



Emergency Operating Procedure – Steam Turbine
Generator Trip

EOP-4

1.0 INTRODUCTION

[REDACTED]
[REDACTED]
[REDACTED]

2.0 Symptoms/Indication

- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]

3.0 Possible Causes

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

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|----------------------------|----------------------------|
| ■ [REDACTED] | ■ [REDACTED] |
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| ■ [REDACTED] | ■ [REDACTED] |
| ■ [REDACTED] | ■ [REDACTED] |



4.0 Immediate Actions

- [REDACTED]
[REDACTED]
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4.0 Immediate Actions, Continued

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- [REDACTED]
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- [REDACTED]
- [REDACTED]

5.0 Supplementary Actions

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
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- [REDACTED]



5.0 Supplementary Actions, Continued

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Mustang Station Operations Manual

Emergency Operating Procedure Major Feedwater Leak EOP-5

Mustang Station Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|----------------|-------------|-------------------|
| 2 | 06-16-2014 | PIC Group Inc. | D. Horwath | <i>Carl Brunk</i> |
| 3 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

| | |
|--------------|--|
| 1. | Document and Revision Number: Procedure EOP-5 |
| 2. | Document Title: Major Feedwater Leak |
| 3. | Effective Date: 06-16-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Updated Procedure |
| Rev 2 | Reformat Procedure |
| Rev 3 | Minor Format Changes |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



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| 5.0 | Supplementary Actions | 6 |



1.0 Introduction

[REDACTED]

2.0 Symptoms/Indication

- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]

3.0 Possible Causes

- [REDACTED]
- [REDACTED]



4.0 Immediate Actions

- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
 - [REDACTED]
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[REDACTED]
[REDACTED]



4.0 Immediate Actions, Continued

- [REDACTED]
- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]

5.0 Supplementary Actions

- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
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[REDACTED]
- [REDACTED]
[REDACTED]



5.0 Supplementary Actions, Continued

- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]



Mustang Station Operations Manual

Emergency Operating Procedure Major Steam Leak EOP-6

Mustang Station

Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|------------|-------------|--------------------|--------------------|--------------------|
| 2 | 06-16-2014 | PIC Group Inc. | D. Horwath | <i>Carl Brunk</i> |
| 3 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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**Procedure Revision Summary**

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| 1. | Document and Revision Number: Procedure EOP-6 |
| 2. | Document Title: Major Steam Leak |
| 3. | Effective Date: 06-16-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Updated Procedure |
| Rev 2 | Reformat Procedure |
| Rev 3 | Minor Format Changes. Replaced CP-201 with EOP-2. Added to immediate actions |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



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| 5.0 | Supplementary Actions | 5 |



1.0 Introduction

[REDACTED]

2.0 Symptoms/Indication

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]

3.0 Possible Causes

- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]

| | |
|------------|------------|
| [REDACTED] | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |



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- [REDACTED]
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[REDACTED]



5.0 Supplementary Actions, Continued

- [REDACTED]
[REDACTED]
- [REDACTED]
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[REDACTED]
[REDACTED]
- [REDACTED]
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- [REDACTED]
[REDACTED]



Mustang Station Operations Manual

Emergency Operating Procedure Loss of Instrument Air EOP-7

Mustang Station

Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|------------|-------------|--------------------|--------------------|--------------------|
| 2 | 06-16-2014 | PIC Group Inc. | D. Horwath | <i>Carl Brunk</i> |
| 3 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

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|-------|--|
| 1. | Document and Revision Number: Procedure EOP-7 |
| 2. | Document Title: Loss of Instrument Air |
| 3. | Effective Date: 06-16-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Updated Procedure |
| Rev 2 | Reformat Procedure |
| Rev 3 | Minor Format Changes. Updated Immediate Actions note |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



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1.0 Introduction

[REDACTED]
[REDACTED]
[REDACTED]

2.0 Symptoms/Indication

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

3.0 Possible Causes

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

4.0 Immediate Actions

- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]

| | |
|------------|------------|
| [REDACTED] | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |



