Issued Date: 08/6/2010 Revised Date: 1/6/2012

The RFS0901 RFS2 Production Outlook Report is required for registered RIN generating renewable fuel producers and importers to provide expected renewable fuel production or imports at each registered and planned facility, pursuant to §80.1449.

The report is used to submit renewable fuel volume production and import expectations, and RIN generation expectations. Parties are required to provide renewable fuel volumes and RINs on separate rows of this report. Parties may only report one D code, feedstock, and fuel type per row.

Renewable fuel producers who are not registered and accepted with the RFS2 program may choose to submit the information contained in this report on a voluntary basis.

Reports indicating zero projected production value are required to be filed for any registered RIN generator.

This report is due annually on June 1.

The following fields have been updated:

- All fields are required to be filled in.
- All fields have been updated to reflect that the information must be reported for both VOL and RIN submissions.
- Field 6: Company/Entity ID: Any company who is not registered and accepted with the RFS2 program who is choosing to submit the RFS0901 on a voluntary basis must enter a company ID of 9999.
- Field 13: Feedstocks: All feedstocks must be reported on separate rows of this report, regardless of the D code.
- Fields 16 through 27: Projected renewable fuel production or RIN generation for the month is required.
- Fields 28 through 31: Projected renewable fuel production or RIN generation total for the year is required.

Note: If a code has been introduced after the last revision date on this form, please refer to the EMTS Reporting Codes and Fuel Pathways for the correct code (e.g. approval of petition under 40 CFR 80.1415). This document can be found on the EMTS Documents webpage: http://www.epa.gov/otaq/fuels/renewablefuels/emtshtml/emtsdocuments.htm

Please check the RFS reporting web site for updated instructions and templates: <u>http://www.epa.gov/otaq/fuels/reporting/rfs.htm</u>

For information on submitting this report using EPA's Central Data Exchange (CDX) visit: <u>http://www.epa.gov/otaq/fuels/reporting/cdx.htm</u>

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
1.	Report Form ID		AAAAAAA; Character.
			RFS0901: Form ID for the RFS2 Production Outlook Report

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
2.	Report Type		A ; <i>Character</i> . Indicate whether this is the original report or a resubmission. Submit only one Original report, submit any corrections or updates as Resubmission(s):
			O: Original R: Resubmission
3.	СВІ		A ; <i>Character</i> . Specify if the data contained within the report is being claimed as Confidential Business Information (CBI) under 40 CFR Part 2, subpart B:
			Y: Confidential Business Information N: Non-Confidential Business Information
4.	Report Date		MM/DD/YYYY ; <i>Date</i> . Enter the date the original or resubmitted report is submitted.
5.	Report Year		YYYY ; <i>Character</i> . Indicate the compliance period (year) of the report.
6.	Company/Entity ID		 9999; Number. Enter the four-digit, EPA-assigned company/entity ID. ####: The four digit EPA-assigned company ID. 9999: Any renewable fuel producer who is not currently registered and accepted with the RFS2 program who is voluntarily submitting the RFS0901.
7.	Company Name		AAAAAAA; Character (125 Max). The reporting party's name (Your company name).
8.	Facility ID		 99999; Number. Producers and Importers who generate RINs must reference individual facility ID numbers. Please include all preceding zeros in five digit facility ID numbers. #####: The five <i>digit</i> EPA-assigned facility ID. 99999: If facility is unregistered and/or still in planning stage.
9.	Report Information Type		AAA ; <i>Character</i> . Indicate the report information type for the specific row of data:
			VOL: Volume Information
			RIN : RIN quantity Information
			Note: Parties are required to provide renewable fuel volumes and RINs on separate rows of the report.

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
10.	Fuel D Code		AA ; <i>Character</i> . Indicate the Fuel D Code. Only one D code may be entered per row.
			3: Cellulosic biofuel
			4: Biomass-based diesel
			5: Advanced biofuel
			6: Renewable fuel
			7: Cellulosic diesel
			NA: At least one of the following:
			 Not an approved pathway or does not appear in Table 1 in 40 CFR 80.1426- No D Code assigned;
			 Volume Exceeds Baseline and does not qualify for a D code; or
			VOL entered in line 9
			Note: If VOL entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN"

