

ภาคผนวก ข

เอกสารประกอบผลการปฏิบัติตามมาตรการป้องกัน
และแก้ไขผลกระทบสิ่งแวดล้อม

ภาคผนวก ข-1

เงื่อนไขการสั่งจ้างผู้รับเหมาตามมาตรการป้องกัน
และแก้ไขผลกระทบสิ่งแวดล้อม

ORIGINAL

Execution Version

CONSTRUCTION CONTRACT
FOR
GNRV1 PROJECT
BETWEEN
GULF NRV1 COMPANY LIMITED
(OWNER)
AND
TOYO ENGINEERING CORPORATION
(CONTRACTOR)

CONSTRUCTION CONTRACT

GulfNRV1 Company Limited

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สำเนาหนังสือนำเสนอรายงานผลการปฏิบัติตามมาตรการติดตามตรวจสอบ
ผลกระทบสิ่งแวดล้อมของโครงการ ฉบับล่าสุด

ที่ GNRV2 O 0722/118

20 กรกฎาคม 2565

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม
โครงการโรงไฟฟ้าหนองระเวียง 2 บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ครั้งที่ 1/2565
(เดือนมกราคม ถึง มิถุนายน พ.ศ. 2565)

เรียน เลขาธิการสำนักงานคณะกรรมการกำกับกิจการพลังงาน

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม
โครงการโรงไฟฟ้าหนองระเวียง 2 บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ระยะดำเนินการ ครั้งที่ 1/2565
(เดือนมกราคม ถึง มิถุนายน พ.ศ. 2565) จำนวน 3 เล่ม
2. แผ่นซีดีรอม จำนวน 3 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการด้านโรงไฟฟ้าพลังงาน
ความร้อน ได้เห็นชอบรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าหนองระเวียง 1 ตั้งอยู่ในเขตอุตสาหกรรม
สุรนารี ตำบลหนองระเวียง อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา เมื่อวันที่ 4 พฤศจิกายน 2559 โดยมีเลขที่ใบอนุญาต
ประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ 01-1(2)/60-225 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตาม
มาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้อง เป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบ
สิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โรงไฟฟ้าหนองระเวียง 2 ครั้งที่ 1/2565 (เดือนมกราคม
ถึง มิถุนายน พ.ศ. 2565) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและ
ดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ

Panai

(นายปณัย เจียมเจริญกุล)

ผู้จัดการโรงไฟฟ้า

บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด

ได้รับต้นฉบับหนังสือนี้แล้ว

ลงชื่อ.....ผู้รับ
(.....)
วันที่ 20 ต.ค. 65

ที่ GNRV2 O 0722/119

20 กรกฎาคม 2565

เรื่อง ขอนำส่งรายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม
โครงการโรงไฟฟ้าหนองระเวียง 2 บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ครั้งที่ 1/2565
(เดือนมกราคม ถึง มิถุนายน พ.ศ. 2565)

เรียน ผู้ว่าราชการจังหวัดนครราชสีมา

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติตามมาตรการที่กำหนดไว้ในรายงานการวิเคราะห์ผลกระทบด้านสิ่งแวดล้อม
โครงการโรงไฟฟ้าหนองระเวียง 2 บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ระยะดำเนินการ ครั้งที่ 1/2565
(เดือนมกราคม ถึง มิถุนายน พ.ศ. 2565) จำนวน 1 เล่ม
2. แผ่นซีดีรอม จำนวน 1 แผ่น

ตามที่คณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการด้านโรงไฟฟ้าพลังงาน
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สุรนารี ตำบลหนองระเวียง อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา เมื่อวันที่ 4 พฤศจิกายน 2559 โดยมีเลขที่ใบอนุญาต
ประกอบกิจการผลิตไฟฟ้า เลขที่ กกพ 01-1(2)/60-225 โดยได้กำหนดให้โครงการจะต้องจัดส่งรายงานผลการปฏิบัติตาม
มาตรการด้านสิ่งแวดล้อมต่อหน่วยงานราชการที่เกี่ยวข้อง เป็นประจำทุก 6 เดือน นั้น

บัดนี้ ทางบริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด ได้จัดทำรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบ
สิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบด้านสิ่งแวดล้อม โรงไฟฟ้าหนองระเวียง 2 ครั้งที่ 1/2565 (เดือนมกราคม
ถึง มิถุนายน พ.ศ. 2565) เสร็จสิ้นเป็นที่เรียบร้อยแล้ว ทางบริษัทฯ จึงใคร่ขอนำส่งรายงานดังกล่าวให้กับหน่วยงานของท่านและ
ดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ



(นายปณัย เจียมเจริญกุล)

ผู้จัดการโรงไฟฟ้า

บริษัท กัลฟ์ เอ็นเนอร์จี 2 จำกัด

| | |
|--------------------------------|--------|
| ได้รับต้นฉบับหนังสือนี้ไว้แล้ว | |
| ลงชื่อ..... | ผู้รับ |
| (2011 2565) | |
| วันที่..... | |

ภาคผนวก ข-3

ตัวอย่างเอกสารการบำรุงรักษาดูแลการทำงานของระบบหล่อเย็น
และผลการตรวจปริมาณเชื้อลิจิโอนลล่า (*Legionella spp.*) ในหอหล่อเย็น



PM CHECK SHEET AUXILIARY COOLING TOWER FAN

| | | | |
|------------------|---------------------------------|-----------------|------------|
| PLANT : | GNRV2 | WORK SUPERVISOR | Kittikhun |
| KKS CODE : | 2112-CG-10PCD91-94AN001 | WORK ORDER NO. | 20243339 |
| EQUIPMENT NAME : | AUX COOLING TOWER 1Y INSPECTION | WORK PERMIT NO. | 2112002261 |
| FORM NO. : | FW-MTN-MM-19-01 Rev.01 | CHECK DATE | 20-01-22 |
| | | INTERVAL | YEARLY |








| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | | | |
|------|---|----------|----------------------------------|----------------------|--------|--------|--------|
| | | | Aux. cooling fan No. | 1 | 2 | 3 | 4 |
| 1 | Check groove of pulley for wear and rust | Pulley | Not damage | Normal | Normal | Normal | Normal |
| 2 | Check of belt tension and wear (replace if necessary) | Belt | Tension, not wear | Normal | Normal | Normal | Normal |
| 3 | Check alignment of pulley | Pulley | Alignment | Normal | Normal | Normal | Normal |
| | | | Blade No. | 1 | 2 | 3 | 4 |
| 4 | Check gap clearance Fan No. 1 | 0° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 90° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 180° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 270° | > 5 mm | Normal | Normal | Normal | Normal |
| | Check gap clearance Fan No. 2 | 0° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 90° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 180° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 270° | > 5 mm | Normal | Normal | Normal | Normal |
| | Check gap clearance Fan No. 3 | 0° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 90° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 180° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 270° | > 5 mm | Normal | Normal | Normal | Normal |
| | Check gap clearance Fan No. 4 | 0° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 90° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 180° | > 5 mm | Normal | Normal | Normal | Normal |
| | | 270° | > 5 mm | Normal | Normal | Normal | Normal |
| 5 | Check Blade angle 21 degree (Mark 0) | Fan No.1 | Mark 0 | Normal | Normal | Normal | Normal |
| | Check Blade angle 21 degree (Mark 0) | Fan No.2 | Mark 0 | Normal | Normal | Normal | Normal |
| | Check Blade angle 21 degree (Mark 0) | Fan No.3 | Mark 0 | Normal | Normal | Normal | Normal |
| | Check Blade angle 21 degree (Mark 0) | Fan No.4 | Mark 0 | Normal | Normal | Normal | Normal |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | | | |
| Note | | | | | | | |
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PM CHECK SHEET AIR COOLED CONDENSER








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|------------------|--------------------------|-----------------|-------------|
| PLANT : | GNRV2 | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | 10MAG11AN001 | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | Air Cooled Condenser 1-1 | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | FW-MTN-MM-18-01 Rev.01 | CHECK DATE | 26-Jul-22 |
| | | INTERVAL | YEARLY |








| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | | |
|------------|------------------------------|---------------------------|--|------------------------------------|----------------------|------|
| 1 | Check oil leak | From gear box | No leak | No leak | | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | | |
| 8 | Check back stop | Blade / hub blade | Turn CW | ✓ | | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | | |
| Blade No.1 | | Blade Serial number | 45/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 |
| | | Tip clearance PN | 20 - 50 mm | 49 | | |
| | | Tip clearance PE | 20 - 50 mm | 30 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 41 | | |
| Blade No.2 | | Blade Serial number | 32/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 50 | | |
| | | Tip clearance PE | 20 - 50 mm | 30 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 42 | | |
| Blade No.3 | | Blade Serial number | 43/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 |
| | | Tip clearance PN | 20 - 50 mm | 42 | | |
| | | Tip clearance PE | 20 - 50 mm | 28 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 40 | | |
| Blade No.4 | | Blade Serial number | 44/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 50 | | |
| | | Tip clearance PE | 20 - 50 mm | 30 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 42 | | |
| Blade No.5 | | Blade Serial number | 42/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 50 | | |
| | | Tip clearance PE | 20 - 50 mm | 30 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 40 | | |
| Blade No.6 | | Blade Serial number | 46/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 |
| | | Tip clearance PN | 20 - 50 mm | 50 | | |
| | | Tip clearance PE | 20 - 50 mm | 30 | | |
| | | Tip clearance PS | 20 - 50 mm | 50 | | |
| | | Tip clearance PW | 20 - 50 mm | 40 | | |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | | |
| Note | | | | | | |
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|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG11AN002 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 1-2 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  | Blade Serial number 33/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 |
| | | Tip clearance PN | 20 - 50 mm | 47 | |
| | | Tip clearance PE | 20 - 50 mm | 43 | |
| | | Tip clearance PS | 20 - 50 mm | 41 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.2 |  | Blade Serial number 34/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 44 | |
| | | Tip clearance PS | 20 - 50 mm | 42 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.3 |  | Blade Serial number 35/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 |
| | | Tip clearance PN | 20 - 50 mm | 50 | |
| | | Tip clearance PE | 20 - 50 mm | 44 | |
| | | Tip clearance PS | 20 - 50 mm | 43 | |
| | | Tip clearance PW | 20 - 50 mm | 37 | |
| Blade No.4 |  | Blade Serial number 36/48 | Blade angle | Set point 17.8±0.5 ° | 18 |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 43 | |
| | | Tip clearance PS | 20 - 50 mm | 42 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.5 |  | Blade Serial number 47/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 43 | |
| | | Tip clearance PS | 20 - 50 mm | 41 | |
| | | Tip clearance PW | 20 - 50 mm | 37 | |
| Blade No.6 |  | Blade Serial number 48/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 |
| | | Tip clearance PN | 20 - 50 mm | 46 | |
| | | Tip clearance PE | 20 - 50 mm | 43 | |
| | | Tip clearance PS | 20 - 50 mm | 41 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| | | | ACCEPTED AND COMPLETED BY | Kritsanapong Boonmun | |
| LEADER | | | | | |
| Note | | | | | |
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|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG11AN003 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 1-3 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  | Blade Serial number 24/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 32 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 37 | |
| Blade No.2 |  | Blade Serial number 26/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 35 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 39 | |
| Blade No.3 |  | Blade Serial number 28/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 34 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 40 | |
| Blade No.4 |  | Blade Serial number 30/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 |
| | | Tip clearance PN | 20 - 50 mm | 44 | |
| | | Tip clearance PE | 20 - 50 mm | 33 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 40 | |
| Blade No.5 |  | Blade Serial number 31/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 40 | |
| | | Tip clearance PE | 20 - 50 mm | 30 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 39 | |
| Blade No.6 |  | Blade Serial number 22/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 44 | |
| | | Tip clearance PE | 20 - 50 mm | 33 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 37 | |
| | | | ACCEPTED AND COMPLETED BY | Kritsanapong Boonmun | |
| LEADER | | | | | |
| Note | | | | | |
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|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG11AN004 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 1-4 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  Blade Serial number 11/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 38 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 32 | |
| Blade No.2 |  Blade Serial number 20/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 38 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.3 |  Blade Serial number 17/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 | |
| | | Tip clearance PN | 20 - 50 mm | 50 | |
| | | Tip clearance PE | 20 - 50 mm | 38 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.4 |  Blade Serial number 15/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 | |
| | | Tip clearance PN | 20 - 50 mm | 50 | |
| | | Tip clearance PE | 20 - 50 mm | 37 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 33 | |
| Blade No.5 |  Blade Serial number 13/48 | Blade angle | Set point 17.8±0.5 ° | 17.8 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 38 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 32 | |
| Blade No.6 |  Blade Serial number 21/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 38 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 31 | |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | |
| Note | | | | | |
| | | | | | |
| | | | | | |

|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG12AN001 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 2-1 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  Blade Serial number 12/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 | |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 30 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 44 | |
| Blade No.2 |  Blade Serial number 14/48 | Blade angle | Set point 17.8±0.5 ° | 18 | |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 31 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 45 | |
| Blade No.3 |  Blade Serial number 23/48 | Blade angle | Set point 17.8±0.5 ° | 18.1 | |
| | | Tip clearance PN | 20 - 50 mm | 50 | |
| | | Tip clearance PE | 20 - 50 mm | 31 | |
| | | Tip clearance PS | 20 - 50 mm | 52 | |
| | | Tip clearance PW | 20 - 50 mm | 45 | |
| Blade No.4 |  Blade Serial number 19/48 | Blade angle | Set point 17.8±0.5 ° | 18.2 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 31 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 45 | |
| Blade No.5 |  Blade Serial number 18/48 | Blade angle | Set point 17.8±0.5 ° | 18.1 | |
| | | Tip clearance PN | 20 - 50 mm | 49 | |
| | | Tip clearance PE | 20 - 50 mm | 30 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 45 | |
| Blade No.6 |  Blade Serial number 16/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 | |
| | | Tip clearance PN | 20 - 50 mm | 48 | |
| | | Tip clearance PE | 20 - 50 mm | 30 | |
| | | Tip clearance PS | 20 - 50 mm | 49 | |
| | | Tip clearance PW | 20 - 50 mm | 44 | |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | |
| Note | | | | | |
| | | | | | |
| | | | | | |

|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG12AN002 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 2-2 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  | Blade Serial number 3/48 | Blade angle | Set point 17.8±0.5 ° | 18.1 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 22 | |
| | | Tip clearance PS | 20 - 50 mm | 54 | |
| | | Tip clearance PW | 20 - 50 mm | 25 | |
| Blade No.2 |  | Blade Serial number 5/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 22 | |
| | | Tip clearance PS | 20 - 50 mm | 55 | |
| | | Tip clearance PW | 20 - 50 mm | 25 | |
| Blade No.3 |  | Blade Serial number 37/48 | Blade angle | Set point 17.8±0.5 ° | 18 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 22 | |
| | | Tip clearance PS | 20 - 50 mm | 54 | |
| | | Tip clearance PW | 20 - 50 mm | 26 | |
| Blade No.4 |  | Blade Serial number 38/48 | Blade angle | Set point 17.8±0.5 ° | 18.1 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 21 | |
| | | Tip clearance PS | 20 - 50 mm | 53 | |
| | | Tip clearance PW | 20 - 50 mm | 26 | |
| Blade No.5 |  | Blade Serial number 9/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 22 | |
| | | Tip clearance PS | 20 - 50 mm | 54 | |
| | | Tip clearance PW | 20 - 50 mm | 25 | |
| Blade No.6 |  | Blade Serial number 7/48 | Blade angle | Set point 17.8±0.5 ° | 18 |
| | | Tip clearance PN | 20 - 50 mm | 41 | |
| | | Tip clearance PE | 20 - 50 mm | 23 | |
| | | Tip clearance PS | 20 - 50 mm | 55 | |
| | | Tip clearance PW | 20 - 50 mm | | |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | |
| Note | | | | | |
| | | | | | |
| | | | | | |

|  PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|--|---|---------------------------|--|------------------------------------|-------------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | Pattanapong |
| KKS CODE : | | 10MAG12AN003 | | WORK ORDER NO. | 20245191 |
| EQUIPMENT NAME : | | Air Cooled Condenser 2-3 | | WORK PERMIT NO. | 2112002715 |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | 26-Jul-22 |
| | | | INTERVAL | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | |
| 8 | Check back stop | Blade / hub blade | 1 turn CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 |  | Blade Serial number 1/48 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 44 | |
| | | Tip clearance PE | 20 - 50 mm | 34 | |
| | | Tip clearance PS | 20 - 50 mm | 49 | |
| | | Tip clearance PW | 20 - 50 mm | 34 | |
| Blade No.2 |  | Blade Serial number 6/6 | Blade angle | Set point 17.8±0.5 ° | 17.5 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 35 | |
| | | Tip clearance PS | 20 - 50 mm | 49 | |
| | | Tip clearance PW | 20 - 50 mm | 34 | |
| Blade No.3 |  | Blade Serial number 5/6 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 40 | |
| | | Tip clearance PE | 20 - 50 mm | 35 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.4 |  | Blade Serial number 3/6 | Blade angle | Set point 17.8±0.5 ° | 18.1 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 36 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.5 |  | Blade Serial number 4/6 | Blade angle | Set point 17.8±0.5 ° | 17.6 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 36 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.6 |  | Blade Serial number 10/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 35 | |
| | | Tip clearance PS | 20 - 50 mm | 50 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| | | | ACCEPTED AND COMPLETED BY LEADER | Kritsanapong Boonmun | |
| Note | | | | | |
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| PM CHECK SHEET AIR COOLED CONDENSER | | | | | |
|-------------------------------------|------------------------------|---------------------------|--|------------------------------------|--------|
| PLANT : | | GNRV2 | | WORK SUPERVISOR | |
| KKS CODE : | | 10MAG12AN004 | | WORK ORDER NO. | |
| EQUIPMENT NAME : | | Air Cooled Condenser 2-4 | | WORK PERMIT NO. | |
| FORM NO. : | | FW-MTN-MM-18-01 Rev.01 | | CHECK DATE | |
| | | INTERVAL | | YEARLY | |
| ITEM | DESCRIPTION | POSITION | CRITERIA | RESULT | |
| 1 | Check oil leak | From gear box | No leak | No leak | |
| 2 | Check magnetic | Dip stick | Not have scrap metal | Normal | |
| 3 | Replace lube oil | Gearbox | 31 liters | Replace | |
| 4 | Check oil level | Sight glass | Middle sight glass | Middle | |
| 5 | Replace lube oil filter | Lube oil filter | Replace | No replace | |
| 6 | Replace air breather gearbox | Silica gel (Air breather) | Replace | No replace | |
| 7 | Torque bolt checking | M30 no.46 M20 no.30 | Hub blade / gearbox Blade / hub blade | Torque 1,633 N.m Torque 472 N.m | ✓ ✓ |
| 8 | Check back stop | Blade / hub blade | 1 um CW | ✓ | |
| 9 | Blades checking | Angle / tip clearance | As below table | ✓ | |
| Blade No.1 | Blade Serial number 25/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 | |
| | | Tip clearance PN | 20 - 50 mm | 44 | |
| | | Tip clearance PE | 20 - 50 mm | 36 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.2 | Blade Serial number 27/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 | |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 32 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 36 | |
| Blade No.3 | Blade Serial number 29/48 | Blade angle | Set point 17.8±0.5 ° | 17.9 | |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 31 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.4 | Blade Serial number 41/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 | |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 33 | |
| | | Tip clearance PS | 20 - 50 mm | 52 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| Blade No.5 | Blade Serial number 40/48 | Blade angle | Set point 17.8±0.5 ° | 17.7 | |
| | | Tip clearance PN | 20 - 50 mm | 45 | |
| | | Tip clearance PE | 20 - 50 mm | 33 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 36 | |
| Blade No.6 | Blade Serial number 39/48 | Blade angle | Set point 17.8±0.5 ° | 18.1 | |
| | | Tip clearance PN | 20 - 50 mm | 44 | |
| | | Tip clearance PE | 20 - 50 mm | 32 | |
| | | Tip clearance PS | 20 - 50 mm | 51 | |
| | | Tip clearance PW | 20 - 50 mm | 35 | |
| ACCEPTED AND COMPLETED BY | | | Krisanapong Boonmun | | |
| LEADER | | | | | |
| Note | | | | | |

FW-MTN-MM-18-01 Rev.01



Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สัญญาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 22106481

Date Received : Oct 27, 2022

Date Reported : Nov 12, 2022

Report Number : 2416472-1

Page 1 of 3

| Sample Number | 22106481-1 | | | | | |
|--------------------------------|---|-----|-----------|----------------|---------------------------|------------------|
| Sampled Date | Oct 26, 2022 2:50 PM | | | | | |
| Sample Description | Cooling water | | | | | |
| Location | Cooling Tower Unit 1 : CW Make up | | | | | |
| Date Analysis Commenced | Oct 27, 2022 | | | | | |
| Condition of Sample | Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method |
| Microbiological Testing | | | | | | |
| Legionella spp. | CFU/L | - | - | Not Detected** | Not Detected | ISO 11731 (2017) |

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower.