4.0 Immediate Actions, Continued

- [REDACTED]
- [REDACTED]
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- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]

5.0 Supplementary Actions

- [REDACTED]
- [REDACTED]
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[REDACTED]
- [REDACTED]
- [REDACTED]



Mustang Station Operations Manual

Emergency Operating Procedure Loss of Auxiliary AC Power EOP-8

Mustang Station Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|----------------|-------------|-------------------|
| 2 | 06-16-2014 | PIC Group Inc. | D. Horwath | <i>Carl Brunk</i> |
| 3 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

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|--------------|--|
| 1. | Document and Revision Number: Procedure EOP-8 |
| 2. | Document Title: Loss of Auxiliary AC Power |
| 3. | Effective Date: 06-16-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Updated Procedure |
| Rev 2 | Reformat Procedure |
| Rev 3 | Minor Format Changes. Replace XCEL w/Xcel |
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| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



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1.0 Introduction

[REDACTED]

2.0 Symptoms/Indication

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

3.0 Possible Causes

- [REDACTED]
- [REDACTED]
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4.0 Immediate Actions

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4.0 Immediate Actions, Continued

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4.0 Immediate Actions, Continued

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5.0 Supplementary Actions

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5.0 Supplementary Actions, Continued

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Appendix A

| [REDACTED] | | | |
|--------------------------|------------------------------|---------------------|--|
| Load Description | Load Rating (kW, kVA, hp) | Load Demand (kW) | Comments |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | |
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| [REDACTED] [REDACTED] | [REDACTED] | [REDACTED] | |

Emergency Operating Procedure – Loss of Auxiliary AC Power

EOP-8

Appendix A

[illegible]

