Desert View Power, Inc. an affiliate of

Greenleaf POWER

June 30, 2016
DVP-160012

Mr. David Jones
Air Pollution Control Officer
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Subject: Monthly Report of Excess Emissions for May 2016

SCAQMD FILE # 100154

Dear Mr. Jones:

Excess emissions summaries for each boiler for May 2016 are attached.

Emission concentration limits (ppm) do not apply during the normal start up and shut down conditions for each boiler. Thus, exceedences within the permit limits during start up and shut down, as defined in the amendment, are not applicable and as such not reportable.

Please call if you have any questions or comments. I can be reached at (760) 262-1653.

Sincerely,

James Russell Huffman

Vice President of CA operations / Plant Manager

rfk/

62-300 Grand Walmes Dr. | Mecca, CA 92254
(760) 396-2554

Page 2

encl

cc:

Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Director, Air Management Division

Attention: Air-5

U.S. Environmental Protection Agency

75 Hawthorne Street

San Francisco, CA 94105-3901

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #1**
**May 2016**

Hours Operated: 504.432 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **CEMS** | | | **CEMS** | | | **CEMS** |
| 5/3/2016 | Nox ppm@3%O2 | 4 | | | | Boiler shut down for repairs. |
| 5/3/2016 | Nox lb/mmbtu | 4 | | | | Boiler shut down for repairs. |
| 5/3/2016 | So2 ppm@3%O2 | 4 | | | | Boiler shut down for repairs. |
| 5/3/2016 | So2 lb/mmbtu | 4 | | | | Boiler shut down for repairs. |
| 5/3/2016 | CO ppm@3%O2 | 4 | | | | Boiler shut down for repairs. |
| 5/3/2016 | Nox lb/hr | 17 | | | | Boiler shut down for repairs. |
| 5/3/2016 | So2 lb/hr | 17 | | | | Boiler shut down for repairs. |
| 5/3/2016 | CO lb/ hr | 17 | | | | Boiler shut down for repairs. |
| 5/4/2016 | Nox ppm@3%O2 | 1 | | | | Boiler shut down for repairs. |
| 5/4/2016 | Nox lb/mmbtu | 1 | | | | Boiler shut down for repairs. |
| 5/4/2016 | So2 ppm@3%O2 | 1 | | | | Boiler shut down for repairs. |
| 5/4/2016 | So2 lb/mmbtu | 1 | | | | Boiler shut down for repairs. |
| 5/4/2016 | CO ppm@3%O2 | 1 | | | | Boiler shut down for repairs. |
| 5/4/2016 | Nox lb/hr | 7 | | | | Boiler shut down for repairs. |
| 5/4/2016 | So2 lb/hr | 7 | | | | Boiler shut down for repairs. |
| 5/4/2016 | CO lb/ hr | 7 | | | | Boiler shut down for repairs. |
| 5/4/2016 | ALL | 1 | | | | CEM taken out of service for maintenance. |
| 5/5/2016 | Nox ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/5/2016 | Nox lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/5/2016 | So2 ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/5/2016 | So2 lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/5/2016 | CO ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | Nox ppm@3%O2 | 6 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | Nox lb/mmbtu | 6 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | So2 ppm@3%O2 | 6 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | So2 lb/mmbtu | 6 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | CO ppm@3%O2 | 6 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | Nox lb/hr | 9 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | So2 lb/hr | 9 | | | | CEM taken out of service for maintenance. |
| 5/6/2016 | CO lb/ hr | 9 | | | | CEM taken out of service for maintenance. |

