

DOCKETED

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Project Title:	Larkspur Energy Facility
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Description:	N/A
Filer:	Wayne Forsyth
Organization:	DGC
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Declaration

Plant Name
Larkspur Energy, LLC

CEC Plant ID: G0819
EIA Plant ID: 55542

Person submitting the Report: Wayne Forsyth
EHS & Regulatory Manager
Diamond Generating Corporation
633 West Fifth Street, Suite 2700
Los Angeles, CA 90071
(213) 473-0093
(213) 620-1170 fax
w.forsyth@dgc-us.com

Company responsible for submitting the Report: Diamond Generating Corporation
633 West Fifth Street, Suite 2700
Los Angeles, CA 90071
(213) 473-0093
(213) 620-1170 fax
w.forsyth@dgc-us.com

Reporting Period: 2019, quarter 4

I certify under the penalty of perjury of the laws of the State of California that I am authorized by [Diamond Generating Corporation](#) to submit the enclosed report. This report fulfills the requirement for CCR, Title 20, Division 2, Section 1304. The matters contained in this report are, to the best of my knowledge and belief and based on diligent investigation, true, accurate, complete and in compliance with these regulations.



Wayne Forsyth,
EHS & Regulatory Manager

January 22, 2020
Date

Signed declaration to be submitted to: California Energy Commission

1. via email to QFERGEN@energy.state.ca.us as a PDF attachment or;
2. via facsimile to (916) 654-4559 or;
3. via US postal mail to 1516 Ninth Street, MS-20, Sacramento CA 95814

Reporting Period

Year: 2019

Quarter: 4

Line No.	One Schedule 1-A for each power plant.	
1	Plant Name	LarkspurEnergy LLC
2	CEC Plant ID	G0819
3	EIA Plant ID	55542
4	Qualifying Facility ID	N/A
5	Plant Location	
a	Street Address	9355 Otay Mesa Road
b	City	San Diego
c	County	San Diego
d	State	CA
e	Zip Code	92154
f	Latitude (optional)	32.567041,0
g	Longitude (optional)	-116.944197
h	Operating Mode (specify) (1)	Peaking
6	Plant Owner	
a	Full Legal Name	Wildflower Energy LP
b	Street Address	633 West Fifth Street, Suite 2700
c	City	Los Angeles
d	State	CA
e	Zip Code	90071
7	Plant Operator	(Leave blank if same as owner)
a	Full Legal Name	DGC Operations, LLC
b	Street Address	633 West Fifth Street, Suite 2700
c	City	Los Angeles
d	State	CA
e	Zip Code	90071
8	Nameplate Capacity (MW)	90
9	Number of Generators	2
10	NAICS Code of Thermal Host if Cogeneration	N/A
11	NAICS Code of Direct Onsite User of Electricity	N/A
12	Date of Sale (during Reporting Period)	N/A
13	Purchaser of Plant (during Reporting Period)	N/A
a	Full Legal Name	Diamond Generating Corporation
b	Street Address	633 West Fifth Street, Suite 2700
c	City	Los Angeles
d	State	CA
e	Zip Code	90071
f	Contact Person	Wayne R. Forsyth
g	Telephone Number	(213) 473-0093
Notes	<p>(1) Operating Mode: For example, independent power producer, cogeneration, dispatched as part of a demand side management program, parallel operation with utility deliveries in order achieve premium power reliability, customer-dispatched to reduce delivered energy charges, peak shaving, emergency/backup/interruptible, load-following; control and stabilization; synchronous condenser; spinning reserve, etc. Please specify.</p> <p>(2) Interconnection Agreement Type. For example, interconnection agreements required by interconnection standards adopted in California Public Utilities Commission D.00-12-037 and in modifications to that decision, net energy metering agreement.</p>	

CEC-1304 Schedule 1 Part B

Generator Information

Plant Name
Larkspur Energy, LLC

Reporting Period	
Year:	2019
Quarter:	4
CEC Plant ID:	G0819
EIA Plant ID:	55542

Line No.		
1	Generator (Unit) ID	Larkspur 1
2	Generator Nameplate Capacity (MW)	45.00
3	Date of Initial Operation	July 18, 2001
4	Operating Status	Operating
5	Date of Retirement (if retired during reporting period)	
6	Prime Mover Type	GT
7	Primary Fuel	NG
	Primary Fuel Physical Units	MCF
8	Secondary Fuel	DFO
	Secondary Fuel Physical Units (MCF, bbl., ton or other)	bbl
9	Number of Wind Turbines	0
10	Part of Combined-cycle Unit? (Yes/No)	No