Field			
No.	Field Name	Units	Field Formats, Codes, & Special Instructions
11.	Fuel Type		999 ; <i>Number</i> . Indicate code corresponding to the Fuel Type. Only one Fuel Type may be entered per row.
			20 : Biodiesel (EV 1.5)
			80: Biogas
			70: Butanol (EV 1.3)
			30: Cellulosic Diesel
			60: Cellulosic Ethanol (EV 1.0)
			100: Cellulosic Heating Oil
			90: Cellulosic Jet Fuel
			110: Cellulosic Naphtha
			160 : LPG
			130: Naphtha
			10: Non-cellulosic Ethanol (EV 1.0)
			140: Non-cellulosic Jet Fuel
			40: Non-ester Renewable Diesel (EV 1.7)
			41: Non-ester Renewable Diesel (EV 1.6)
			42: Non-ester Renewable Diesel (EV 1.5)
			150: Heating Oil (EV 1.6)
			151: Heating Oil (EV 1.1)
			152 : Heating Oil (EV 1.2)
			888: Other
			Note: This field is required for both "VOL" and "RIN".
12.	Other Fuel Type Description		AAAA ; <i>Character</i> (125 max). If "888" is listed in line 11, enter a description of the fuel type. If not applicable, enter "NA."
			Note: This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
13.	Feedstock(s)		999 ; <i>Number</i> . Indicate code(s) corresponding to the feedstock(s) for fuel. Each feedstock must be entered on a separate row, regardless of the D code.
			Biodiesel and/or Non-ester Renewable Diesel
			160: Biogenic Waste Oils/Fats/Greases
			200: Non-food grade corn oil
			210: Soy bean Oil
			230: Algal Oil
			240: Oil from Annual Covercrops
			360: Canola/Rapeseed Oil
			400: Camelina Oil
			Cellulosic (Diesel, Ethanol, Heating Oil, Jet Fuel, and/or Naphtha)
			70: Cellulosic Biomass – Agricultural Residues
			250: Cellulosic Biomass – Annual Cover Crops
			260: Cellulosic Biomass - Forest Product Residues
			270: Cellulosic Biomass - Forest Thinnings
			90: Cellulosic Biomass – Miscanthus
			220 : Cellulosic Biomass - Separated Municipal Solid Waste
			280: Cellulosic Biomass - Separated Food Wastes
			140: Cellulosic Biomass - Separated Yard Wastes
			290 : Cellulosic Biomass – Slash
			80: Cellulosic Biomass – Switchgrass
			410: Cellulosic Biomass – Giant Reed
			420: Cellulosic Biomass - Energy Cane
			430: Cellulosic Biomass - Napiergrass
			Ethanol and/or Butanol
			300: Starch - Agricultural Residues
			310: Starch - Annual Covercrops
			10: Starch – Corn
			120: Sugarcane
			<u>Biogas</u>
			320: Manure Digesters
			330: Landfills
			340: Sewage and Waste Treatment Plants

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
13.	Feedstock(s) (ctd.)		Ethanol, Renewable Diesel, Heating oil, Jet Fuel, and/or Naphtha 350: Non-Cellulosic Portions of Separated Food Wastes Other 888: Other
			Note: This field is required for both "VOL" and "RIN".
14.	Other Feedstock Description		AAAA; <i>Character</i> (125 max). If feedstock is not listed and "888" is listed in line 14, enter a description of the feedstock. If not applicable, enter "NA."
			Note: This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
15.	Production Process		999; <i>Number</i> : Indicate code corresponding to the Production Process. Only one Production Process may be entered per row.
			Biodiesel (mono-alkyl ester) 180: Transesterification, Dedicated Renewable Biomass
			Facility
			870: Transesterification, Co-processing Facility900: Endicott Process, Dedicated Renewable BiomassFacility
			910: Endicott Process, Co-processing Facility
			Cellulosic (Diesel, Ethanol, Heating Oil, Jet Fuel, and/or
			Naptha)
			280: Cellulosic Production Process
			290: Fischer-Tropsch Process
			Ethanol and/or Butanol
			300: Dry Mill, Biogas Fired (50% or less of DGS dried annually)
			310: Dry Mill, Biogas Fired (CHP, 65% or less of DGS dried annually)
			320: Dry Mill, Biogas Fired (CHP, Corn Oil Fractionation)
			330: Dry Mill, Biogas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction)
			340: Dry Mill, Biogas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation)
			350: Dry Mill, Biogas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			360: Dry Mill, Biogas Fired (Corn Oil Extraction, 65% or less of DGS dried annually)
			370: Dry Mill, Biogas Fired (Corn Oil Extraction, Membrane Separation)
			380: Dry Mill, Biogas Fired (Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			390: Dry Mill, Biogas Fired (Corn Oil Fractionation, 65% or less of DGS dried annually)
			400: Dry Mill, Biogas Fired (Corn Oil Fractionation, Corn Oil Extraction)
			410: Dry Mill, Biogas Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation)