ED_013709B_00000017-00003

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #1**
**May 2016**

Hours Operated: 504.432 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/7/2016 | Nox lb/hr | 6 | | | | CEM taken out of service for maintenance. |
| 5/7/2016 | So2 lb/hr | 6 | | | | CEM taken out of service for maintenance. |
| 5/7/2016 | CO lb/ hr | 6 | | | | CEM taken out of service for maintenance. |
| 5/7/2016 | CO ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | Nox ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | Nox lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | So2 ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | So2 lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | CO ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/12/2016 | ALL | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/14/2016 | Nox lb/hr | 5 | | | | Generator issues, plant tripped. |
| 5/14/2016 | So2 lb/hr | 5 | | | | Generator issues, plant tripped. |
| 5/14/2016 | CO lb/ hr | 5 | | | | Generator issues, plant tripped. |
| 5/16/2016 | Nox ppm@3%O2 | 2 | | | | Generator issues, plant tripped. |
| 5/16/2016 | Nox lb/mmbtu | 2 | | | | Generator issues, plant tripped. |
| 5/16/2016 | So2 ppm@3%O2 | 2 | | | | Generator issues, plant tripped. |
| 5/16/2016 | So2 lb/mmbtu | 2 | | | | Generator issues, plant tripped. |
| 5/16/2016 | CO ppm@3%O2 | 2 | | | | Generator issues, plant tripped. |
| 5/16/2016 | CO lb/ hr | 2 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox ppm@3%O2 | 7 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox lb/mmbtu | 7 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 ppm@3%O2 | 7 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 lb/mmbtu | 7 | | | | Generator issues, plant tripped. |
| 5/17/2016 | CO ppm@3%O2 | 6 | | | | Generator issues, plant tripped. |
| 5/17/2016 | CO lb/ hr | 6 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox ppm@3%O2 | 2 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox lb/mmbtu | 2 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 ppm@3%O2 | 2 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 lb/mmbtu | 2 | | | | Generator issues, plant tripped. |
| 5/17/2016 | CO ppm@3%O2 | 9 | | | | Generator issues, plant tripped. |
| 5/17/2016 | CO lb/ hr | 2 | | | | Generator issues, plant tripped. |
| 5/17/216 | Nox ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | Nox lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/17/2016 | So2 lb/mmbtu | 1 | | | | Generator issues, plant tripped. |

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #1**
**May 2016**

Hours Operated: 504.432 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/17/2016 | CO lb/ hr | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | Nox ppm@3%O2 | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | Nox lb/mmbtu | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | So2 ppm@3%O2 | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | So2 lb/mmbtu | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | CO ppm@3%O2 | 6 | | | | Generator issues, plant tripped. |
| 5/18/2016 | Nox ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/18/2016 | Nox lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/18/2016 | So2 ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/18/2016 | So2 lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/18/2016 | CO ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/18/2016 | Nox lb/hr | 8 | | | | Generator issues, plant tripped. |
| 5/18/2016 | So2 lb/hr | 8 | | | | Generator issues, plant tripped. |
| 5/18/2016 | CO lb/ hr | 8 | | | | Generator issues, plant tripped. |
| 5/24/2016 | Nox ppm@3%O2 | 10 | | | | Generator issues, plant tripped. |
| 5/24/2016 | Nox lb/mmbtu | 10 | | | | Generator issues, plant tripped. |
| 5/24/2016 | So2 ppm@3%O2 | 10 | | | | Generator issues, plant tripped. |
| 5/24/2016 | So2 lb/mmbtu | 10 | | | | Generator issues, plant tripped. |
| 5/24/2016 | CO ppm@3%O2 | 10 | | | | Generator issues, plant tripped. |
| 5/24/2016 | Nox lb/hr | 2 | | | | Generator issues, plant tripped. |
| 5/24/2016 | So2 lb/hr | 2 | | | | Generator issues, plant tripped. |
| 5/24/2016 | CO lb/ hr | 2 | | | | Generator issues, plant tripped. |
| 5/24/2016 | CO lb/ hr | 1 | | | | Generator issues, plant tripped. |
| 5/25/2016 | CO ppm@3%O2 | 1 | | | | CEM failed daily calibration- re-cal completed. |
| 5/25/2016 | CO lb/ hr | 1 | | | | CEM failed daily calibration- re-cal completed. |
| 5/26/2016 | CO ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/26/2016 | CO lb/ hr | 1 | | | | Generator issues, plant tripped. |

