of terms, provide the most recent expiration date.
6	Maximum Daily (MMBtu)	Enter the maximum daily quantity of biomethane that can be purchased from this source under this contract. If the contract does not specify a maximum daily quantity, leave the field blank.
7	Maximum Monthly (MMBtu)	Enter the maximum monthly quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum monthly quantity, leave the field blank.
8	Maximum Annual (MMBtu)	Enter the maximum annual quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum annual quantity, leave the field blank.
9	Maximum Total (MMBtu)	Enter the maximum total quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum total quantity, leave the field blank.



## **Schedule 6 - Pipeline Transport Contracts Summary**

**INSTRUCTIONS**: Enter the required information for the delivery contracts used by the generator covered by this report. Only include data for one facility on each report. **Do not separate data with blank rows.** 

1	Index	Number each contract consecutively starting with 1.
2	Contract Number	Enter the contract number for the transport contract that covers this segment of the delivery path.
3	Pipeline Name	Enter the name of the pipeline that this segment of the delivery path is covered by.
4	Contract Effective Date	Enter the date the contract became effective. If the contract is renewed monthly, and there has been no change of terms, provide the earliest date.
5	Contract Expiration Date	Enter the date the contract will expire. If the contract is renewed monthly, and there has been no change of terms, provide the most recent expiration date.
6	Maximum Daily (MMBtu)	Enter the maximum daily quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum daily quantity, leave the field blank.
7	Maximum Monthly (MMBtu)	Enter the maximum monthly quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum monthly quantity, leave the field blank.
8	Maximum Annual (MMBtu)	Enter the maximum annual quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum annual quantity, leave the field blank.
9	Maximum Total (MMBtu)	Enter the maximum total quantity that can be transported through the pipeline according to this contract. If the contract does not specify a maximum total quantity, leave the field blank.



## **Schedule 7 - Pipeline Delivery Paths Summary**

**INSTRUCTIONS**: Enter the information for all of the paths used to deliver biomethane to the facility covered by this report from each source. The paths must be complete and listed in order of oldest to most recent based on the period of time during which it was actually used. If a path is used during more than one period of time, it must be listed again for each time that it was used. **Do not separate data with blank rows.** 

1	Delivery Path Index	Each delivery path is composed of a series of pipeline "segments". This field is used to indicate which path each segment is part of. If there is only one delivery path, enter "1" into this field for each segment. Number the paths sequentially. (e.g. One delivery path was used for January to April and was composed of 4 segments. Another delivery path was used from May to December and was composed of 5 segments. In this case, this field would be "1" for the first four rows and "2" for the next five rows.)
2	Segment Index	Each delivery path is composed of a series of pipeline segments. List and number these segments in order from the injection point of the biomethane at the source to the final delivery at the generator for each delivery path.
3	Source Contract Index from Schedule 5	Enter the number from the "Index" field (first column) in Schedule 5 of this form for the biomethane procurement contract and source that this delivery path is for. If the delivery path is for multiple sources and/or contracts, list the delivery path again for each source/contract covered.
4	Transport Contract Index from Schedule 6	Enter the number from the "Index" field (first column) in Schedule 6 of this form for the pipeline transport contract that allows delivery through the pipeline segment beign described in the same row. This is will be the contract that allows for flowing from the POR to the POD on the segment between the start and end dates given for the segment.
5	Delivery Path Is Valid From Start Date & End Date	Enter the dates defining the range during which this delivery path was actually used to deliver gas. These are not contracual dates, these are the actual flow dates. If the same path is used more than once, but is separated in time by the use of another path, list the path again for each time range.
6	POR Entity	Enter the name of the entity that holds ownership of the gas at the point of receipt (POR) for each segment.
7	Pipeline Name	Enter the name of the pipeline that this segment of the delivery path is in.
8	POD Entity	Enter the name of the entity that holds ownership of the gas at the point of delivery (POD) for each segment.



## **Schedule 8 - Fuel Purchases Summary**

**INSTRUCTIONS**: Enter the monthly fuel invoice, injection meter, and total fuel use quantities in MMBtus and the monthly total generation of the RPS-certified electrical generation facility. **Do not separate data with blank rows.** 

## **FOOTNOTES**

1	Source Contract Index from Schedule 5	Enter the number from the "Index" field (first column) in Schedule 5 of this form for the biomethane procurement contract and source that this delivery path is for. If the delivery path is for multiple sources and/or contracts, list the delivery path again for each source/contract covered.
2	Year	Enter the calendar year covered by this report.
3	Month	Choose the month of the year for which the information is reported.
4	Invoiced MMBtu	Enter the monthly invoice totals for biomethane purchases. For facilities with multiple generating units, each with separate WREGIS ID numbers, enter the monthly amount for the entire facility.
5	Injected MMBtu	Enter the monthly amount of biomethane injected into the pipeline system by the biomethane source according to the pipeline meter data. For facilities with multiple generating units, each with separate WREGIS ID numbers, enter the monthly amount for the entire facility.