Notes

Reporting Period

Year: 2019

Quarter: 4

Plant Name
Larkspur Energy, LLC

CEC Plant ID: G0819

EIA Plant ID: 55542

Line No.		
1	Generator (Unit) ID	Larkspur 2
2	Generator Nameplate Capacity (MW)	45.00
3	Date of Initial Operation	July 18, 2001
4	Operating Status	Operating
5	Date of Retirement (if retired during reporting period)	
6	Prime Mover Type	GT
7	Primary Fuel	NG
	Primary Fuel Physical Units	MCF
8	Secondary Fuel	DFO
	Secondary Fuel Physical Units (MCF, bbl., ton or other)	bbl
9	Number of Wind Turbines	0
10	Part of Combined-cycle Unit? (Yes/No)	No

Notes

CEC-1304 Schedule 2 Part A

Generation and Fuel Use by Generator

Reporting Period

One Schedule 2-A for each generator (unit) in plant.

Year: 2019

Quarter: 4

CEC Plant ID: G0819

EIA Plant ID: 55542

Generator (Unit) ID: Larkspur 1

Plant Name:

Larkspur Energy, LLC

Month	Gross MWh	Net MWh	Primary Energy Source :				Secondary Energy Source:			
			Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)
January	887	865	8,749	9,186	100					
February	1,210	1,181	11,784	12,373	100					
March	1,163	1,134	11,669	12,252	100					
April	2,000	1,950	20,188	21,197	100					
May	2,200	2,144	22,183	23,292	100					
June	5,641	5,492	56,925	59,771	100					
July	6,217	6,057	63,552	66,730	100					
August	4,326	4,208	44,047	46,249	100					
September	1,846	1,794	18,877	19,820	100					
October	1,249	1,214	12,761	13,399	100					
November	690	672	6,840	7,182	100					
December	522	507	5,184	5,443	100					
Annual Total (2)	27,951	27,219	282,758	296,896	100					

Notes:

(1) Fuel Cost and Fuel Supplied by Tolling Agreement is required for plants of 50 MW or more. Fuel Cost is for any portion of fuel not supplied through a tolling agreement. Fuel Cost will be kept confidential.

(2) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.

(1 MMBtu = 10 therms)

CEC-1304 Schedule 2 Part A

Generation and Fuel Use by Generator

Reporting Period

One Schedule 2-A for each generator (unit) in plant.

Year: 2019

Quarter: 4

CEC Plant ID: G0819

EIA Plant ID: 55542

Generator (Unit) ID: Larkspur 2

Plant Name:
Larkspur Energy, LLC

Month	Gross MWh	Net MWh	Primary Energy Source :				Secondary Energy Source:			
			Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)
January	653	640	6,234	6,546	100					
February	953	933	9,074	9,528	100					
March	1,322	1,295	12,640	13,272	100					
April	2,102	2,055	20,338	21,355	100					
May	1,484	1,451	14,372	15,091	100					
June	4,087	3,961	39,363	41,331	100					
July	5,704	5,531	55,027	57,779	100					
August	4,989	4,827	48,672	51,106	100					
September	2,104	2,030	20,196	21,205	100					
October	1,282	1,252	12,926	13,572	100					
November	841	823	7,587	7,966	100					
December	620	607	5,507	5,782	100					
Annual Total (2)	26,140	25,405	251,937	264,533	100					

Notes:
 (1) Fuel Cost and Fuel Supplied by Tolling Agreement is required for plants of 50 MW or more. Fuel Cost is for any portion of fuel not supplied through a tolling agreement. Fuel Cost will be kept confidential.

(2) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required. **(1 MMBtu = 10 therms)**

CEC-1304 Schedule 2 Part B

Sales by Power Plant

One Schedule 2-B for each power plant.

Reporting Period

Plant Name:
Larkspur Energy, LLC

Year:	2019
Quarter:	4
CEC Plant ID:	G0819
EIA Plant ID:	55542

Month	Onsite Use (self-gen) MWh	Sales for Resale MWh	Sales to End-User 1 MWh	End User 1 NAICS Code	Sales to End-User 2 MWh	End User 2 NAICS Code
January	35			1,505		
February	49			2,114		
March	56			2,429		
April	97			4,005		
May	88			3,596		
June	274			9,454		
July	333			11,588		
August	281			9,035		
September	125			3,825		
October	66			2,465		
November	36			1,495		
December	27			1,114		
Annual Total (1)	1,467	0		52,624		

Note: Net plant output = onsite use + sales for resale + sales to end-users.

(1) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.