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
15.	Production Process (ctd.)		420: Dry Mill, Biogas Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			430: Dry Mill, Biogas Fired (Membrane Separation, 65% or less of DGS dried annually)
			440: Dry Mill, Biogas Fired (Membrane Separation, Raw Starch Hydrolysis)
			450: Dry Mill, Biogas Fired (Raw Starch Hydrolysis, 65% or less of DGS dried annually)
			460: Dry Mill, Biomass Fired (50% or less of DGS dried annually)
			470: Dry Mill, Biomass Fired (CHP, 65% or less of DGS dried annually)
			480: Dry Mill, Biomass Fired (CHP, Corn Oil Fractionation)
			490: Dry Mill, Biomass Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction)
			 500: Dry Mill, Biomass Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation) 510: Dry Mill, Biomass Fired (CHP, Corn Oil
			Fractionation, Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			520: Dry Mill, Biomass Fired (Corn Oil Extraction, 65% or less of DGS dried annually)
			530: Dry Mill, Biomass Fired (Corn Oil Extraction, Membrane Separation)
			540: Dry Mill, Biomass Fired (Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			550: Dry Mill, Biomass Fired (Corn Oil Fractionation, 65% or less of DGS dried annually)
			560: Dry Mill, Biomass Fired (Corn Oil Fractionation, Corn Oil Extraction)
			570: Dry Mill, Biomass Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation)
			580: Dry Mill, Biomass Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
15.	Production Process (ctd.)		590: Dry Mill, Biomass Fired (Membrane Separation, 65% or less of DGS dried annually)
			600: Dry Mill, Biomass Fired (Membrane Separation, Raw Starch Hydrolysis)
			610: Dry Mill, Biomass Fired (Raw Starch Hydrolysis, 65% or less of DGS dried annually)
			620: Dry Mill, Natural Gas Fired (50% or less of DGS dried annually)
			20: Dry Mill, Natural Gas Fired (CHP, 65% or less of DGS dried annually)
			630: Dry Mill, Natural Gas Fired (CHP, Corn Oil Fractionation)
			640: Dry Mill, Natural Gas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction)
			650: Dry Mill, Natural Gas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation
			660: Dry Mill, Natural Gas Fired (CHP, Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation Raw Starch Hydrolysis)
			670: Dry Mill, Natural Gas Fired (Corn Oil Extraction, 65% or less of DGS dried annually)
			680: Dry Mill, Natural Gas Fired (Corn Oil Extraction, Membrane Separation)
			690: Dry Mill, Natural Gas Fired (Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			700: Dry Mill, Natural Gas Fired (Corn Oil Fractionation, 65% or less of DGS dried annually)
			710: Dry Mill, Natural Gas Fired (Corn Oil Fractionation, Corn Oil Extraction)
			720: Dry Mill, Natural Gas Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation)
			730: Dry Mill, Natural Gas Fired (Corn Oil Fractionation, Corn Oil Extraction, Membrane Separation, Raw Starch Hydrolysis)
			740: Dry Mill, Natural Gas Fired (Membrane Separation, 65% or less of DGS dried annually)
			750: Dry Mill, Natural Gas Fired (Membrane Separation, Raw Starch Hydrolysis)