## Schedule 9 - Fuel Delivery Summary

**INSTRUCTIONS**: Enter the monthly receipt and delivery quantities of gas in MMBtus for each pipeline segment and month. **Do not separate data with blank rows.** 

1	Delivery Path Index	Each delivery path is composed of a series of pipeline "segments". This field is used to indicate which path each segment is part of. If there is only one delivery path, enter "1" into this field for each segment. Number the paths sequentially. (e.g. One delivery path was used for January to April and was composed of 4 segments. Another delivery path was used from May to December and was composed of 5 segments. In this case, this field would be "1" for the first four rows and "2" for the next five rows.)
2	Segment Index	Each delivery path is composed of a series of pipeline segments. List and number these segments in order from the injection point of the biomethane at the source to the final delivery at the generator for each delivery path.
3	Year	Enter the calendar year covered by this report.
4	Month	Choose the month of the year for which the information is reported.



5	MMRtu	Enter the monthly amount of biomethane received into the pipeline from the biomethane source that is nominated to the electricity generating facility according to the pipeline nomination reports.
6	I IAIIVARAA	Enter the monthly amount of biomethane delivered by the pipeline into another pipeline, gas carrier, or to the RPS-certified electrical generation facility.

## Schedule 10 - Fuel Use Summary

**INSTRUCTIONS**: Enter the monthly fuel invoice, injection meter, and total fuel use quantities in MMBtus and the monthly total generation of the facility. **Do not separate data with blank rows.** 

1	WREGIS GU ID	Enter the Western Renewable Energy Generation Information System Generating Unit (WREGIS) Identification number for the facility, if WREGIS has assigned a WREGIS GU ID. If the facility has multiple generating units, each with its own WREGIS ID, and the generation from each unit is reported using the unit-specific WREGIS GU ID, report the monthly generation for each unit using the unit-specific WREGIS GU ID on separate rows.
2	Year	Enter the calendar year covered by this report.
3	Month	Choose the month of the year for which the information is reported.
4	Net Generation (MWh)	Enter the monthly net generation amount in MWh for the RPS-certified electrical generation facility. If a facility has multiple generating units, and generation from each unit is reported using the unit-specific WREGIS ID, specify the monthly generation for each unit on a separate row using the unit-specific WREGIS ID number.
5	Biomethane (MMBtu)	Enter the final amount of biomethane delivered to the generator. For facilities with multiple generating units, each with separate WREGIS ID numbers, enter the monthly amount for the entire facility.
6	Total Pipeline Gas (MMBtu)	Enter the total amount of fuel used at the RPS-certified electrical generation facility according to the pipeline meter at the facility. If a facility has multiple generating units, each with its own WREGIS ID number, and generation from each unit is reported using the unit-specific WREGIS ID, specify the amount of fuel used by each unit.



	Maximum Total (MMBtu) <sup>8</sup>													
CILITY	Maximum Annual (MMBtu) <sup>7</sup>													
SENT OF FA	Maximum Monthly (MMBtu) <sup>7</sup>													
5: TO BE COMPLETED BY OFFICER OR AGENT OF Biomethane Fuel Procurement Contracts Summary	Maximum Daily (MMBtu) <sup>6</sup>													
ED BY OFFI ocurement	Contract Expiration Date <sup>4</sup>													
COMPLETI	Contract Effective Date <sup>3</sup>													
Schedule 5: TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY Biomethane Fuel Procurement Contracts Summary	Source Name <sup>5</sup>													
Sc	Contract Number <sup>2</sup>													
	Index													

May 2015



	Maximum Total (MMBtu) <sup>9</sup>													
	Ma													
<b>ACILITY</b>	Maximum Annual (MMBtu) <sup>8</sup>													
SENT OF F/	Maximum Monthly (MMBtu) <sup>7</sup>													
OMPLETED BY OFFICER OR AGEI ine Transport Contracts Summary	Maximum Daily (MMBtu) <sup>6</sup>													
ED BY OFFI sport Contra	Contract Expiration Date <sup>5</sup>													
COMPLET	Contract Effective Date <sup>4</sup>													
Schedule 6: TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY Pipeline Transport Contracts Summary	Pipeline Name³													
S	Contract Number <sup>2</sup>													
	Index													