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampled By : Somboon Butchan

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Sithichok T.

Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สดุดาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 22106481

Date Received : Oct 27, 2022

Date Reported : Nov 12, 2022

Report Number : 2416472-1

Page 2 of 3

| | | | | | | | |
|--------------------------------|---|------------|------------------|----------------|----------------------------------|------------------|-------------------------|
| Sample Number | 22106481-2 | | | | | | |
| Sampled Date | Oct 26, 2022 2:45 PM | | | | | | |
| Sample Description | Cooling water | | | | | | |
| Location | Cooling Tower Unit 1 : CW Basin | | | | | | |
| Date Analysis Commenced | Oct 27, 2022 | | | | | | |
| Condition of Sample | Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
| Microbiological Testing | | | | | | | |
| <i>Legionella spp.</i> | CFU/L | - | - | Not Detected** | Not Detected | ISO 11731 (2017) | Bangkok |

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower.

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampled By : Somboon Butchan

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Sithichok T.

Sithichok Thongnguen
Scientist (3)

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Analysis / Test Report

Client : Gulf NRV2 Co., Ltd.

789 Moo 6, T. Nongraveing, A. Muang, Nakhonratchasima Thailand 30000

P/O : สดุดาเลขที่4600001547

Project Name : Monitoring EIA

Project Location : GNRV2

Lot ID: 22106481

Date Received : Oct 27, 2022

Date Reported : Nov 12, 2022

Report Number : 2416472-1

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| | | | | | | | |
|--------------------------------|---|------------|------------------|----------------|----------------------------------|------------------|-------------------------|
| Sample Number | 22106481-3 | | | | | | |
| Sampled Date | Oct 26, 2022 2:40 PM | | | | | | |
| Sample Description | Cooling water | | | | | | |
| Location | Cooling Tower Unit 1 : CW Blowdown | | | | | | |
| Date Analysis Commenced | Oct 27, 2022 | | | | | | |
| Condition of Sample | Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
| Microbiological Testing | | | | | | | |
| <i>Legionella spp.</i> | CFU/L | - | - | Not Detected** | Not Detected | ISO 11731 (2017) | Bangkok |

Guideline : Notification of Department of Health about Legionella Control in Cooling Tower.

Note : ** Not Detected mean Bacteria not found in agar plate.

Sampled By : Somboon Butchan

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Sithichok T.

Sithichok Thongnguen
Scientist (3)

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ภาคผนวก ข-4

แผนการตรวจสอบ ดูแล บำรุงรักษา และซ่อมแซมเครื่องมือ เครื่องจักร
(PM Plan)

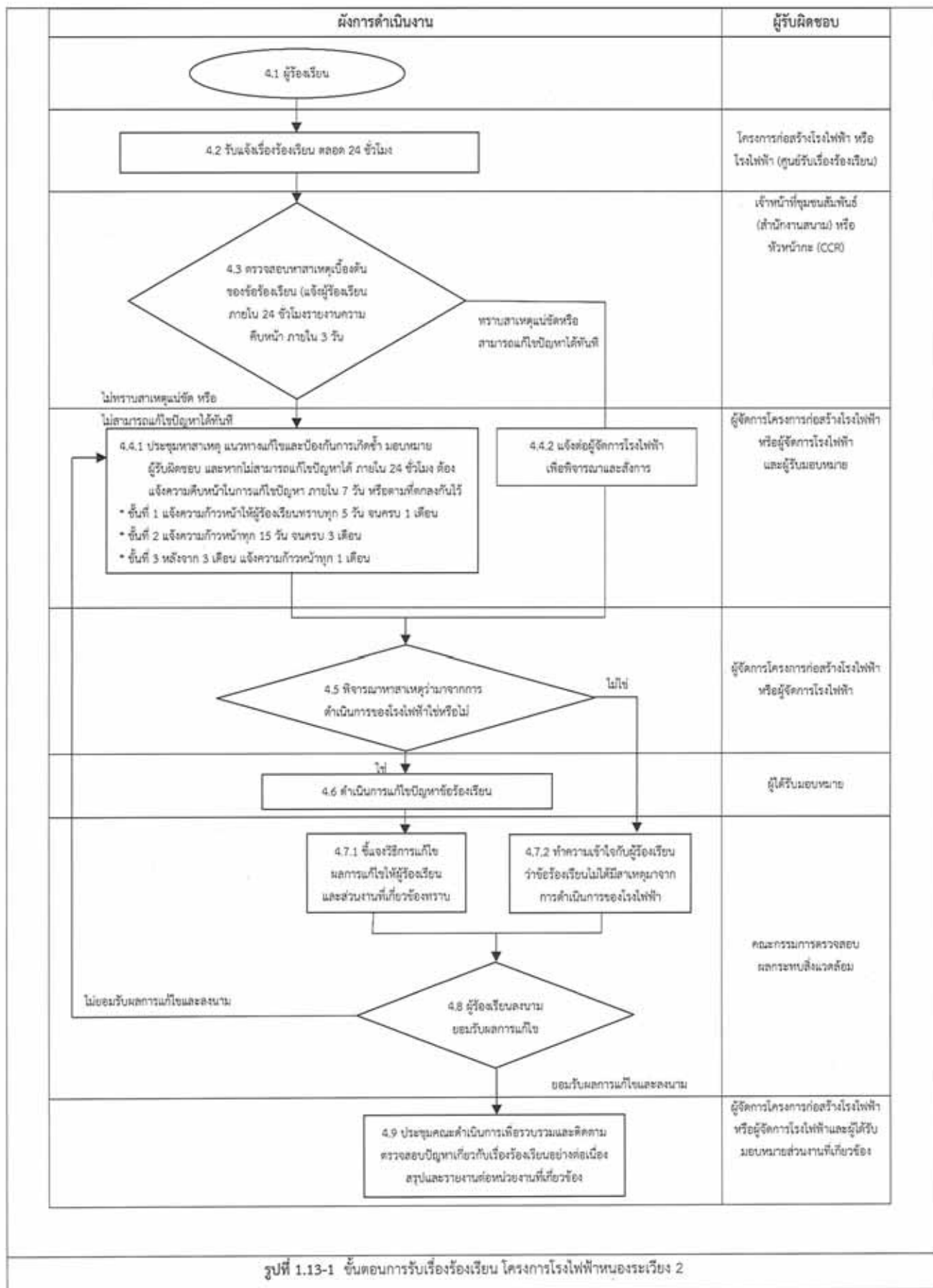
| Work Order Type | Work Order | Work Order Description | Functional Location | Functional Location Description | Main WC | Priority | Work Order Status | Created Date | Notification | Notification Status |
|-----------------|------------|--|--------------------------|--|---------|---------------------|--------------------|--------------|--------------|---------------------|
| PM01 | 20254824 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345242 | NOCO INIT |
| PM01 | 20254826 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345244 | NOCO INIT |
| PM01 | 20254828 | 1Y PM EGAT REVENUE METER | 2112-CG-10QA00GH001 | EGAT REVENUE METER (MAIN) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345246 | NOCO INIT |
| PM01 | 20254830 | 3M PM BATTERY | 2112-CG-10BTA01 | 220VDC BATTERY | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345248 | NOCO INIT |
| PM01 | 20254833 | 3M PM CHARGER/RECTIFIER/INVERTER | 2112-CG-10BTL01 | 220VDC BATTERY CHARGER 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345251 | NOCO INIT |
| PM01 | 20254835 | 6M PM FIRE ALARM SYSTEM | 2112-CG-11CYE10 | Fire protection system GT11 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345253 | NOCO INIT |
| PM01 | 20254836 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345254 | NOCO INIT |
| PM01 | 20254839 | 1M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345257 | NOCO INIT |
| PM01 | 20254842 | 3M PM MV MCW, BWFP, (CHILLER) MOTOR | 2112-CG-10LAC11AP001-M01 | MOTOR HP/LP BOILER FEED PUMP 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345260 | NOCO INIT |
| PM01 | 20254843 | 3M PM GT-11, GT-12 MOTOR | 2112-CG-11MBA-MOT-2100-M | SPRINT WATER ELECTRIC MOTOR | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345261 | NOCO INIT |
| PM01 | 20254845 | 3M PM HRSG11, HRSG12 MOTOR | 2112-CG-11GTA10AP001-M01 | MOTOR HRSG-2 BLOWDOWN WATER PUMP-1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345263 | NOCO INIT |
| PM01 | 20254847 | 3M PM LV & WTP MOTOR | 2112-CG-10EKH11AN003-M01 | MOTOR PACKAGE FAN GAS COMPRESSOR1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345265 | NOCO INIT |
| PM01 | 20254848 | 3M PM ST MOTOR | 2112-CG-10MAV02AN001 | LOIL TANK VPR EXTR | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345266 | NOCO INIT |
| PM01 | 20254849 | 3M PM CTW(ACC) MOTOR | 2112-CG-10PCC11AP001 | AUXILIARY COOLING WATER PUMP1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345267 | NOCO INIT |
| PM01 | 20254851 | 3M PM AIR COMPRESSOR MOTOR | 2112-CG-10QEA10AN001 | AIR COMPRESSOR 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345269 | NOCO INIT |
| PM01 | 20254852 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345270 | NOCO INIT |
| PM01 | 20254855 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345273 | NOCO INIT |
| PM01 | 20254858 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345276 | NOCO INIT |
| PM01 | 20254861 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345279 | NOCO INIT |
| PM01 | 20254863 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345281 | NOCO INIT |
| PM01 | 20254864 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345282 | NOCO INIT |
| PM01 | 20254866 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345284 | NOCO INIT |
| PM01 | 20254868 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345286 | NOCO INIT |
| PM01 | 20254870 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345288 | NOCO INIT |
| PM01 | 20254872 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345290 | NOCO INIT |
| PM01 | 20254874 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345292 | NOCO INIT |
| PM01 | 20254876 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345294 | NOCO INIT |
| PM01 | 20254878 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345296 | NOCO INIT |
| PM01 | 20254880 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345298 | NOCO INIT |
| PM01 | 20254882 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345300 | NOCO INIT |
| PM01 | 20254884 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345302 | NOCO INIT |
| PM01 | 20254886 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345304 | NOCO INIT |
| PM01 | 20254888 | DCS Work Station (3M) | 2112-CG-10CWA01 | DCS OPS1 HMI COMPUTER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345306 | NOCO INIT |
| PM01 | 20254890 | DCS Work Station (3M) | 2112-CG-10CWA07 | CEMS COMPUTER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345308 | NOCO INIT |
| PM01 | 20254892 | PTT GAS METERING PLAN Q (3M) | 2112-CG-10ZM10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345310 | NOCO INIT |
| PM01 | 20254894 | TOOLS OF INSTRUMENT SECTION CALIBRATION | 2112-CG-10ZM10TL001 | TOOLS OF INSTRUMENT SECTION CALIBRATION | MI1 | 3-Routine (30 Days) | TECO CNF INIT WPUR | 7/1/2022 | 10345312 | NOCO INIT |
| PM01 | 20254895 | PM 1Y EMERGENCY DIESEL GENERATOR | 2112-CG-10MJA10 | EMERGENCY DIESEL GENERATOR | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 7/1/2022 | 10345313 | NOCO INIT |
| PM01 | 20255421 | GT22 23.2K Hot Section Path BSI Insp. | 2112-CG-12MBA | GAS TURBINE SYSTEM | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 7/9/2022 | 10345883 | NOCO INIT |
| PM01 | 20256591 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347418 | NOCO INIT |
| PM01 | 20256598 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347425 | NOCO INIT |
| PM01 | 20256603 | 1Y PM EARTHING & LIGHTNING SYSTEM | 2112-CG-10BAU | EARTHING AND LIGHTNING PROTECTION | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347430 | NOCO INIT |
| PM01 | 20256610 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347437 | NOCO INIT |
| PM01 | 20256615 | 1M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347442 | NOCO INIT |
| PM01 | 20256624 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347451 | NOCO INIT |
| PM01 | 20256627 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347454 | NOCO INIT |
| PM01 | 20256630 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347457 | NOCO INIT |
| PM01 | 20256632 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347459 | NOCO INIT |
| PM01 | 20256634 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347461 | NOCO INIT |
| PM01 | 20256636 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347463 | NOCO INIT |
| PM01 | 20256639 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347466 | NOCO INIT |
| PM01 | 20256642 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347469 | NOCO INIT |
| PM01 | 20256645 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347472 | NOCO INIT |
| PM01 | 20256648 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347475 | NOCO INIT |
| PM01 | 20256651 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347478 | NOCO INIT |
| PM01 | 20256654 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347481 | NOCO INIT |
| PM01 | 20256657 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347484 | NOCO INIT |
| PM01 | 20256660 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347487 | NOCO INIT |
| PM01 | 20256663 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347490 | NOCO INIT |
| PM01 | 20256666 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347493 | NOCO INIT |
| PM01 | 20256669 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347496 | NOCO INIT |
| PM01 | 20256674 | PTT GAS METERING PLAN M (1M) | 2112-CG-10ZM10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347501 | NOCO INIT |
| PM01 | 20256679 | PM 4M PUMP AND BLOWER | 2112-CG-10GAF10AP001 | RAW WATER PUMP1 | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 8/1/2022 | 10347506 | NOCO INIT |
| PM01 | 20257714 | GAS COMPRESSOR YEARLY INSPECTION | 2112-CG-10EKH11AN001 | FG COMP 1 | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 8/27/2022 | 10348570 | NOCO INIT |
| PM01 | 20258554 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349418 | NOCO INIT |
| PM01 | 20258559 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349423 | NOCO INIT |
| PM01 | 20258565 | 1Y PM 6.6kV, 11kV, 22kV SWITCHGEAR | 2112-CG-10BBC | 22KV SWITCHGEAR BUS-A | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349429 | NOCO INIT |
| PM01 | 20258573 | 1Y PM 230V, 400V AC/DC DISTRIBUTION BOAR | 2112-CG-10BFA | 400V SWITCHGEAR BUS-A | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349437 | NOCO INIT |
| PM01 | 20258578 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349442 | NOCO INIT |
| PM01 | 20258582 | 3M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349446 | NOCO INIT |
| PM01 | 20258587 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349451 | NOCO INIT |
| PM01 | 20258590 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349454 | NOCO INIT |
| PM01 | 20258595 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349459 | NOCO INIT |
| PM01 | 20258599 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349463 | NOCO INIT |
| PM01 | 20258603 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349467 | NOCO INIT |
| PM01 | 20258607 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349471 | NOCO INIT |
| PM01 | 20258610 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349474 | NOCO INIT |
| PM01 | 20258614 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349478 | NOCO INIT |
| PM01 | 20258618 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349482 | NOCO INIT |
| PM01 | 20258622 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349486 | NOCO INIT |