CEC-1304 Schedule 3 Part A (page 1) Annual Water Supply and Use, and Wastewater Discharge Report	Year	2019
	CEC Plant ID	G0819
	EIA Plant ID	55542

Section 1. Power Plant Water Supply

1a	Primary Water Supply Source	P	1c	Backup Water Supply Source	NA
1b	Name of Primary Water Purveyor, Wastewater Supplier, or Well	NA	1f	Name of Backup Water Purveyor, Wastewater Supplier,	NA
1c	Primary Water Supply Average Total Dissolved Solids (mg/l)	N/A	1g	Backup Water Supply Average Total Dissolved Solids	
1d	Regional Water Quality Control Board	Region 9		(mg/l)	NA

Section 2. Power Plant Water Use

2a	Check this box if water use at the power plant is not metered and cannot reasonably estimated.							
	Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.							
	Volume of Water Required (in gallons)	Raw Water Supply (Gal)	Landscaping Usage	Solar Mirror Washing	Dust Suppression	Sprint & NOx Water Usage	Total Usage	Daily Average
2b		January	263,296	0	NA	NA	105,722	105,722
	February	323,136	0	NA	NA	139,451	139,451	4,498
	March	172,788	0	NA	NA	171,315	171,315	5,526
	April	702,372	0	NA	NA	291,757	291,757	9,412
	May	553,520	30,668	NA	NA	256,364	287,032	9,259
	June	1,172,116	26,928	NA	NA	664,081	691,009	22,291
	July	1,365,848	29,172	NA	NA	850,964	880,136	28,391
	August	890,868	25,432	NA	NA	671,417	696,849	22,479
	September	1,172,000	26,928	NA	NA	290,857	317,785	10,251
	October	308,924	24,684	NA	NA	191,069	215,753	6,960
	November	412,896	31,416	NA	NA	116,431	147,847	4,769
	December	174,284	18,700	NA	NA	88,494	107,194	3,458
2c	Metering Frequency	Instantaneous			Metering Technology		Flowmeters	

Section 3. Power Plant Wastewater Disposal

3a	Check box if wastewater is not metered and cannot reasonably estimated.				
3b	Wastewater Disposal Method	SS			
3c	Average Total Dissolved Solids (mg/l)	2,360			
3d	Equipment Manufacturer	NA			
3e	Year of Installation	NA			
3f	Waste Reduction Equipment or Measures Taken	Oil water separator sumps, equipment secondary containment structures, Station SWPPP procedures			
3g	Name of the Facility or Water Body Receiving the Wastewater	City of San Diego			
3h	Notes:				
		3i	Volume of Discharged Waste (in gallons)	Monthly Total	Daily Maximum
			January	68,000	2,194
			February	102,100	3,646
			March	86,017	2,775
			April	103,218	3,441
			May	89,050	2,873
			June	219,210	7,307
			July	268,564	8,663
			August	221,439	7,143
			September	106,083	3,536
			October	77,450	2,498
			November	76,794	2,560
			December	53,793	1,735

CEC-1304 Schedule 3 Part A (page 2)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2019
CEC Plant ID	G0819
EIA Plant ID	55542
Generator (Unit) ID	Larkspur 1

Section 4. Generator Water Use

4a	Cooling Technology	IAC-A
4b	If "other" cooling technology, please describe	

4c Check this box if the generator is air-cooled. If this generator does use water for cooling, please proceed to 4d. If this generator does not use any water for cooling, the for this generator this form is complete.

4d Check this box if water use by this generator is not metered and cannot reasonably estimated. If this box is checked, then for this generator, this form is complete.

Volume of Water Required (in Gallons)		Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.					Daily Maximum	Other: <input type="checkbox"/>
		Inlet-Air Cooling	Intercooling	Steam-Cycle Cooling	Generator Bearings	Other Cooling		
4e	January	NA	NA	NA	NA	NA	NA	NA
	Febraury	NA	NA	NA	NA	NA	NA	NA
	March	NA	NA	NA	NA	NA	NA	NA
	April	NA	NA	NA	NA	NA	NA	NA
	May	NA	NA	NA	NA	NA	NA	NA
	June	NA	NA	NA	NA	NA	NA	NA
	July	NA	NA	NA	NA	NA	NA	NA
	August	NA	NA	NA	NA	NA	NA	NA
	September	NA	NA	NA	NA	NA	NA	NA
	October	NA	NA	NA	NA	NA	NA	NA
	November	NA	NA	NA	NA	NA	NA	NA
	December	NA	NA	NA	NA	NA	NA	NA

4f	Metering Frequency	NA	Metering Technology	NA
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Notes: This generator is air cooled only