May 2015

# STATE OF CALIFORNIA Functionally Dedicated Pipeline Biomethane Use by Facilities GEC-RPS-FDP (Revised 06/2015)



			 -										 	
	POD Entity <sup>8</sup>													
Schedule 7: TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY Pipeline Delivery Paths Summary	Pipeline Name <sup>7</sup>													
ER OR AGENT Summary	POR Entity <sup>6</sup>													
COMPLETED BY OFFICER OR AC Pipeline Delivery Paths Summary	Delivery Path Was Used From <sup>5</sup>	End Date												
OMPLETE! ipeline Deli		Start Date												
TO BE C	Transpor Contract Index fro	Schedule 6 4												
hedule 7:	Source Contract Index from	Schedule 5												
Sc	Segment	Y S S S S S S S S S S S S S S S S S S S												
	Delivery Path	Index												

May 2015



# Schedule 8: TO BE COMPLETED BY OFFICER OR AGENT OF **FACILITY Fuel Purchases Summary Source Contract** Index from Year<sup>2</sup> Month<sup>3</sup> Invoiced MMBtu<sup>4</sup> Injected MMBtu<sup>5</sup> Schedule 5<sup>1</sup>



# Schedule 9: TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY **Fuel Delivery Summary Delivery Path** Segment Index Index from from Schedule Year<sup>3</sup> Month<sup>4</sup> Received MMBtu<sup>5</sup> Delivered MMBtu<sup>6</sup> 7<sup>2</sup> Schedule 7<sup>1</sup>



# Schedule 10: TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY **Fuel Use Summary** Biomethane **Total Pipeline Gas Net Generation** WREGIS GU ID1 Year<sup>2</sup> Month<sup>3</sup> (MWh)<sup>4</sup> (MMBtu)<sup>6</sup> (MMBtu)<sup>5</sup>



# Schedule 11: TO BE COMPLETED BY OFFICER OR AGENT OF

			FACI	LITY		
Outage Affecting (Source, Pipeline, Facility):	Affecting WREGIS (Source, Pipeline,			Amount of Biomethane Injected Into the Pipeline	Amount Withdrawn at the Electrical Generating Facility	Biomethane Quantity Injected into the Pipeline but Undelivered
Choose One:				add a footnote to this explaining "total amount for the month of outage"	add a footnote to this explaining "total amount for the month of outage"	

## Functionally Dedicated Pipeline Biomethane Use by Facilities

CEC-RPS-FDP (Revised 05/2015)



## (TO BE COMPLETED BY OFFICER OR AGENT OF FACILITY) REPORT to the CALIFORNIA ENERGY COMMISSION **Functionally Dedicated Pipeline Biomethane Use by Facilities**

I am an authorized officer or agent of the entity that owns the RPS-certified electrical generation facility, as noted below, and hereby submit this report and attest to the following on behalf of said entity:

- 1) I am an authorized officer or agent of the entity that owns the RPS-certified electrical generation facility, as noted below and for which this report was prepared, and have authority to submit this report on behalf of said company;
- 2) The information and data provided in this report is submitted to the California Energy Commission for use in verifying the quantities of biomethane used by the RPS-certified electrical generation facility noted below, the corresponding amount of electricity generated by the RPS-certified electrical generation facility, and the delivery path(s) used to deliver the biomethane to the RPS-certified electrical generation facility, for purposes of the RPS and in accordance with the Energy Commission's Renewables Portfolio Standard Eligibility Guidebook;
- 3) The RPS-certified electrical generation facility for which this report was prepared is the final and sole owner of all biomethane fuel identified in this report;
- 4) The biomethane fuel identified in this report and its delivery to the RPS-certified electrical generation facility satisfies all the requirements for biomethane as described in the Renewables Portfolio Standard Eligibility Guidebook:
- 5) To the best of my knowledge, none of the electricity generated by the RPS-certified electrical generation facility as identified in this report, nor any of the renewable energy certificates, as defined in the Renewables Portfolio Standard Eligibility Guidebook, associated with electricity generation, has been or will be used, sold, retired, claimed, or represented as part of electricity generation more than once to satisfy RPS procurement requirements or voluntary contributions;
- 6) I have read the Renewables Portfolio Standard Eligibility Guidebook and understand the provisions, eligibility criteria, and requirements of the guidebook and my responsibilities under the guidebook, including my responsibilities to provide additional information for RPS verification purposes, if requested by the Energy Commission.
- 7) I declare under penalty of perjury that the information and data provided in this report is true and correct to the best of my knowledge.

Signed:	Dated:
Authorized Offi	cer or Agent of Entity That Owns RPS-Certified Facility
Name:	
Title:	
Phone:	
E-mail:	
Fax:	
	<b>Entity That Owns RPS-Certified Facility</b>
Entity Name:	
Street Address:	
City, State, Zip Code:	



List of Supporting Documentation Attached to This Report		
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		
21.		
22.		
23.		
24.		
25.		
26.		
27.		
28.		
29.		
30.		
31.		
32.		
33.		
34.		
35.		
36.		
37.		
38.		
39.		
40.		