| Work Order Type | Work Order | Work Order Description | Functional Location | Functional Location Description | Main WC | Priority | Work Order Status | Created Date | Notification | Notification Status |
|-----------------|------------|--|--------------------------|--|---------|---------------------|-------------------|--------------|--------------|---------------------|
| PM01 | 20258626 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349490 | NOCO INIT |
| PM01 | 20258629 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349493 | NOCO INIT |
| PM01 | 20258633 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349497 | NOCO INIT |
| PM01 | 20258636 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349500 | NOCO INIT |
| PM01 | 20258639 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349503 | NOCO INIT |
| PM01 | 20258641 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349505 | NOCO INIT |
| PM01 | 20258643 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349507 | NOCO INIT |
| PM01 | 20258649 | PTT GAS METERING PLAN M (1M) | 2112-CG-10ZMI10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349513 | NOCO INIT |
| PM01 | 20258651 | PM 6M STEAM TRAP HRSG&STG STEAM | 2112-CG-10LBA35AA901 | HP MAIN STEAM TRAP DRAIN VALVE1 | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349515 | NOCO INIT |
| PM01 | 20258655 | PM 3M LUBE OIL SAMPLING | 2112-CG-10MAV02BB001 | ST LUBE OIL TANK | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 9/1/2022 | 10349519 | NOCO INIT |
| PM01 | 20259640 | GT22 24K BSI and Package Inspection | 2112-CG-12MBA | GAS TURBINE SYSTEM | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 9/30/2022 | 10350581 | NOCO INIT |
| PM01 | 20260353 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351301 | NOCO INIT |
| PM01 | 20260358 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351306 | NOCO INIT |
| PM01 | 20260363 | 3M PM BATTERY | 2112-CG-10BTA01 | 220VDC BATTERY | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351311 | NOCO INIT |
| PM01 | 20260368 | 3M PM CHARGER/RECTIFIER/INVERTER | 2112-CG-10BTL01 | 220VDC BATTERY CHARGER 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351316 | NOCO INIT |
| PM01 | 20260373 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351321 | NOCO INIT |
| PM01 | 20260378 | 1M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351326 | NOCO INIT |
| PM01 | 20260383 | 1Y PM HVAC & A/C SYSTEM | 2112-CG-10SAC03AH001 | AIR COND1 115KV CTRL BLDG PANEL | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351331 | NOCO INIT |
| PM01 | 20260389 | 3M PM MV MCW, BFWP, (CHILLER) MOTOR | 2112-CG-10LAC11AP001-M01 | MOTOR HP/LP BOILER FEED PUMP 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351337 | NOCO INIT |
| PM01 | 20260392 | 3M PM GT-11, GT-12 MOTOR | 2112-CG-11MBA-MOT-2100-M | SPRINT WATER ELECTRIC MOTOR | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351340 | NOCO INIT |
| PM01 | 20260395 | 3M PM HRSG11, HRSG12 MOTOR | 2112-CG-11GTA10AP001-M01 | MOTOR HRSG-2 BLOWDOWN WATER PUMP-1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351343 | NOCO INIT |
| PM01 | 20260400 | 3M PM LV & WTP MOTOR | 2112-CG-10EKH11AN003-M01 | MOTOR PACKAGE FAN GAS COMPRESSOR1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351348 | NOCO INIT |
| PM01 | 20260403 | 3M PM ST MOTOR | 2112-CG-10MAV02AN001 | LOIL TANK VPR EXTR | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351351 | NOCO INIT |
| PM01 | 20260406 | 3M PM CTW(ACC) MOTOR | 2112-CG-10PCC11AP001 | AUXILIARY COOLING WATER PUMP1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351354 | NOCO INIT |
| PM01 | 20260408 | 3M PM AIR COMPRESSOR MOTOR | 2112-CG-10QEA10AN001 | AIR COMPRESSOR 1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351356 | NOCO INIT |
| PM01 | 20260413 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351361 | NOCO INIT |
| PM01 | 20260415 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351363 | NOCO INIT |
| PM01 | 20260420 | YEARLY FOR BOILER TEST INSPECTION | 2112-CG-10ZMI10BL001 | BOILER TEST INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351368 | NOCO INIT |
| PM01 | 20260423 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351371 | NOCO INIT |
| PM01 | 20260427 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351375 | NOCO INIT |
| PM01 | 20260433 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351381 | NOCO INIT |
| PM01 | 20260439 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351387 | NOCO INIT |
| PM01 | 20260443 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351391 | NOCO INIT |
| PM01 | 20260447 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351395 | NOCO INIT |
| PM01 | 20260452 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351400 | NOCO INIT |
| PM01 | 20260457 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351405 | NOCO INIT |
| PM01 | 20260460 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351408 | NOCO INIT |
| PM01 | 20260463 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351411 | NOCO INIT |
| PM01 | 20260468 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351416 | NOCO INIT |
| PM01 | 20260472 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351420 | NOCO INIT |
| PM01 | 20260477 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351425 | NOCO INIT |
| PM01 | 20260482 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351430 | NOCO INIT |
| PM01 | 20260487 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351435 | NOCO INIT |
| PM01 | 20260491 | DCS Work Station (3M) | 2112-CG-10CWA01 | DCS OPS1 HMI COMPUTER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351439 | NOCO INIT |
| PM01 | 20260499 | DCS Work Station (3M) | 2112-CG-10CWA07 | CEMS COMPUTER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351447 | NOCO INIT |
| PM01 | 20260504 | PTT GAS METERING PLAN Y (1Y) | 2112-CG-10ZMI10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351452 | NOCO INIT |
| PM01 | 20260509 | INSTRUMENT OF CEMs INSPECTION | 2112-CG-10ZMI10CM001 | INSTRUMENT OF CEMs INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351457 | NOCO INIT |
| PM01 | 20260515 | PM 4000h AIR COMPRESSOR | 2112-CG-10QEA10AN001 | AIR COMPRESSOR 1 | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351463 | NOCO INIT |
| PM01 | 20260523 | PM GT LM6000PF+ INSPECTION | 2112-CG-11MBA | GAS TURBINE SYSTEM | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 10/1/2022 | 10351471 | NOCO INIT |
| PM01 | 20260944 | GT21 22.6K BSI HPT Follow up | 2112-CG-11MBA | GAS TURBINE SYSTEM | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 10/2/2022 | 10351917 | NOCO INIT |
| PM01 | 20262248 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353492 | NOCO INIT |
| PM01 | 20262251 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353495 | NOCO INIT |
| PM01 | 20262256 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353500 | NOCO INIT |
| PM01 | 20262262 | 1M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353506 | NOCO INIT |
| PM01 | 20262270 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353514 | NOCO INIT |
| PM01 | 20262272 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353516 | NOCO INIT |
| PM01 | 20262276 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353520 | NOCO INIT |
| PM01 | 20262280 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353524 | NOCO INIT |
| PM01 | 20262284 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353528 | NOCO INIT |
| PM01 | 20262288 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353532 | NOCO INIT |
| PM01 | 20262291 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353535 | NOCO INIT |
| PM01 | 20262296 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353540 | NOCO INIT |
| PM01 | 20262301 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353545 | NOCO INIT |
| PM01 | 20262308 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353552 | NOCO INIT |
| PM01 | 20262312 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353556 | NOCO INIT |
| PM01 | 20262316 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353560 | NOCO INIT |
| PM01 | 20262320 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353564 | NOCO INIT |
| PM01 | 20262322 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353566 | NOCO INIT |
| PM01 | 20262326 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353570 | NOCO INIT |
| PM01 | 20262330 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353574 | NOCO INIT |
| PM01 | 20262334 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353578 | NOCO INIT |
| PM01 | 20262340 | PTT GAS METERING PLAN M (1M) | 2112-CG-10ZMI10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 11/1/2022 | 10353584 | NOCO INIT |
| PM01 | 20264052 | 1M PM TRANS LINE 22kV & 115kV | 2112-CG-10UAD01 | 22kV CUSTOMER FEEDER NO.1 | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355381 | NOCO INIT |
| PM01 | 20264055 | 1M PM TRANSFORMER OIL TYPE | 2112-CG-10BAT01 | 115/11KV STEP UP TR (STG) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355384 | NOCO INIT |
| PM01 | 20264058 | PM 1M - Harmonic filter substation | 2112-CG-10BBD03KT001 | 22 KV Harmonic Filter System (M.N.T.) | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355387 | NOCO INIT |
| PM01 | 20264060 | 3M PM EMERGENCY & EXIT LIGHTING | 2112-CG-10CYE90GY001 | EMER LIGHT & EXIT SIGN - CONTROL BLD | ME1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355389 | NOCO INIT |
| PM01 | 20264063 | GTG 11 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-11SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355392 | NOCO INIT |
| PM01 | 20264066 | GTG 12 FIRE & GAS SYSTEM INSPECTION (1M) | 2112-CG-12SGJ-AE-3004 | TURBINE ENCLOSURE COMBUSTIBLE GAS DETECT | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355395 | NOCO INIT |
| PM01 | 20264068 | GTG11 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-11MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355397 | NOCO INIT |