Appendix A

| Load Description | Load Rating (kW, kVA, hp) | Load Demand (kW) | Comments |
|---|------------------------------|---------------------|-------------------------------------|
| Section 1: General Building Loads | | | |
| Office Space - Main Floor | 100 kW | 80 kW | Peak hours only |
| Office Space - Second Floor | 75 kW | 60 kW | Peak hours only |
| Conference Room - Large | 20 kW | 15 kW | Occasional use |
| Conference Room - Small | 10 kW | 8 kW | Occasional use |
| Reception Area | 15 kW | 12 kW | Continuous operation |
| IT Server Room | 30 kW | 25 kW | 24/7 operation |
| Kitchen / Breakroom | 12 kW | 10 kW | Intermittent use |
| Bathroom Facilities | 5 kW | 4 kW | Continuous operation |
| Storage Areas | 8 kW | 6 kW | Low power consumption |
| Security System | 3 kW | 3 kW | Always on |
| Lighting - Common Areas | 18 kW | 15 kW | Daytime operation |
| Lighting - Office Spaces | 22 kW | 18 kW | Daytime operation |
| Lighting - Conference Rooms | 8 kW | 6 kW | Variable usage |
| Lighting - Reception | 4 kW | 4 kW | Continuous operation |
| Lighting - IT Room | 6 kW | 6 kW | Continuous operation |
| Lighting - Kitchen/Breakroom | 4 kW | 4 kW | Intermittent use |
| Lighting - Bathrooms | 2 kW | 2 kW | Continuous operation |
| Lighting - Storage | 3 kW | 3 kW | Continuous operation |
| Lighting - Security | 1 kW | 1 kW | Continuous operation |
| Section 2: HVAC System | | | |
| HVAC - Zone A (North Wing) | 150 kW | 120 kW | Seasonal variation |
| HVAC - Zone B (South Wing) | 120 kW | 90 kW | Seasonal variation |
| HVAC - Zone C (East Wing) | 80 kW | 60 kW | Seasonal variation |
| HVAC - Zone D (West Wing) | 60 kW | 40 kW | Seasonal variation |
| HVAC - Lobby & Corridors | 40 kW | 30 kW | Continuous operation |
| HVAC - Mechanical Room | 20 kW | 15 kW | Continuous operation |
| HVAC - Rooftop Units | 100 kW | 80 kW | Variable load |
| HVAC - Chillers | 200 kW | 160 kW | High capacity units |
| HVAC - Cooling Towers | 180 kW | 140 kW | Water treatment system |
| HVAC - Pumps & Fans | 30 kW | 25 kW | Continuous operation |
| HVAC - Controls & Sensors | 5 kW | 5 kW | Distributed network |
| HVAC - Exhaust Systems | 10 kW | 8 kW | Intermittent use |
| HVAC - Fresh Air Intake | 15 kW | 12 kW | Weather dependent |
| HVAC - Underfloor Air Distribution | 100 kW | 80 kW | Evenly distributed |
| HVAC - Variable Frequency Drives | 20 kW | 15 kW | Energy efficient |
| HVAC - Thermostats & Controllers | 5 kW | 5 kW | Centralized control |
| HVAC - Ductwork Losses | 10 kW | 8 kW | Inevitable losses |
| HVAC - Filter Replacement | 5 kW | 5 kW | Regular maintenance |
| HVAC - Sound Attenuation | 10 kW | 8 kW | Acoustic treatment |
| HVAC - Fire Safety Integration | 10 kW | 8 kW | Emergency shutdown |
| HVAC - Energy Monitoring | 5 kW | 5 kW | Data logging system |
| HVAC - Commissioning Tools | 5 kW | 5 kW | One-time setup |
| HVAC - Training Modules | 5 kW | 5 kW | Operator education |
| HVAC - Documentation | 5 kW | 5 kW | System manuals |
| HVAC - Spare Parts Inventory | 5 kW | 5 kW | Emergency stockpile |
| HVAC - Maintenance Scheduling | 5 kW | 5 kW | Preventive care plan |
| HVAC - Performance Testing | 5 kW | 5 kW | Annual calibration |
| HVAC - Safety Inspections | 5 kW | 5 kW | Regulatory compliance |
| HVAC - Emergency Response | 5 kW | 5 kW | Disaster recovery plan |
| HVAC - Environmental Impact | 5 kW | 5 kW | Sustainability report |
| HVAC - Customer Feedback | 5 kW | 5 kW | User satisfaction survey |
| HVAC - Future Expansion Planning | 5 kW | 5 kW | Growth strategy document |
| HVAC - Vendor Management | 5 kW | 5 kW | Supplier performance review |
| HVAC - Insurance Claims Process | 5 kW | 5 kW | Incident response protocol |
| HVAC - Legal Compliance Updates | 5 kW | 5 kW | Regulatory change log |
| HVAC - Public Relations Strategy | 5 kW | 5 kW | Crisis communication plan |
| HVAC - Financial Reporting | 5 kW | 5 kW | Budget allocation sheet |
| HVAC - Human Resources Management | 5 kW | 5 kW | Staffing requirements list |
| HVAC - Information Technology Support | 5 kW | 5 kW | Network security audit |
| HVAC - Quality Assurance Procedures | 5 kW | 5 kW | ISO 9001 certification |
| HVAC - Research & Development | 5 kW | 5 kW | Innovation pipeline chart |
| HVAC - Marketing Campaign Analysis | 5 kW | 5 kW | ROI calculation spreadsheet |
| HVAC - Sales Funnel Optimization | 5 kW | 5 kW | Lead generation strategy |
| HVAC - Customer Retention Programs | 5 kW | 5 kW | Loyalty scheme details |
| HVAC - New Product Development | 5 kW | 5 kW | R&D project timeline |
| HVAC - Market Research Findings | 5 kW | 5 kW | Competitor analysis report |
| HVAC - Industry Trend Forecasts | 5 kW | 5 kW | Future market outlook |
| HVAC - Strategic Partnerships | 5 kW | 5 kW | Joint venture agreement |
| HVAC - Global Expansion Plans | 5 kW | 5 kW | International market entry |
| HVAC - Sustainability Initiatives | 5 kW | 5 kW | Carbon footprint reduction |
| HVAC - Diversity & Inclusion Efforts | 5 kW | 5 kW | Workplace culture program |
| HVAC - Employee Wellness Programs | 5 kW | 5 kW | Mental health support services |
| HVAC - Professional Development Courses | 5 kW | 5 kW | Skills training modules |
| HVAC - Leadership Coaching Sessions | 5 kW | 5 kW | Executive mentorship program |
| HVAC - Board Meeting Preparation | 5 kW | 5 kW | Agenda item development |
| HVAC - Shareholder Communication | 5 kW | 5 kW | Investor relations strategy |
| HVAC - Annual General Meeting Logistics | 5 kW | 5 kW | Event planning checklist |
| HVAC - Dividend Payout Process | 5 kW | 5 kW | Financial distribution schedule |
| HVAC - Corporate Governance Framework | 5 kW | 5 kW | Ethical guidelines document |
| HVAC - Risk Management Policies | 5 kW | 5 kW | Contingency planning manual |
| HVAC - Crisis Management Protocols | 5 kW | 5 kW | Emergency contact list |
| HVAC - Business Continuity Plans | 5 kW | 5 kW | Disaster recovery strategy |
| HVAC - Data Backup Procedures | 5 kW | 5 kW | Information security policy |
| HVAC - Network Security Measures | 5 kW | 5 kW | Firewall configuration rules |
| HVAC - Software License Management | 5 kW | 5 kW | Software asset inventory |
| HVAC - Hardware Refresh Cycle | 5 kW | 5 kW | Equipment replacement schedule |
| HVAC - Cloud Migration Strategy | 5 kW | 5 kW | Hybrid cloud architecture plan |
| HVAC - IoT Device Integration | 5 kW | 5 kW | Smart building automation |
| HVAC - AI-Powered Analytics | 5 kW | 5 kW | Predictive maintenance model |
| HVAC - Blockchain for Supply Chain | 5 kW | 5 kW | Transparent procurement process |
| HVAC - Quantum Computing Research | 5 kW | 5 kW | Next-generation encryption tech |
| HVAC - Nanotechnology Applications | 5 kW | 5 kW | Advanced material science projects |
| HVAC - Biotechnology Innovations | 5 kW | 5 kW | Genetic engineering research |
| HVAC - Space Exploration Prep | 5 kW | 5 kW | Deep space mission simulation |
| HVAC - Mars Colonization Studies | 5 kW | 5 kW | Life support system design |
| HVAC - Lunar Base Construction | 5 kW | 5 kW | Robotic assembly line deployment |
| HVAC - Asteroid Mining Operations | 5 kW | 5 kW | Resource extraction technology |
| HVAC - Oceanic Resource Exploitation | 5 kW | 5 kW | Underwater mining equipment |
| HVAC - Arctic Region Development | 5 kW | 5 kW | Polar exploration logistics |
| HVAC - Antarctic Research Station | 5 kW | 5 kW | Extreme environment habitation |
| HVAC - High Altitude Research | 5 kW | 5 kW | Tibetan plateau scientific missions |
| HV | | | |



