

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY

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DIVISION OF MINERALS

400 W. King Street, Suite 106
Carson City, Nevada 89710
(702) 687-5050 • Fax (702) 687-3957

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JAN 16 2007

**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of December, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	0	0	°F	psi	
Empire KGRA	43-21	3,735,360	115,796,160	183°F	4 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	0	0	0°F	psi	
Total		3,735,360	115,796,160			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dore Stammers*

Position Environmental Coordinator

Date 1/12/07

(REV 9/13/96 LV)

STATE OF NEVADA
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DEC 13 2006

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of November, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	0	0	°F	psi	
Empire KGRA	43-21	3,657,600	109,728,000	181°F	4 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	0	0	0°F	psi	
Total		3,657,600	109,728,000			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dino M. Stammers*

Position Environmental Coordinator

Date 12/12/06

(REV 9/13/96 LV)

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
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Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of October, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,147,040	47,234,880	210°F	21 psi	
Empire KGRA	43-21	2,645,280	82,003,680	201°F	3 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,147,040	47,234,880	210°F	9 psi	
Total		6,939,360	176,473,440			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Rma M. Stammers*

Position Environmental Coordinator

Date 11/3/06

(REV 9/13/96 LV)



Empire Energy, LLC RECEIVED

NOV 06 2006

Division of Minerals

November 3, 2006

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for October, 2006

Dear Linda,

Enclosed is the October 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for the injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers
Environmental Coordinator

Enclosures

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OCT 20 2006

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of September, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,161,440	62,681,760	211°F	22 psi	
Empire KGRA	43-21	2,214,720	66,441,600	210°F	3 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,089,440	60,593,760	204°F	7 psi	
Total		6,465,600	189,717,120			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 10/19/06

(REV 9/13/96 LV)

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COMMERCIAL AND INDUSTRIAL CLASS Division of Minerals
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of August, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,913,760	38,275,200	193°F	19 psi	
Empire KGRA	43-21	1,956,960	60,665,760	192°F	4 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	1,910,880	59,237,280	193°F	9 psi	
Total		5,781,600	158,178,240			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dana M. Starnes*
 Position Environmental Coordinator
 Date 9/13/06

(REV 9/13/96 LV)

flow meters not working



Empire Energy, LLC

September 13, 2006

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SEP 15 2006
Division of Minerals

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for August, 2006

Dear Linda,

Enclosed is the August 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for the injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters. ✓

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers
Environmental Coordinator

Enclosures

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AUG 07 2006

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of July, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	48,960,000	206°F	17 psi	
Empire KGRA	43-21	1,980,000	61,380,000	202°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	1,728,000	51,840,000	194°F	12 psi	
Total		6,588,000	162,180,000			

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Donna M. Starnes*

Position Environmental Coordinator

Date 8/2/06

(REV 9/13/96 LV)

STATE OF NEVADA
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JUL 19 2006

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of June, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	48,960,000	206°F	19 psi	
Empire KGRA	43-21	1,464,480	42,469,920	199°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,160,000	60,480,000	199°F	11 psi	

reg. total gal cell 7/15/06 CW

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Donna M. Stammers*

Position Environmental Coordinator

Date 7/17/06

(REV 9/13/96 LV)

STATE OF NEVADA
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JUN 19 2006

Division of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of May, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	83,520,000	201°F	18 psi	
Empire KGRA	43-21	895,680	25,974,720	205°F	5 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,160,000	62,640,000	205°F	6 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dana M. Starnes*

Position Environmental Coordinator

Date 6/16/06

(REV 9/13/96 LV)



Empire Energy, LLC

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JUN 19 2006

Division of Minerals

June 16, 2006

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for May, 2006

Dear Linda,

Enclosed is the May 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers
Environmental Coordinator

Enclosures

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MAY 04 2006

COMMERCIAL AND INDUSTRIAL CLASS Division of Minerals
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of April, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,376,000	71,280,000	189°F	16 psi	
Empire KGRA	43-21	1,206,720	36,201,600	189°F	3 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	1,995,840	19,958,400	195°F	6 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Don M. Stammers*

Position Environmental Coordinator

Date 5/3/06

(REV 9/13/96 LV)



Empire Energy, LLC

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MAY 04 2006

Division of Minerals

May 3, 2006

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for April, 2006

Dear Linda,

Enclosed is the April 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers
Environmental Coordinator

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APR 14 2006

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of March, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	86,400,000	210°F	21 psi	
Empire KGRA	43-21	1,507,680	46,738,080	209°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,160,000	64,800,000	210°F	7 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Orin M. Starnes*

Position Environmental Coordinator

Date 4/12/06

(REV 9/13/96 LV)



Empire Energy, LLC

CV

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APR 14 2006

Division of Minerals

April 12, 2006

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for March, 2006

Dear Linda,

Enclosed is the March 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers

Donna M. Stammers
Environmental Coordinator

Enclosures

*Emailed
Donna on
ETA of fixing
injection
meter*

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
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MAR 08 2006

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of February, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	28,800,000	213°F	12 psi	
Empire KGRA	43-21	1,837,440	51,448,320	213°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,160,000	21,600,000	210°F	7 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dave M. Stormes*

Position Environmental Coordinator

Date 3/6/06

(REV 9/13/96 LV)



Empire Energy, LLC

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MAR 08 2006

Division of Minerals

March 6, 2006

Ms. Linda Wells
Nevada Division of Minerals
400 W. King Street, Suite 106
Carson City, Nevada 89710

RE: Monthly Geothermal Production & Injection Report for February, 2006

Dear Linda,

Enclosed is the February 2006 monthly report for the Empire Energy, LLC - Empire geothermal power plant. We are currently allowed to surface discharge from injection well 51-16 under NDEP Permit NEV-94003.

The flow rates for 76-16 and injection wells for this month are estimated due to instrument failure. We believe the newly installed Central Station Control wiring is having signal/communication problems with the flow meters.

Please let me know if we can provide additional information.

Sincerely,

Donna M. Stammers
Environmental Coordinator

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FEB 17 2006

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

Plant/Project Empire County Washoe Month of January, 2006

Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,880,000	89,280,000	210°F	20 psi	
Empire KGRA	43-21	1,882,080	58,344,480	210°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	0	0	0°F	psi	
Empire KGRA	53-21	2,160,000	66,960,000	210°F	7 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature *Dana M. Stammers*

Position Environmental Coordinator

Date 2/10/06

(REV 9/13/96 LV)