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
15.	Production Process (ctd.)		760: Dry Mill, Natural Gas Fired (Raw Starch Hydrolysis, 65% or less of DGS dried annually)
			770: Wet Mill, Biomass Fired
			780: Wet Mill, Biogas Fired
			790: Fermentation (Sugarcane only)
			800: Fermentation using biomass for process energy
			810: Fermentation using natural gas for process energy
			820: Fermentation using biogas for process energy
			830: Grandfathered (Dry Mill, Biogas Fired)
			110: Grandfathered (Dry Mill, Biomass Fired)
			60: Grandfathered (Dry Mill, Coal Fired)
			10: Grandfathered (Dry Mill, Natural Gas Fired)
			840: Grandfathered (Wet Mill, Biogas Fired)
			140: Grandfathered (Wet Mill, Biomass Fired)
			130: Grandfathered (Wet Mill, Coal Fired)
			120: Grandfathered (Wet Mill, Natural Gas Fired)
			<u>Other</u>
			888: Grandfathered (other)
			Non-ester Renewable Diesel
			200: Hydrotreating, Dedicated Renewable Biomass Facility
			190: Hydrotreating, Co-processing Facility
			880: Triton Process, Dedicated Renewable Biomass Facility
			890: Triton Process, Co-processing Facility
			920: Global Energy Resources Process, Dedicated Renewable Biomass Facility
			930: Global Energy Resources Process, Co-processing Facility
			940 : New Generation Biofuels Classic Process, Dedicated Renewable Biomass Facility
			950: CWT Process, Dedicated Renewable Biomass Facility
			960: CWT Process, Co-processing Facility
			970: New Generation Biofuels Classic Process, Dedicated Renewable Biomass Facility
			980: Viesel Fuel Inc Process, Dedicated Renewable Biomass Facility
			850: Biogas Production
			Ethanol, Renewable Diesel, Heating oil, Jet Fuel, and/or Naphtha
			860: Eligible Renewable Fuels From Non-Cellulosic Portions of Separated Food Wastes Process
			Note: This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
16.	Next Calendar January Production/ Generation (Current year+1)	Gallons or RINs	 99999999; Number. Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in January of the next calendar year. Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons. If RIN entered in line 9, indicate the RIN quantity expected
			to be generated by the producer or importer for the month. This field is required for both "VOL" and "RIN".
17.	Next Calendar February Production/ Generation (Current year+1)	Gallons or RINs	 99999999; Number. Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in February of the next calendar year. Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons. If RIN entered in line 9, indicate the RIN quantity expected to be produced or imported for the month, in gallons.
			to be generated by the producer or importer for the month This field is required for both "VOL" and "RIN"
18.	Next Calendar March Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in March of the next calendar year.
			Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month
			This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
19.	Next Calendar April Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in April of the next calendar year.
			Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".
20.	Next Calendar May Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in May of the next calendar year.
			Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".
21.	Next Calendar June Production/ Generation	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in June of the next calendar year.
	(Current year+1)		Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
22.	Next Calendar July Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in July of the next calendar year.
			Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".
23.	Next Calendar August Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in August of the next calendar year.
	(ounent year+1)		Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".
24.	Next Calendar September Production/ Generation (Current year+1)	Gallons or RINs	99999999; <i>Number.</i> Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in September of the next calendar year.
			Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
25.	Next Calendar October Production/ Generation (Current year+1)	Gallons or RINs	 99999999; Number. Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in October of the next calendar year. Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons. If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month.
			This field is required for both "VOL" and "RIN".
26.	Next Calendar November Production/ Generation (Current year+1)	Gallons or RINs	 99999999; Number. Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in November of the next calendar year. Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons. If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month. This field is required for both "VOL" and "RIN".
27.	Next Calendar December Production/ Generation (Current year+1)	Gallons or RINs	 99999999; Number. Indicate the volume of renewable fuel expected to be produced or imported, or RIN generation expected, in December of the next calendar year. Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the month, in gallons. If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the month. This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
28.	Production/ Generation for the Second Future Calendar Year (Current year+2)	Gallons or RINs	 99999999; Number. Indicate the total volume of renewable fuel expected to be produced or imported, or RIN generation expected. Note: If VOL entered in line 9, indicate the total volume of renewable fuel expected to be produced or imported for the second future calendar year. If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the
			This field is required for both "VOL" and "RIN".
29.	Production/ Generation for the Third Future Calendar Year (Current year+3)	Gallons or RINs	 99999999; Number. Indicate the total volume of renewable fuel expected to be produced or imported, or RIN generation expected. Note: If VOL entered in line 9, indicate the total volume of renewable fuel expected to be produced or imported for the third future calendar year.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the third future calendar year.
			This field is required for both "VOL" and "RIN".
30.	Production/ Generation for the Fourth Future Calendar Year (Current year+4)	Gallons or RINs	99999999; <i>Number.</i> Indicate the total volume of renewable fuel expected to be produced or imported, or RIN generation expected.
			Note: If VOL entered in line 9, indicate the total volume of renewable fuel expected to be produced or imported for the fourth future calendar year.
			If RIN entered in line 9, indicate the RIN quantity expected to be generated by the producer or importer for the fourth future calendar year.
			This field is required for both "VOL" and "RIN".