Mustang Station Operations Manual

Emergency Operating Procedure Cold Weather Procedure EOP-9

Mustang Station
Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|-------------|-------------|--------------------|
| 0 | 11-17-14 | PIC Group | | <i>Carl Brunko</i> |
| 1 | 10-1-2020 | NRG Energy | H. Moreno | M. Goller |
| 2 | 04-21-2021 | NRG Energy | H. Moreno | M. Goller |
| 3 | 09-21-2021 | NRG Energy | H. Moreno | M. Goller |

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**Emergency Operating Procedure – Cold Weather Procedure EOP-9****Procedure Revision Summary**

| | |
|--------------|--|
| 1. | Document and Revision Number: Procedure EOP-9 |
| 2. | Document Title: Cold Weather Procedure |
| 3. | Effective Date: 12-16-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Review for reissue |
| Rev 2 | Minor Format Changes |
| Rev 3 | Replaced JSTA with Job Briefing. Removed items no longer applicable |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



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| | EXHIBIT EOP-9-3 | 16 |
| | EXHIBIT EOP-9-4 | 19 |



1.0 Safety Considerations

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



2.0 Preparations Prior to Winter Season

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

NOTE: Site personnel should pay special attention to antifreeze properties, add additional glycol if needed to prevent freezing at anticipated coldest temperatures.