CEC-1304 Schedule 3 Part A (page 2)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2019
CEC Plant ID	G0819
EIA Plant ID	55542
Generator (Unit) ID	Larkspur 2

Section 4. Generator Water Use

4a	Cooling Technology	IAC-A						
4b	If "other" cooling technology, please describe							
4c	X	Check this box if the generator is air-cooled. If this generator does use water for cooling, please proceed to 4d. If this generator does not use any water for cooling, the for this generator this form is complete.						
4d		Check this box if water use by this generator is not metered and cannot reasonably estimated. If this box is checked, then for this generator, this form is complete.						
4e	Volume of Water Required (in Gallons)	Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.						Other: <input type="checkbox"/>
		Inlet-Air Cooling	Intercooling	Steam-Cycle Cooling	Generator Bearings	Other Cooling	Daily Maximum	
	January	NA	NA	NA	NA	NA	NA	NA
	Febraury	NA	NA	NA	NA	NA	NA	NA
	March	NA	NA	NA	NA	NA	NA	NA
	April	NA	NA	NA	NA	NA	NA	NA
	May	NA	NA	NA	NA	NA	NA	NA
	June	NA	NA	NA	NA	NA	NA	NA
	July	NA	NA	NA	NA	NA	NA	NA
	August	NA	NA	NA	NA	NA	NA	NA
	September	NA	NA	NA	NA	NA	NA	NA
	October	NA	NA	NA	NA	NA	NA	NA
	November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	
4f	Metering Frequency	NA			Metering Technology	NA		

Notes: This generator is air cooled only

CEC-1304 Schedule 3 Part B Annual Biological Resource Report of "Takes" / Biomass Killed by Impingement		Reporting Period	
One Schedule 3-B for each generator (unit) in plant.	Any "takes" or biomass killed by impingement in calendar year?	NO	Year: 2019
			CEC Plant ID: G0819
			EIA Plant ID: 55542
			Generator (Unit) ID: Larkspur 1
Owners of power plants with a generating capacity of 1-MW or more shall submit copies of reports or filings required by regulations, permits, or contract conditions that identify any of the following information for the previous calendar year:			
1. documentation of the "take" of terrestrial, avian and aquatic wildlife subject to legal protection under California Fish & G. Code § 2050 et seq., 16 U.S.C.A. § 1371 et seq., 16 U.S.C.A. § 1531 et seq., and 16 U.S.C. A. § 668 et seq. that occurred as a result of operation of the power plant.			
2. documentation and identification of the biomass (by weight) and species composition of fishes and marine mammals killed by impingement on the intake screens of each once-through cooling system.			
Notes:			

CEC-1304 Schedule 3 Part B		Reporting Period	
Annual Biological Resource Report of "Takes" / Biomass Killed by Impingement		Year:	2019
One Schedule 3-B for each generator (unit) in plant.		CEC Plant ID:	G0819
		EIA Plant ID:	55542
Any "takes" or biomass killed by impingement in calendar year?		Generator (Unit) ID:	Larkspur 2
NO			
Owners of power plants with a generating capacity of 1-MW or more shall submit copies of reports or filings required by regulations, permits, or contract conditions that identify any of the following information for the previous calendar year:			
1. documentation of the "take" of terrestrial, avian and aquatic wildlife subject to legal protection under California Fish & G. Code § 2050 et seq., 16 U.S.C.A. § 1371 et seq., 16 U.S.C.A. § 1531 et seq., and 16 U.S.C. A. § 668 et seq. that occurred as a result of operation of the power plant.			
2. documentation and identification of the biomass (by weight) and species composition of fishes and marine mammals killed by impingement on the intake screens of each once-through cooling system.			
Notes:			

CEC-1304 Schedule 3 Part C

Annual Public Health and Environmental Quality Violations Report

Reporting Period

Year:	2019
CEC Plant ID:	G0819
EIA Plant ID:	55542

One Schedule 3-C for each power plant.

Any public health or environmental quality violations during calendar year? **NO VIOLATIONS**

Owners of power plants with a generating capacity of 1-MW or more shall submit copies of any written notification provided by any state or federal regulatory agency for the following:

1. A violation of an applicable statute, regulation, or permit condition related to public health or environmental quality during the previous calendar year, or for which there is an ongoing investigation regarding a potential violation.

Notes:

Copies of any written notification provided by any state or federal regulatory agency to the owner of a power plant with a generating capacity of one megawatt or more that operation of the power plant has created a violation of an applicable statute, regulation, or permit condition related to environmental quality or public health during the previous calendar year, or that there is an ongoing investigation regarding a potential violation at the time that the data identified in this subdivision is required to be filed with the commission