| Work Order Type | Work Order | Work Order Description | Functional Location | Functional Location Description | Main WC | Priority | Work Order Status | Created Date | Notification | Notification Status |
|-----------------|------------|---|-----------------------|--|---------|---------------------|-------------------|--------------|--------------|---------------------|
| PM01 | 20264070 | GTG12 GAS CHROMATOGRAPH INSPECTION (1M) | 2112-CG-12MBP-AE-2014 | ANALYZER GAS CHROMATOGRAPH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355399 | NOCO INIT |
| PM01 | 20264072 | PH ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ001 | WASTE WATER DISCHARGE PH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355401 | NOCO INIT |
| PM01 | 20264075 | PH ANALYZER INSPECTION (1M) | 2112-CG-10QUA27CQ001 | COMMON CONDENSATE AFTER GLAND STEAM Ph | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355404 | NOCO INIT |
| PM01 | 20264077 | PH ANALYZER INSPECTION (1M) | 2112-CG-11QUA35CQ001 | HP DRUM HRSG 11 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355406 | NOCO INIT |
| PM01 | 20264081 | PH ANALYZER INSPECTION (1M) | 2112-CG-12QUA35CQ001 | HP DRUM HRSG 12 pH | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355410 | NOCO INIT |
| PM01 | 20264084 | DO ANALYZER INSPECTION (1M) | 2112-CG-10QUA25CQ001 | DO BEFORE CHEMICAL DOSING | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355413 | NOCO INIT |
| PM01 | 20264088 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-11HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355417 | NOCO INIT |
| PM01 | 20264091 | CEMS ANALYZER INSPECTION (1M) | 2112-CG-12HNE10CQ001 | MAIN STACK NOX ANALYZER | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355420 | NOCO INIT |
| PM01 | 20264093 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA24CQ001 | COMMON BEFORE CHEMICAL DOSING COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355422 | NOCO INIT |
| PM01 | 20264095 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA26CQ002 | COMMON CONDENSATE AFT GLAND STEAM COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355424 | NOCO INIT |
| PM01 | 20264097 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10QUA34CQ001 | COMMON DA TANK COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355426 | NOCO INIT |
| PM01 | 20264099 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-10GMB30CQ002 | WASTE WATER DISCHARGE CONDUCTIVITY | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355428 | NOCO INIT |
| PM01 | 20264102 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-11QUA34CQ001 | HP DRUM HRSG 11 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355431 | NOCO INIT |
| PM01 | 20264106 | CONDUCTIVITY ANALYZER INSPECTION (1M) | 2112-CG-12QUA84CQ001 | HP SUPERHEAT HRSG 12 COND | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355435 | NOCO INIT |
| PM01 | 20264112 | PTT GAS METERING PLAN M (1M) | 2112-CG-10ZMI10GM001 | PTT GAS METERING INSPECTION | MI1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355441 | NOCO INIT |
| PM01 | 20264118 | PMYEARLY PUMP AND BLOWER | 2112-CG-10GAF10AP001 | RAW WATER PUMP1 | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355447 | NOCO INIT |
| PM01 | 20264122 | PM 6M LUBE OIL SAMPLING | 2112-CG-10MAV02BB001 | ST LUBE OIL TANK | MM1 | 3-Routine (30 Days) | TECO CNF INIT | 12/1/2022 | 10355451 | NOCO INIT |
| PM01 | 20234383 | HRSG MAINTENANCE INSPECTION (1Y) FOR PR | 2112-CG-11HAD | EVAPORATOR SYSTEM | MM1 | 4-Plan Outage | TECO CNF INIT | 8/20/2021 | 10319435 | NOCO INIT |
| PM01 | 20245972 | GT22 Engine & Package C&I BSI 20K | 2112-CG-12MBA | GAS TURBINE SYSTEM | MI1 | 4-Plan Outage | TECO CNF INIT | 2/25/2022 | 10333843 | NOCO INIT |
| PM01 | 20251525 | GT21 Engine & Package C&I BSI 20K | 2112-CG-11MBA | GAS TURBINE SYSTEM | MI1 | 4-Plan Outage | TECO CNF INIT | 5/13/2022 | 10341464 | NOCO INIT |
| PM01 | 20255638 | Release test CO2 of F&G GT21 | 2112-CG-11SGJ | CO2 FIRE EXTINGUISHING GT11 SYSTEM | MI1 | 4-Plan Outage | TECO CNF INIT | 7/19/2022 | 10346125 | NOCO INIT |
| PM01 | 20260929 | GT22 Engine & Package C&I BSI 24K | 2112-CG-12MBA | GAS TURBINE SYSTEM | MI1 | 4-Plan Outage | TECO CNF INIT | 10/1/2022 | 10351884 | NOCO INIT |
| PM01 | 20261620 | GT22 VSV Bushing Replacement | 2112-CG-12MBA | GAS TURBINE SYSTEM | MM1 | 4-Plan Outage | TECO CNF INIT | 10/27/2022 | 10352854 | NOCO INIT |
| PM01 | 20262852 | Install surge protection for instrument | 2112-CG-10CJA10 | DCS Marshalling FCS0101 HRSG11,GTG11 | MI1 | 4-Plan Outage | TECO CNF INIT | 11/4/2022 | 10354127 | NOCO INIT |
| PM01 | 20265271 | GT21 24K BSI and Package Inspection | 2112-CG-11MBA | GAS TURBINE SYSTEM | MM1 | 4-Plan Outage | TECO CNF INIT | 12/29/2022 | 10356665 | NOCO INIT |

ภาคผนวก ข-5

ขั้นตอนการรับเรื่องร้องเรียน และสรุปรายการรับเรื่องร้องเรียน
ระหว่างเดือนกรกฎาคม-ธันวาคม พ.ศ. 2565



รูปที่ 1.13-1 ขั้นตอนการรับเรื่องร้องเรียน โครงการโรงไฟฟ้าหนองระเวียง 2

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ภาคผนวก ข-6

เอกสารขออนุญาตดำเนินการวางท่อส่งน้ำดิบ และดันท่อลอด
และเอกสารขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้
ในแนวเขตการวางท่อส่งน้ำฯ และดันท่อลอด