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



2.0 Preparations Prior to Winter Season, continued

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



3.0 Entry Conditions

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



4.0 Operator Actions

4.1 Preparations Prior to an Extreme Cold Weather Event

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

4.2 During an Extreme Cold Weather Event

[REDACTED]

1. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

5.0 Subsequent Operator Actions

- [illegible]

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-1

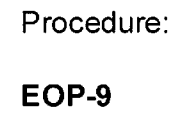
Date: _____ Time: _____ Operators Initial: _____

[illegible]



EXHIBIT EOP-9-1

| | |
|------------|------------|
| [REDACTED] | |
| [REDACTED] | [REDACTED] |
| | [REDACTED] |
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| | [REDACTED] |
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| [REDACTED] | |
| | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |



127

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-2

[illegible]

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-2

| [REDACTED] | | | |
|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-3

[illegible]

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-3

[illegible]

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-3

[illegible]

EXHIBIT EOP-9-4

[REDACTED]

[REDACTED] [REDACTED] [REDACTED]

[REDACTED] [REDACTED] [REDACTED]

[REDACTED] [REDACTED] [REDACTED]

[illegible]

Emergency Operating Procedure – Cold Weather Procedure

EOP-9

EXHIBIT EOP-9-4

[illegible]



EXHIBIT EOP-9-4

[REDACTED]

| | |
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| | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |
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| | [REDACTED] |
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| | [REDACTED] |
| | [REDACTED] |

Comments:



EXHIBIT EOP-9-4

[Redacted content]

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| | [Redacted] |
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| | [Redacted] |
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| | [Redacted] |
| | [Redacted] |
| | [Redacted] |

Comments:

[Redacted content]



EXHIBIT EOP-9-4

[Redacted content]

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| | [Redacted] |
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| | [Redacted] |
| | [Redacted] |

Comments:

[Redacted content]



EXHIBIT EOP-9-4

[Redacted content]

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| | [Redacted] |
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| | [Redacted] |
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| | [Redacted] |
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| | [Redacted] |

Comments:

[Redacted content]



Mustang Station Operations Manual

Emergency Operating Procedure Hot Weather Procedure EOP-10

Mustang Station Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|-------------|-------------|--------------------|
| 0 | 11/17/2014 | PIC Group | | <i>Carl Brumke</i> |
| 1 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

| | |
|-------|--|
| 1. | Document and Revision Number: Procedure EOP-10 |
| 2. | Document Title: Hot Weather Procedure |
| 3. | Effective Date: 11/17/2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Minor Format Changes. Updated Safety Considerations. |
| | |
| | |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |

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1.0 Safety Considerations

- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
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[REDACTED]
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[REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]



2.0 Preparations Prior to Summer Weather Season

[REDACTED]
[REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

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- [REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]
[REDACTED]

| | |
|------------|------------|
| [REDACTED] | [REDACTED] |
| | [REDACTED] |

2.0 Preparations Prior to Summer Weather Season, continued

- [illegible]

2.0 Preparations Prior to Summer Weather Season, continued

- [illegible]



2.0 Preparations Prior to Summer Weather Season, continued

- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]