ED_013709B_00000017-00005

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #2**
**May 2016**

Hours Operated: 623.472 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/12/2016 | Nox ppm@3%O2 | 2 | 126 | 136 | 94 | Fuel feed lost. |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **CEMS** | | | **CEMS** | | | **CEMS** |
| 5/4/2016 | ALL | 2 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | Nox ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | Nox lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | So2 ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | So2 lb/mmbtu | 1 | | | | CEM taken out of service for maintenance. |
| 5/11/2016 | CO ppm@3%O2 | 1 | | | | CEM taken out of service for maintenance. |
| 5/12/2016 | Nox ppm@3%O2 | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | Nox lb/mmbtu | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | Nox lb/hr | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | So2 ppm@3%O2 | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | So2 lb/mmbtu | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | So2 lb/hr | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | CO ppm@3%O2 | 1 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/12/2016 | CO lb/ hr | 3 | | | | CEM taken out of service for 2nd quarter CGA. |
| 5/16/2016 | Nox ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/16/2016 | Nox lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/16/2016 | So2 ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/16/2016 | So2 lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/16/2016 | CO ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/16/2016 | CO lb/ hr | 1 | | | | Generator issues, plant tripped. |
| 5/19/2016 | Nox ppm@3%O2 | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | Nox lb/mmbtu | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | So2 ppm@3%O2 | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | So2 lb/mmbtu | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | CO ppm@3%O2 | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | Nox lb/hr | 12 | | | | Generator issues, plant tripped. |
| 5/19/2016 | So2 lb/hr | 5 | | | | Generator issues, plant tripped. |
| 5/19/2016 | Nox ppm@3%O2 | 11 | | | | Generator issues, plant tripped. |
| 5/19/2016 | Nox lb/mmbtu | 11 | | | | Generator issues, plant tripped. |
| 5/19/2016 | So2 ppm@3%O2 | 11 | | | | Generator issues, plant tripped. |