ที่ คค ๐๗๐๓.๒๐/๐๒ | ๒๗๙ |



กรมทางหลวงชนบท
เลขที่ ๙ ถนนพหลโยธิน แขวงอนุสาวรีย์
เขตบางเขน กรุงเทพฯ ๑๐๒๒๐

หนังสืออนุญาต

๒๒ กุมภาพันธ์ ๒๕๕๙

ด้วย บริษัท กัลป์ เอ็นอาร์วี ๑ จำกัด โดย นางสาวอนรรฆมนต์ มาศปิยวงศ์ ผู้รับมอบอำนาจ
ขออนุญาตแขวงทางหลวงชนบทนครราชสีมา วางท่อน้ำทิ้งและคันท่อลอดในเขตทางหลวงชนบท
สาย นม.๓๐๒๔ แยกทางหลวงหมายเลข ๒๒๖-บ้านโนนม่วง อำเภอเฉลิมพระเกียรติ อำเภอโชคชัย
จังหวัดนครราชสีมา ช่วง กม.ที่ ๑๒+๕๐๐ ถึง กม.ที่ ๑๕+๓๐๐ รายละเอียดปรากฏตามหนังสือคำขออนุญาต
ลงวันที่ ๒๓ กุมภาพันธ์ ๒๕๕๙

ตามคำสั่งกรมทางหลวงชนบท ที่ ๘๗๑/๒๕๕๓ ลงวันที่ ๒๐ กรกฎาคม พ.ศ.๒๕๕๓
เรื่องมอบหมายและแต่งตั้งให้ข้าราชการปฏิบัติราชการตามพระราชบัญญัติทางหลวง พ.ศ.๒๕๓๕ ข้อ ๒ อธิบดี
กรมทางหลวงชนบทในฐานะผู้อำนวยการทางหลวงชนบท มอบหมายให้ ผู้อำนวยการแขวงทางหลวงชนบทจังหวัด
เป็นผู้ซึ่งได้รับมอบหมายจากผู้อำนวยการทางหลวงชนบทและเป็นเจ้าพนักงาน ให้มีอำนาจหน้าที่
ตามภาคผนวก ข ลำดับที่ ๕ ซึ่งผู้อำนวยการแขวงทางหลวงชนบทนครราชสีมา มีอำนาจหน้าที่ในเขต
จังหวัดนครราชสีมา ในการพิจารณาอนุญาตให้ผู้ใดมีความจำเป็นต้องปักเสา พาดสาย วางท่อน้ำ หรือกระทำการ
ใดๆ ในเขตทางหลวงชนบท ตามมาตรา ๔๘ ตามหลักเกณฑ์และเงื่อนไขที่กรมฯ กำหนด เฉพาะพื้นที่ที่อยู่นอก
เหนือความรับผิดชอบ ของ สทช.ที่ ๑-๑๘ จึงอนุญาตให้ บริษัท กัลป์ เอ็นอาร์วี ๑ จำกัด
โดย นางสาวอนรรฆมนต์ มาศปิยวงศ์ ดำเนินการวางท่อน้ำทิ้งและคันท่อลอดในเขตทางหลวงชนบท
สาย นม.๓๐๒๔ แยกทางหลวงหมายเลข ๒๒๖-บ้านโนนม่วง อำเภอเฉลิมพระเกียรติ อำเภอโชคชัย
จังหวัดนครราชสีมา ช่วง กม.ที่ ๑๒+๕๐๐ ถึง กม.ที่ ๑๕+๓๐๐ ได้ตามคำขออนุญาตและรูปแบบ
ประกอบการขออนุญาตครั้งนี้ โดยผู้ขออนุญาตต้องปฏิบัติตามเงื่อนไขการขออนุญาตทุกประการ

(นายสนธิ์ รัตนคงค์)

ผู้อำนวยการแขวงทางหลวงชนบทนครราชสีมา
ปฏิบัติราชการแทน อธิบดีกรมทางหลวงชนบท

เงื่อนไขประกอบการขออนุญาต

๑. ก่อนที่ผู้ใดได้รับอนุญาตจำลองเมื่อทำการก่อสร้าง ต้องแจ้งเป็นหนังสือให้เจ้าหน้าที่กรมทางหลวงชนบท
เป็นการล่วงหน้าไม่น้อยกว่า ๗ วัน
๒. ผู้ได้รับอนุญาตจะต้องยินยอมให้เจ้าหน้าที่กรมทางหลวงชนบท เข้าตรวจสอบการทำงานได้
ตลอดเวลา เพื่อเป็นการป้องกันความเสียหายที่จะเกิดขึ้นต่อทางหลวงชนบท
๓. ผู้ได้รับอนุญาตจะต้องตั้งป้ายจราจร ตลอดจนเครื่องหมายควบคุมการจราจรอื่น ๆ ในระหว่างการ
ก่อสร้าง ตามมาตรฐานทางหลวงและแนวทางการปฏิบัติของคณะกรรมการป้องกันอุบัติเหตุแห่งชาติ
หากจำเป็นต้องทำการก่อสร้างในเวลากลางคืน หรือส่วนของการก่อสร้าง หรือวัสดุอุปกรณ์ของการก่อสร้าง
อาจเป็นอันตรายต่อผู้ใช้ทางในเวลากลางคืน ผู้ได้รับอนุญาตจะต้องจัดให้มีไฟฟ้าแสงสว่างอย่างเพียงพอ และ
ป้ายจราจรที่ติดตั้งต้องเป็นชนิดสะท้อนแสง (Reflective) ด้วย
๔. ให้เจ้าหน้าที่กรมทางหลวงชนบท มีอำนาจสั่งให้หยุดการทำการก่อสร้างในกรณีที่การก่อสร้างนั้น
จะทำความเสียหายให้แก่ทางหลวง หรืออันตรายต่อผู้ใช้เส้นทาง
๕. ผู้ได้รับอนุญาตจะต้องรับผิดชอบ และชดเชยค่าเสียหายอันเกิดจากการก่อสร้าง หรือสิ่งปลูกสร้าง
ดังกล่าวที่มีต่อทางหลวง หรือผู้ใช้ทาง
๖. ในระหว่างการใช้สถานที่ที่ได้รับอนุญาต ผู้ขออนุญาตจะต้องควบคุมการใช้สถานที่ให้มีความเป็น
ระเบียบเรียบร้อย และมีการรักษาความสะอาดสถานที่ และเมื่อครบกำหนดการขออนุญาต จะต้อง
ดำเนินการทำความสะอาดเก็บขยะทั้งหมด อันเกิดจากกิจกรรมที่ใช้สถานที่ให้เรียบร้อย และแจ้งให้กรมทางหลวง
ชนบทตรวจสอบจนเป็นที่พอใจ พร้อมทั้งจัดทำ As built Plan แบบตามที่ได้ก่อสร้างจริง ๒ ชุด มอบให้
เจ้าหน้าที่กรมทางหลวงชนบทที่รับผิดชอบทางหลวงนั้นด้วย
๗. ในกรณีที่การขออนุญาตต้องทำการขุดหรือฉีกราวทางเท้า หรือส่วนอื่นใดในโครงสร้างถนนผู้ได้รับ
อนุญาตจะต้องซ่อมแซมให้อยู่ในสภาพเดิม ตามมาตรฐานและวิธีการที่กรมทางหลวงชนบทกำหนด และต้อง
รับผิดชอบความชำรุดเสียหาย ภายในเวลา ๒ ปี
๘. เมื่อกรมทางหลวงชนบทต้องสร้าง หรือขยายทางหลวง หรือซ่อมแซมบำรุงทางหลวงถ้าต้องรื้อ
ถอนเคลื่อนย้ายสิ่งที่ได้รับอนุญาตเป็นการของของผู้ได้รับอนุญาตต้องดำเนินการภายในกำหนดที่ได้รับแจ้ง และ
หากเกิดความเสียหายต่อทรัพย์สินของผู้ได้รับอนุญาต ผู้ได้รับอนุญาตจะไม่เรียกร้องค่าเสียหายใดๆ จาก
กรมทางหลวงชนบท



ที่ กค ๐๓๑๑.๒๐/๑๗/๒๖

ศาลากลางจังหวัดนครราชสีมา
ถนนมหาดไทย นม ๓๐๐๐๐

๕ กรกฎาคม ๒๕๖๐

เรื่อง อนุญาตให้วางท่อน้ำทิ้งและคันท่อดูดในที่ราชพัสดุ

เรียน ประธานกรรมการบริษัท กัลฟ์ เอ็นเนอร์จี จำกัด

อ้างถึง คำร้องขออนุญาตวางท่อน้ำทิ้งและคันท่อดูด ลงวันที่ ๑๖ มกราคม ๒๕๖๐

สิ่งที่ส่งมาด้วย ๑. แผนที่บริเวณที่อนุญาตให้ใช้ประโยชน์ จำนวน ๑ ชุด

๒. สำเนาบันทึกคำยินยอมปฏิบัติตามเงื่อนไขการวางท่อน้ำทิ้งและคันท่อดูด
(จป.๒/๓๗) จำนวน ๑ ชุด

ตามคำร้องที่อ้างถึง ได้แจ้งความประสงค์ขออนุญาตวางท่อน้ำทิ้งและคันท่อดูดในบริเวณฝั่งขวาคลองส่งน้ำสายใหญ่ LMC ช่วงกิโลเมตรที่ ๖๙+๒๐๐ ถึงกิโลเมตรที่ ๗๑+๙๖๐ และบริเวณฝั่งซ้ายของคลองส่งน้ำสายย่อย ๔R-LMC อย่างเก็บน้ำลำพระเพลิง ช่วงกิโลเมตรที่ ๐+๐๐๐ ถึงกิโลเมตรที่ ๒+๑๕๒ ความยาวประมาณ ๙,๙๕๒ เมตร ขนาดเส้นผ่านศูนย์กลาง ๗ นิ้ว จำนวน ๑ แถว เพื่อระบายน้ำทิ้งในกระบวนการผลิตกระแสไฟฟ้าโดยใช้ก๊าซธรรมชาติเป็นเชื้อเพลิง ในเขตอุตสาหกรรมสุรนารี ตำบลหนองระเวียง อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา ซึ่งกรมชลประทานโดยสำนักงานชลประทานที่ ๘ ให้ความยินยอมใช้ประโยชน์ร่วมกันในที่ราชพัสดุดังกล่าว ความละเอียดแจ้งแล้ว นั้น