3.0 Entry Conditions

[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

4.0 Operator Actions

4.1 Preparations Prior to forecasted Extreme Hot Weather Event

4.1 Preparations Prior to forecasted Extreme Hot Weather Event, continued

| | | | |
|-----|-----|-----|-----|
| 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 |
| 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 |
| 13 | 13 | 13 | 13 |
| 14 | 14 | 14 | 14 |
| 15 | 15 | 15 | 15 |
| 16 | 16 | 16 | 16 |
| 17 | 17 | 17 | 17 |
| 18 | 18 | 18 | 18 |
| 19 | 19 | 19 | 19 |
| 20 | 20 | 20 | 20 |
| 21 | 21 | 21 | 21 |
| 22 | 22 | 22 | 22 |
| 23 | 23 | 23 | 23 |
| 24 | 24 | 24 | 24 |
| 25 | 25 | 25 | 25 |
| 26 | 26 | 26 | 26 |
| 27 | 27 | 27 | 27 |
| 28 | 28 | 28 | 28 |
| 29 | 29 | 29 | 29 |
| 30 | 30 | 30 | 30 |
| 31 | 31 | 31 | 31 |
| 32 | 32 | 32 | 32 |
| 33 | 33 | 33 | 33 |
| 34 | 34 | 34 | 34 |
| 35 | 35 | 35 | 35 |
| 36 | 36 | 36 | 36 |
| 37 | 37 | 37 | 37 |
| 38 | 38 | 38 | 38 |
| 39 | 39 | 39 | 39 |
| 40 | 40 | 40 | 40 |
| 41 | 41 | 41 | 41 |
| 42 | 42 | 42 | 42 |
| 43 | 43 | 43 | 43 |
| 44 | 44 | 44 | 44 |
| 45 | 45 | 45 | 45 |
| 46 | 46 | 46 | 46 |
| 47 | 47 | 47 | 47 |
| 48 | 48 | 48 | 48 |
| 49 | 49 | 49 | 49 |
| 50 | 50 | 50 | 50 |
| 51 | 51 | 51 | 51 |
| 52 | 52 | 52 | 52 |
| 53 | 53 | 53 | 53 |
| 54 | 54 | 54 | 54 |
| 55 | 55 | 55 | 55 |
| 56 | 56 | 56 | 56 |
| 57 | 57 | 57 | 57 |
| 58 | 58 | 58 | 58 |
| 59 | 59 | 59 | 59 |
| 60 | 60 | 60 | 60 |
| 61 | 61 | 61 | 61 |
| 62 | 62 | 62 | 62 |
| 63 | 63 | 63 | 63 |
| 64 | 64 | 64 | 64 |
| 65 | 65 | 65 | 65 |
| 66 | 66 | 66 | 66 |
| 67 | 67 | 67 | 67 |
| 68 | 68 | 68 | 68 |
| 69 | 69 | 69 | 69 |
| 70 | 70 | 70 | 70 |
| 71 | 71 | 71 | 71 |
| 72 | 72 | 72 | 72 |
| 73 | 73 | 73 | 73 |
| 74 | 74 | 74 | 74 |
| 75 | 75 | 75 | 75 |
| 76 | 76 | 76 | 76 |
| 77 | 77 | 77 | 77 |
| 78 | 78 | 78 | 78 |
| 79 | 79 | 79 | 79 |
| 80 | 80 | 80 | 80 |
| 81 | 81 | 81 | 81 |
| 82 | 82 | 82 | 82 |
| 83 | 83 | 83 | 83 |
| 84 | 84 | 84 | 84 |
| 85 | 85 | 85 | 85 |
| 86 | 86 | 86 | 86 |
| 87 | 87 | 87 | 87 |
| 88 | 88 | 88 | 88 |
| 89 | 89 | 89 | 89 |
| 90 | 90 | 90 | 90 |
| 91 | 91 | 91 | 91 |
| 92 | 92 | 92 | 92 |
| 93 | 93 | 93 | 93 |
| 94 | 94 | 94 | 94 |
| 95 | 95 | 95 | 95 |
| 96 | 96 | 96 | 96 |
| 97 | 97 | 97 | 97 |
| 98 | 98 | 98 | 98 |
| 99 | 99 | 99 | 99 |
| 100 | 100 | 100 | 100 |