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
31.	Production/ Generation for the Fifth Future Calendar Year	Gallons or RINs	99999999; <i>Number.</i> Indicate the total volume of renewable fuel expected to be produced or imported, or RIN generation expected.
	(Current year+5)		Note: If VOL entered in line 9, indicate the volume of renewable fuel expected to be produced or imported for the fifth future calendar year.
			If RIN entered in line 9, indicate the total RIN quantity expected to be generated by the producer or importer for the fifth future calendar year.
			This field is required for both "VOL" and "RIN".
32.	Planned Expansion Date		MM/DD/YYYY ; <i>Date</i> . Please enter the projected date of any planned facility expansion in the next five (5) calendar years. If an expansion is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
33.	Strategic Planning Date		MM/DD/YYYY ; <i>Date.</i> Please enter in the projected date of any current strategic planning for any planned new construction or expansion in the next five (5) calendar years. If a potential strategic planning date is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
			Description: Strategic planning occurs once upper management has determined that a regulation will affect a facility—it is at this stage that upper management decides on a response to the regulation that will position the company most advantageously relative to its competitors. Input may include order-of-magnitude estimates of what compliance costs could be; or, how the bottom line may be affected if the decision is made not to comply and to instead shift product into other markets. Specific planning begins once management determines that, strategically, compliance will be necessary and will require the expenditure of significant capital. The decision to hire an outside engineering firm may be made at this time. The length of time required for this stage varies by facility or company, depending on size, complexity, and the number of facilities. It is nearly impossible to precisely project how much time a specific refinery may need to complete this stage.

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
34.	Planning/ Front- end engineering Date		MM/DD/YYYY ; <i>Date</i> . Please enter the projected date of any planning and front-end engineering that has taken place or will take place for any planned new construction or expansion in the next five (5) calendar years. If planning/front-end engineering is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
			Description: Accurate and complete information is gathered during this stage so that preliminary process engineering work can proceed; and initial contacts made with technology vendors to find the best, least expensive technology options. Detailed engineering cannot begin until this stage is mostly complete. The length of time required for this stage varies by facility.
35.	Detailed Engineering/ Permitting Date		MM/DD/YYYY ; <i>Date</i> . Please enter the projected date of any detailed engineering and permitting that has taken place or will take place for any planned new construction or expansion in the next five (5) calendar years. If detailed engineering/permitting is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
			Description: Detailed engineering usually overlaps with the preceding and the following stages, and includes construction planning and procuring contracts (since actual construction cannot be started until construction permits are issued).
36.	Procurement/ Construction Date		MM/DD/YYYY ; <i>Date.</i> Please enter the projected date of any procurement and construction that has taken place or will take place for any planned new construction or expansion in the next five (5) calendar years. If a procurement/ construction date is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
			Description: This stage necessarily overlaps with the preceding stage. Procurement includes purchasing long-lead items necessary for construction of a new facility; once permits are issued, construction can begin in earnest.

RFS2 Production Outlook Report

Report Form ID: RFS0901

Issued Date: 08/6/2010 Revised Date: 1/6/2012

Field No.	Field Name	Units	Field Formats, Codes, & Special Instructions
37.	Commissioning/ Start-up Date		MM/DD/YYYY ; <i>Date</i> . Please enter the projected date of any commissioning and start-up that has taken place or will take place for any planned expansion or new construction in the next five (5) calendar years. If a commissioning/start-up date is unknown or not yet planned, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
			Description: Depending on the complexity of the project, commissioning and startup usually happen together. A critical part of commissioning and startup is the Occupational Safety and Health Administration's (OSHA) "Process Hazard Analysis", a very complicated and time consuming, multi-part procedure that must be completed and signed-off on before startup can proceed. For this, accurate, final construction and as-built drawings, including complete piping and instrument diagrams, must be completed.
38.	Capital Commitments		AAAAAAA ; <i>Character</i> (1000 max). Please enter in a short narrative of all capital commitments for any planned expansion or new facility. If no additional information, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".
			This field is required for both "VOL" and "RIN".
39.	Additional Comments/ Description		AAAAAAA; <i>Character</i> (1000 max). Please enter in any additional comments or planned expansion or construction description. If no additional comments, enter "NA".
			Note: If "RIN" entered in line 9, enter "NA".

Sample report line:

RFS0901,O,Y,03/21/2012, 2013,1234,"Sample Company Inc", 23456, **RIN**, 20, NA, 210, NA,180, 4, 1, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 15000, 180000, 180000,180000,NA,NA,NA,NA,NA,NA, NA

Issued Date: 08/6/2010 Revised Date: 1/6/2012

Paperwork Reduction Act Statement

The public reporting and recordkeeping burden for this collection of information is disclosed in the estimates of the individual report form instructions. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.