จังหวัดนครราชสีมาได้พิจารณาแล้ว อนุญาตให้บริษัท กัลฟ์ เอ็นเนอร์จี จำกัด ดำเนินการวางท่อน้ำทิ้งและคันท่อดูดในที่ราชพัสดุดังกล่าวตามแบบแปลนที่จัดส่งไปได้ และจะต้องปฏิบัติตามเงื่อนไขการดำเนินการวางท่อน้ำทิ้งและคันท่อดูดในที่ราชพัสดุตามแบบ จป.๒/๓๗ ที่กรมธนารักษ์กำหนด โดยจะต้องปฏิบัติตามต่อไปนี้

๑. ชำระค่าตอบแทนการใช้ประโยชน์ที่ดินที่ราชพัสดุ เป็นเงิน ๑๖๔,๙๗๐.- บาท (หนึ่งแสนหกหมื่นห้าพันเก้าร้อยเจ็ดสิบบาทถ้วน)
๒. ชำระค่าธรรมเนียมการรังวัด เป็นเงิน ๒๐๐.-บาท (สองร้อยบาทถ้วน)
๓. ต้องปฏิบัติตามเงื่อนไขที่กรมธนารักษ์กำหนดตามบันทึกคำยินยอมปฏิบัติตามเงื่อนไขเรื่องการวางท่อน้ำทิ้งและคันท่อดูดในที่ราชพัสดุ (จป.๒/๓๗)
๔. ประสานกับสำนักงานชลประทานที่ ๘ เพื่อกำหนดเงื่อนไขการอนุญาตตามพระราชบัญญัติการชลประทานหลวง พ.ศ.๒๕๔๕

จึงเรียนมาเพื่อทราบ หากยินยอมปฏิบัติตามเงื่อนไข ขอให้ไปลงนามในบันทึกคำยินยอมฯ ไว้เป็นหลักฐาน พร้อมทั้งนำเงินดังกล่าวข้างต้น ไปชำระ ณ สำนักงานธนารักษ์พื้นที่นครราชสีมา ในวันและเวลาราชการ ภายใน ๑๕ วัน นับตั้งแต่วันที่ได้รับหนังสือฉบับนี้

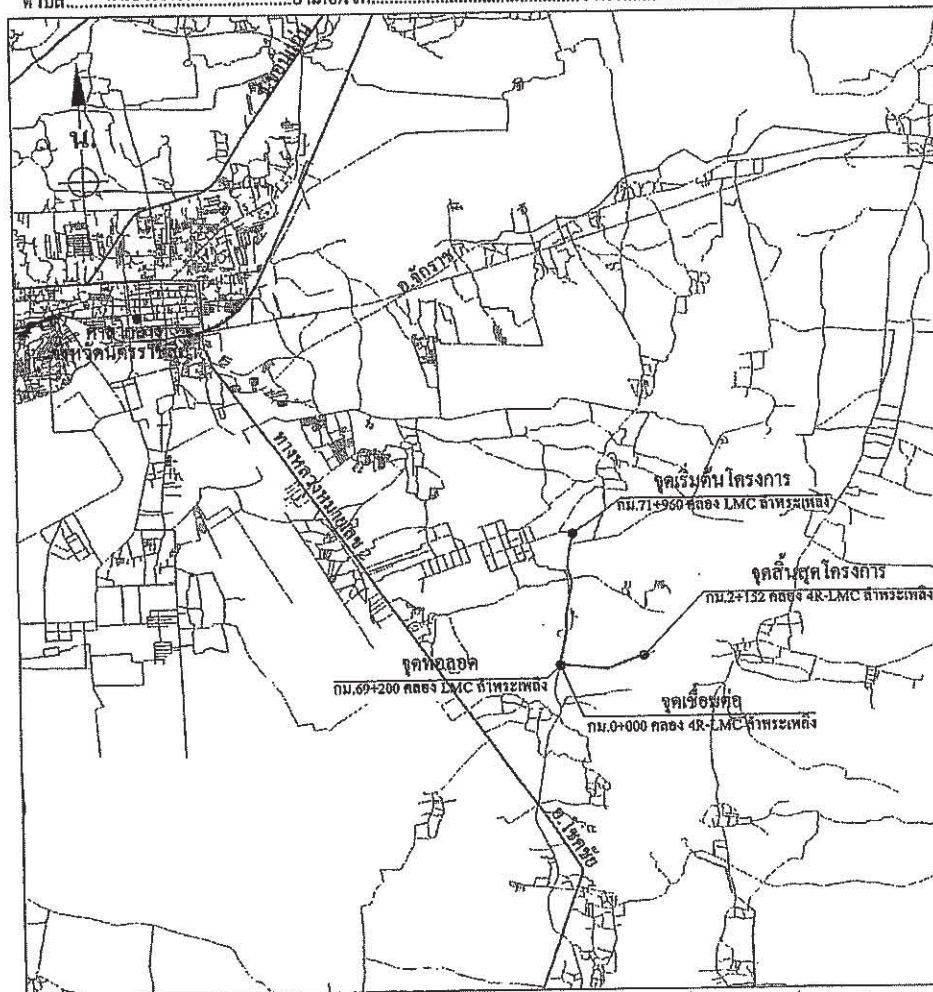
ขอแสดงความนับถือ

(นายธนพล จันทรมณี)

รองผู้ว่าราชการจังหวัด ปฏิบัติราชการแทน
ผู้ว่าราชการจังหวัดนครราชสีมา

สำนักงานธนารักษ์พื้นที่
โทร. ๐ ๔๒๐๔ ๓๖๓๒
โทรสาร ๐ ๔๒๐๓ ๐๑๕๐

การขอใช้ประโยชน์ในที่ราชพัสดุในฝั่งขวาของคลองส่งน้ำสายใหญ่ LMC และฝั่งซ้ายของคลองส่งน้ำสายย่อย 4R-LMC
ราย... อำเภอเมืองนครราชสีมา... ที่ราชพัสดุหมายเลขทะเบียนที่... ส.น.ม.-
หนังสือสำคัญสำหรับที่หลวง... เลขที่... เดิม... หน้า...
เลขที่ดิน... หน้าสำรวจ... 5438 III 9850, 9848, 0048 หมู่ที่... ถนน/ตรอก/ซอย...
ตำบล... หนองระเวียง อำเภอ/เขต เมืองนครราชสีมา จังหวัด... นครราชสีมา



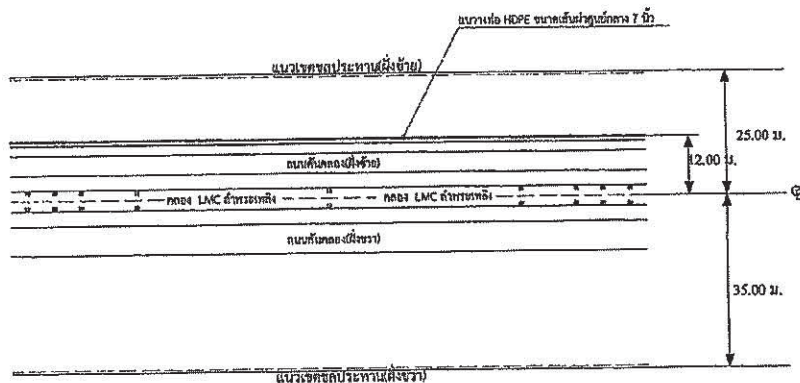
● แสดงจุดเริ่มต้นโครงการและจุดสิ้นสุดโครงการ — แสดงแนววางท่อน้ำส่งสายใหญ่ LMC ช่วงกิโลเมตรที่ 69+200 ถึง 71+960 และคลองส่งน้ำสายย่อย 4R-LCM ช่วงกิโลเมตรที่ 0+000 ถึง 2+152 อย่างเก็บน้ำลำพระเพลิง

ชื่อ... ผู้เขียน
(นายกฤษฎา เมษา)
ตำแหน่ง นายช่างสำรวจ
วันที่ ๒๕ มีนาคม ๒๕๖๐

ชื่อ... ผู้ตรวจ
(นายปวีร์ พันธิยะ)
ตำแหน่ง นายช่างสำรวจอาวุโส
วันที่ ๒๕ มีนาคม ๒๕๖๐

แผนที่ (สร.9)
 การขอใช้ประโยชน์ในที่ดินราชพัสดุในสิ่งของของกองก่งน้ำ
 สายใหญ่ LMC และตั้งข้างของคลองสูบน้ำสายย่อย 4R-LMC
 แสดงเขตเช่าที่ราชพัสดุทะเบียนเลขที่..... ส.นบ.-..... ราย, ย่างกับน้ำลำพระเพลิงที่สวนน้ำทั้งและคันที่ตลอด
 หนังสือสำคัญสำหรับที่ดิน..... เลขที่..... เล่ม..... หน้า..... เลขที่ดิน.....
 หน้าสำรวจ..... ระหว่าง 5438 III 9850 9848 0048 หมู่ที่..... ถนน/ตรอก/ซอย.....
 ตำบล/แขวง..... หนองระเวียง อำเภอ/เขต..... เมืองนครราชสีมา จังหวัด..... นครราชสีมา
 รั้ววัดวันที่..... มาตรการส่วน ๑ : ๑๐๐๐

.....ผู้ทำการรังวัด
 (นายกฤษณา เมฆา)



หมายเหตุ

..... แสดงแนวเขตชลประทาน
 แสดงแนววางท่อน้ำทิ้งและคันที่ตลอดชนิด HDPE
 ขนาดเส้นผ่าศูนย์กลาง 7 นิ้ว จำนวน 1 แถว
 ความยาวท่อน้ำทิ้งทั้งหมดประมาณ 4,912 เมตร
 เนื้อที่ 0-2-21.04 ไร่ (884.16 ตารางเมตร)