A horizontal bar chart with four rows representing different age groups: 18-24, 25-34, 35-44, and 45+. Each row has two bars: a blue bar for 'Male' and a red bar for 'Female'. The y-axis is labeled 'Percentage' and ranges from 0 to 100 in increments of 20. The x-axis is labeled 'Percentage' and ranges from 0 to 100 in increments of 20. The data is as follows:

| Age Group | Male (%) | Female (%) |
|-----------|----------|------------|
| 18-24 | 95 | 10 |
| 25-34 | 75 | 70 |
| 35-44 | 70 | 65 |
| 45+ | 90 | 85 |



4.2 During an Extreme Hot Weather Event

NOTE:

- [REDACTED]
- [REDACTED]
- [REDACTED]

- | | | | | | | | | | | | | | |
|------------|---|------------|--|------------|--|------------|--|------------|--|------------|--|------------|--|
| | [REDACTED] | | | | | | | | | | | | |
| | [REDACTED] [REDACTED] | | | | | | | | | | | | |
| | <table border="1"><tr><td>[REDACTED]</td><td>[REDACTED] [REDACTED] [REDACTED]</td></tr><tr><td colspan="2">[REDACTED]</td></tr><tr><td colspan="2">[REDACTED]</td></tr><tr><td colspan="2">[REDACTED]</td></tr><tr><td colspan="2">[REDACTED]</td></tr><tr><td colspan="2">[REDACTED]</td></tr></table> | [REDACTED] | [REDACTED] [REDACTED] [REDACTED] | [REDACTED] | | [REDACTED] | | [REDACTED] | | [REDACTED] | | [REDACTED] | |
| [REDACTED] | [REDACTED] [REDACTED] [REDACTED] | | | | | | | | | | | | |
| [REDACTED] | | | | | | | | | | | | | |
| [REDACTED] | | | | | | | | | | | | | |
| [REDACTED] | | | | | | | | | | | | | |
| [REDACTED] | | | | | | | | | | | | | |
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| | <table border="1"><tr><td>[REDACTED]</td><td>[REDACTED] [REDACTED] [REDACTED] [REDACTED]</td></tr></table> | [REDACTED] | [REDACTED] [REDACTED] [REDACTED] [REDACTED] | | | | | | | | | | |
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| | [REDACTED] | | | | | | | | | | | | |



- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



Mustang Station Operations Manual
Emergency Operating Procedure – Hot Weather Procedure

Procedure:
EOP-10

EXHIBIT EOP-10-1

[REDACTED]

| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
|------------|------------|------------|------------|
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
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| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

Emergency Operating Procedure – Hot Weather Procedure

EOP-10

EXHIBIT EOP-10-1

| Category | Item | Value | Unit |
|-------------|--------|----------|---------|
| Total | | | |
| Category 1 | Item 1 | Value 1 | Unit 1 |
| Category 1 | Item 2 | Value 2 | Unit 1 |
| Category 2 | Item 1 | Value 3 | Unit 2 |
| Category 2 | Item 2 | Value 4 | Unit 2 |
| Category 3 | Item 1 | Value 5 | Unit 3 |
| Category 3 | Item 2 | Value 6 | Unit 3 |
| Category 4 | Item 1 | Value 7 | Unit 4 |
| Category 4 | Item 2 | Value 8 | Unit 4 |
| Category 5 | Item 1 | Value 9 | Unit 5 |
| Category 5 | Item 2 | Value 10 | Unit 5 |
| Category 6 | Item 1 | Value 11 | Unit 6 |
| Category 6 | Item 2 | Value 12 | Unit 6 |
| Category 7 | Item 1 | Value 13 | Unit 7 |
| Category 7 | Item 2 | Value 14 | Unit 7 |
| Category 8 | Item 1 | Value 15 | Unit 8 |
| Category 8 | Item 2 | Value 16 | Unit 8 |
| Category 9 | Item 1 | Value 17 | Unit 9 |
| Category 9 | Item 2 | Value 18 | Unit 9 |
| Category 10 | Item 1 | Value 19 | Unit 10 |
| Category 10 | Item 2 | Value 20 | Unit 10 |