ED_013709B_00000017-00006

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #2**
**May 2016**

Hours Operated: 623.472 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/19/2016 | So2 lb/mmbtu | 11 | | | | Generator issues, plant tripped. |
| 5/19/2016 | CO ppm@3%O2 | 11 | | | | Generator issues, plant tripped. |
| 5/19/2016 | So2 lb/hr | 11 | | | | Generator issues, plant tripped. |
| 5/19/2016 | CO lb/ hr | 12 | | | | Generator issues, plant tripped. |
| 5/20/2016 | Nox ppm@3%O2 | 18 | | | | Generator issues, plant tripped. |
| 5/20/2016 | Nox lb/mmbtu | 18 | | | | Generator issues, plant tripped. |
| 5/20/2016 | So2 ppm@3%O2 | 18 | | | | Generator issues, plant tripped. |
| 5/20/2016 | So2 lb/mmbtu | 18 | | | | Generator issues, plant tripped. |
| 5/20/2016 | CO ppm@3%O2 | 18 | | | | Generator issues, plant tripped. |
| 5/20/2016 | Nox lb/hr | 7 | | | | Generator issues, plant tripped. |
| 5/20/2016 | So2 lb/hr | 7 | | | | Generator issues, plant tripped. |
| 5/20/2016 | CO lb/ hr | 7 | | | | Generator issues, plant tripped. |
| 5/20/2016 | Nox lb/hr | 16 | | | | Generator issues, plant tripped. |
| 5/20/2016 | So2 lb/hr | 16 | | | | Generator issues, plant tripped. |
| 5/20/2016 | CO lb/ hr | 16 | | | | Generator issues, plant tripped. |
| 5/21/2016 | Nox ppm@3%O2 | 9 | | | | Generator issues, plant tripped. |
| 5/21/2016 | Nox lb/mmbtu | 9 | | | | Generator issues, plant tripped. |
| 5/21/2016 | So2 ppm@3%O2 | 9 | | | | Generator issues, plant tripped. |
| 5/21/2016 | So2 lb/mmbtu | 9 | | | | Generator issues, plant tripped. |
| 5/21/2016 | CO ppm@3%O2 | 9 | | | | Generator issues, plant tripped. |
| 5/21/2016 | Nox lb/hr | 7 | | | | Generator issues, plant tripped. |
| 5/21/2016 | So2 lb/hr | 7 | | | | Generator issues, plant tripped. |
| 5/21/2016 | CO lb/ hr | 7 | | | | Generator issues, plant tripped. |
| 5/23/2016 | Nox ppm@3%O2 | 22 | | | | Generator issues, plant tripped. |
| 5/23/2016 | Nox lb/mmbtu | 22 | | | | Generator issues, plant tripped. |
| 5/23/2016 | So2 ppm@3%O2 | 22 | | | | Generator issues, plant tripped. |
| 5/23/2016 | So2 lb/mmbtu | 22 | | | | Generator issues, plant tripped. |
| 5/23/2016 | CO ppm@3%O2 | 22 | | | | Generator issues, plant tripped. |
| 5/23/2016 | Nox lb/hr | 5 | | | | Generator issues, plant tripped. |
| 5/23/2016 | So2 lb/hr | 5 | | | | Generator issues, plant tripped. |
| 5/23/2016 | CO lb/ hr | 5 | | | | Generator issues, plant tripped. |
| 5/24/2016 | Nox ppm@3%O2 | 7 | | | | Generator issues, plant tripped. |
| 5/24/2016 | Nox lb/mmbtu | 7 | | | | Generator issues, plant tripped. |
| 5/24/2016 | So2 ppm@3%O2 | 7 | | | | Generator issues, plant tripped. |
| 5/24/2016 | So2 lb/mmbtu | 7 | | | | Generator issues, plant tripped. |
| 5/24/2016 | CO ppm@3%O2 | 7 | | | | Generator issues, plant tripped. |
| 5/26/2016 | Nox ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |
| 5/26/2016 | Nox lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/26/2016 | So2 ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |

ED_013709B_00000017-00007

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #2**

**May 2016**

Hours Operated: 623.472 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/26/2016 | So2 lb/mmbtu | 1 | | | | Generator issues, plant tripped. |
| 5/26/2016 | CO ppm@3%O2 | 1 | | | | Generator issues, plant tripped. |

ED_013709B_00000017-00008

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**BOILER #2**
**May 2016**

Hours Operated: 623.472 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

NOTE: 1. The term ALL is used in the Limit Exceeded column to indicate the following:
(Nox ppm, Nox lb/hr, Co ppm, Co lb/hr, So2 ppm, & So2 lb/hr)

ED_013709B_00000017-00009

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**STACK**
**May 2016**

Hours Operated: 720.000 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| 5/29/2016 | opacity 3-min | 0.1 | 11 | 11 | 10 | intermittent over 1hr 17 minutes, hole in bag. |
| 5/31/2016 | opacity 3-min | 2.85 | 19 | 26 | 10 | intermittent over 7hr 26 minutes, hole in bag. |
| 5/31/2016 | opacity 6-min | 0.2 | 24 | 24 | 20 | intermittent over 0hr 41 minutes, hole in bag. |
| CEMS | | | CEMS | | | CEMS |

ED_013709B_00000017-00010

# COLMAC ENERGY MECCA POWER PLANT
# EXCESS EMISSIONS REPORT

**STACK**
**May 2016**

Hours Operated: 720.000 hrs

| Date | Limit Exceeded | Duration (hrs) | Reading at 3% O2 | | | Comments |
|---|---|---|---|---|---|---|
| | | | Average Value | Maximum Value | Permit Limit | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

NOTE: 1. The term ALL is used in the Limit Exceeded column to indicate the following:
(Nox ppm, Nox lb/hr, Co ppm, Co lb/hr, So2 ppm, & So2 lb/hr)

ED_013709B_00000017-00011