EXHIBIT EOP-10-1

[REDACTED]

| | | | |
|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
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| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
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| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
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| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |



EXHIBIT EOP-10-2

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED] [REDACTED]

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EXHIBIT EOP-10-2

[REDACTED]

[REDACTED]

| | |
|--|------------|
| | [REDACTED] |
| | [REDACTED] |

Comments:

EXHIBIT EOP-10-3

[illegible]



EXHIBIT EOP-10-3

[REDACTED]

[REDACTED]

| | |
|--|------------|
| | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |
| | [REDACTED] |

Comments:



Mustang Station Operations Manual

Emergency Operating Procedure Tornado/High Wind Event EOP-11

Mustang Station
Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|-------------|-------------|-------------------|
| 0 | | | | <i>Carl Brunk</i> |
| 1 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

| | |
|-------|--|
| 1. | Document and Revision Number: Procedure EOP-11 |
| 2. | Document Title: Tornado/High Wind Event |
| 3. | Effective Date: |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Minor format changes |
| | |
| | |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |



Emergency Operating Procedure – Tornado/High Wind Event EOP-11

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| 4.0 | Operator Actions | 8 |
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| EXHIBIT EOP-11-2 | | 18 |



1.0 Safety Considerations

- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
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2.0 Preparations Prior to Tornado Season

[REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

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[REDACTED]
[REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]



2.0 Preparations Prior to Tornado Season, continued

- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



3.0 Entry Conditions

[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]



4.0 Operator Actions

4.1 Preparations Prior to a Tornado or High Wind Event

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]



4.1 Preparations Prior to a Tornado or High Wind Event, continued

■ [REDACTED]

[REDACTED]

[REDACTED]



4.2 During a High Wind Event

-
-
- -
 -
 -
 -
 -



4.3 During a Tornado Watch or Warning

-
-
- -
 -
 -
 -



4.2 During a Tornado Watch or Warning, continued

- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]



5.0 Subsequent Operator Actions

- [REDACTED]
[REDACTED]

| |
|--|
| [REDACTED] |
| [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] |
| [REDACTED] |

| | |
|------------|--|
| [REDACTED] | [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] |
|------------|--|

- [REDACTED]
- [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
[REDACTED]



5.0 Subsequent Operator Actions, continued

- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
[REDACTED]
- [REDACTED]



EXHIBIT EOP-11-1

[illegible]



EXHIBIT EOP-11-1

[illegible]



EXHIBIT EOP-11-1

[REDACTED]

| | | | |
|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | | | |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |



EXHIBIT EOP-11-2

[REDACTED]

[REDACTED] [REDACTED] [REDACTED]

[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

| | |
|---|------------|
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |
| ■ | [REDACTED] |

Comments:



Mustang Station Operations Manual

Emergency Operating Procedure Wild Fire Procedure EOP-12

Mustang Station
Denver City, Texas

| Rev | Date | Prepared By | Reviewed By | Approved By |
|-----|------------|---------------|-------------|--------------------|
| 0 | 12/03/2014 | PIC Group Inc | D. Horwath | <i>Carl Brunko</i> |
| 1 | 04-29-2021 | NRG Energy | H. Moreno | M. Goller |

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Procedure Revision Summary

| | |
|-------|--|
| 1. | Document and Revision Number: Procedure EOP-12 |
| 2. | Document Title: Wild Fire Procedure |
| 3. | Effective Date: 12-03-2014 |
| 4. | Document Change: |
| Rev 0 | Initial draft for procedure |
| Rev 1 | Minor format changes |
| Rev 2 | |
| | |
| | |
| | |
| 5. | Training Requirements: Required reading for all affected personnel. The precautions to be observed by operating staff personnel during their work within the plant. |