ลงชื่อ.....ผู้จำลอง
 (นายกฤษณา เมฆา)
 ตำแหน่ง.....
 วันที่ 13 มีนาคม 2560
 ลงชื่อ.....ผู้ตรวจ
 (นายปริวรรต พันธุมี)
 ตำแหน่ง.....
 วันที่ 13 มีนาคม 2560

(จป.๒/๓๗)

บันทึกคำยินยอมปฏิบัติตามเงื่อนไข
 เรื่อง การวางท่อน้ำทิ้งและคันที่ตลอดในที่ดินราชพัสดุ
 ตำบลหนองระเวียง อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา
 แนบท้ายหนังสือสำนักงานธนารักษ์พื้นที่นครราชสีมา
 ที่ กค ๐๓๑๑.๒๐/๑๗๗๘๖ ลงวันที่ ๔ กรกฎาคม ๒๕๖๐

บันทึกระหว่าง นายสำราญ เมืองนิล ธนารักษ์พื้นที่นครราชสีมา กับบริษัท กัลป์ เอ็นอาร์วี ๑ จำกัด โดยนางสาวอนรรฆนงค์ มาศปิยวงศ์ ผู้รับมอบอำนาจช่วงตามหนังสือมอบอำนาจลงวันที่ ๑ มกราคม ๒๕๖๐ เพื่อเป็นหลักฐานแสดงว่า ได้รับทราบเงื่อนไขและยินยอมปฏิบัติตามเงื่อนไขที่ทางราชการกำหนด ดังนี้

ข้อ ๑ จะต้องวางท่อน้ำทิ้งและคันที่ตลอดตามแบบแปลนที่แนบท้ายบันทึกนี้ โดยจะต้องนำแบบแปลนไปยื่นขออนุญาตต่อเจ้าพนักงานท้องถิ่นก่อน เมื่อได้รับอนุญาตแล้วจึงจะลงมือก่อสร้างได้

ข้อ ๒ จะต้องชำระค่าตอบแทนการใช้ประโยชน์ในที่ดินราชพัสดุ เป็นเงิน ๑๖๕,๙๗๐.- บาท (หนึ่งแสนหกหมื่นห้าพันเก้าร้อยเจ็ดสิบบาทถ้วน) ซึ่งให้เรียกเก็บค่าตอบแทนครั้งเดียว กรณีการใช้ประโยชน์เชิงพาณิชย์ เท่ากับ ๑.๕ เท่าของค่าเช่าเพื่ออยู่อาศัย ๓๐ ปี เนื้อที่ ๐-๒-๒๑.๐๔ ไร่ (๘๘๔.๑๖ ตารางเมตร)

ข้อ ๓ ในกรณีที่ผู้ก่อสร้างได้ดำเนินการวางท่อน้ำทิ้งและคันที่ตลอดไปก่อนได้รับอนุญาตจากกรมธนารักษ์ ตั้งแต่วันที่ผู้ก่อสร้างจะต้องขอใช้ค่าเสียหายให้แก่ทางราชการเป็นเงินที่ต้องชำระ บาท (.....) ตามหลักเกณฑ์ดังนี้

ค่าเสียหาย = ค่าตอบแทนการใช้ประโยชน์ x อัตราดอกเบี้ย x ระยะเวลา

ค่าตอบแทนการใช้ประโยชน์ = ค่าตอบแทนตามบันทึกข้อ ๒

อัตราดอกเบี้ย = อัตราดอกเบี้ยของพันธบัตรรัฐบาล ซึ่งขณะนี้ใช้อัตราร้อยละ ๕ ต่อปี

ระยะเวลา = ระยะเวลาที่ผู้ก่อสร้างเข้าใช้ประโยชน์ในที่ดินราชพัสดุก่อนได้รับอนุญาต

จนถึงวันที่ทำบันทึกนี้ โดยให้คำนวณเป็นปีตามสัดส่วนของระยะเวลา เศษของเดือนให้นับเป็น ๑ เดือน

ข้อ ๔ จะต้องชำระค่าธรรมเนียมการรังวัด เป็นเงิน ๒๐๐.-บาท (สองร้อยบาทถ้วน)

ข้อ ๕ เมื่อทำการวางท่อน้ำทิ้งและคันที่ตลอดแล้วเสร็จ ผู้ก่อสร้างจะต้องจัดทำบันทึกยกกรรมสิทธิ์ทางเชื่อมตามบันทึกข้อ ๑ ให้เป็นกรรมสิทธิ์ของกระทรวงการคลังโดยให้อยู่ในความดูแลของกรมชลประทาน และให้ใช้เพื่อสาธารณประโยชน์ได้

ข้อ ๖ หากมีการเปลี่ยนแปลงวัตถุประสงค์การใช้ประโยชน์ในที่ดินของผู้ได้รับอนุญาตเป็นอย่างอื่น หรือหากต่อไปในภายหลังก่อให้เกิดการใช้ที่ดินราชพัสดุบริเวณดังกล่าวนี้ จะต้องขออนุญาตต่อทางราชการใหม่ โดยทางราชการขอสงวนสิทธิ์ที่จะเรียกเก็บเงินเพิ่มเติมในภายหลัง ตามหลักเกณฑ์ที่ทางราชการกำหนดด้วย

ข้อ ๗ ในกรณีที่ส่วนราชการผู้ครอบครองใช้ประโยชน์ในที่ดินราชพัสดุที่วางท่อน้ำทิ้งจำเป็นจะต้องกำหนดเงื่อนไขใดๆ เกี่ยวกับการใช้ทางเชื่อมเพื่อประโยชน์ในทางราชการ ผู้ก่อสร้างจะต้องปฏิบัติตามทุกประการ

/ข้าพเจ้า...

ข้าพเจ้ายินยอมปฏิบัติตามเงื่อนไขดังกล่าวข้างต้นทุกประการ จึงได้ลงลายมือชื่อไว้เป็น
หลักฐานต่อเจ้าหน้าที่

วันที่ ๑๗ เดือน กรกฎาคม พ.ศ. ๒๕๖๐

ลงชื่อ.....ผู้ให้คำยินยอม
(บริษัท กัลฟ์ เอ็นเนอร์จี จำกัด โดย นางสาวอนรรฆณ์ มาศปิยวงศ์)

ลงชื่อ.....ผู้รับคำยินยอม

(นายสำราญ เมืองนิล)

ธนารักษ์พื้นที่นครราชสีมา

ลงชื่อ.....พยาน

(นายณรงศักดิ์ มะลิบัวดอกแก้ว)

เจ้าหน้าที่จัดผลประโยชน์ชำนาญการพิเศษ

ลงชื่อ.....พยาน

(นางสาวธารารัตน์ ฉานสำโรง)

เจ้าหน้าที่จัดผลประโยชน์ปฏิบัติการ



ที่-นม-๘๕๐๑๗-๗๒๔

องค์การบริหารส่วนตำบลหนองระเวียง
อำเภอเมืองนครราชสีมา นม ๓๐๐๐๐

๑๗ กรกฎาคม ๒๕๖๐

เรื่อง การขออนุญาตวางท่อน้ำทิ้ง และดินท่อลอด ในเขตถนนสาธารณะประโยชน์

เรียน กรรมการผู้จัดการบริษัท กัลฟ์ เอ็นเนอร์จี จำกัด

อ้างถึง หนังสือที่ GNRV ๑๐ ๐๒๑๗/๐๑๖ ลงวันที่ ๒ กุมภาพันธ์ ๒๕๖๐

ตามหนังสือที่อ้างถึง บริษัท กัลฟ์ เอ็นเนอร์จี จำกัด มีโครงการจะก่อสร้างโรงไฟฟ้า
พลังงานความร้อนร่วม ในพื้นที่เขตอุตสาหกรรมสุรนารี ตำบลหนองระเวียง อำเภอเมืองนครราชสีมา
จังหวัดนครราชสีมา โดยมีแผนงานในการก่อสร้างท่อน้ำทิ้งและดินท่อลอดในเขตถนนสาธารณะประโยชน์
ซึ่งถนนดังกล่าวอยู่ในเขตความรับผิดชอบและดูแลขององค์การบริหารส่วนตำบลหนองระเวียง นั้น

องค์การบริหารส่วนตำบลหนองระเวียงได้พิจารณาแล้ว มีความเห็นในเบื้องต้นว่าบริเวณ
พื้นที่ดังกล่าวสามารถดำเนินการได้ แต่ต้องปฏิบัติตามขั้นตอนของระเบียบ และกฎหมายที่
เกี่ยวข้อง

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ

(นายอนุชา ศิริโกคานนท์)

นายกองค์การบริหารส่วนตำบลหนองระเวียง

กองช่าง

โทร. ๐-๔๔๔๖-๐๒๓๓-๒ ต่อ ๓

โทรสาร. ๐-๔๔๔๖-๐๒๓๓

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หนังสืออนุญาตให้ฝังท่อ/วางท่อ น้ำทิ้งและท่อลอด... และ/หรือใช้น้ำในเขตที่ดินของกรมชลประทาน

ที่ ๑ / ๒๕๖๑.....

โครงการ...ส่งน้ำและบำรุงรักษาลำพระเพลิง.
วันที่...๓๐...เดือน...สิงหาคม... พ.ศ. ๒๕๖๑.....

อาศัยอำนาจตามความในมาตรา ๒๓ มาตรา ๒๕ แห่งพระราชบัญญัติการชลประทานหลวง พุทธศักราช ๒๔๘๕ ซึ่งแก้ไขเพิ่มเติมโดยพระราชบัญญัติการชลประทานหลวง (ฉบับที่ ๓) พ.ศ. ๒๕๐๗ และมาตรา ๒๖ แห่งพระราชบัญญัติการชลประทานหลวง พุทธศักราช ๒๔๘๕ ซึ่งแก้ไขเพิ่มเติมโดยพระราชบัญญัติการชลประทานหลวง (ฉบับที่ ๒) พ.ศ. ๒๕๔๗

นาย.....ภุชงค์ วิไลกิจ... ตำแหน่ง...ผู้อำนวยการโครงการส่งน้ำและบำรุงรักษาลำพระเพลิง...เป็นเจ้าพนักงานและหรือเป็นเจ้าพนักงานผู้ได้รับมอบหมาย ได้ออกหนังสืออนุญาตฉบับนี้ให้แก่...บริษัท...จำกัด...โดย...นางสาวอนรรฆมา...มวณิวงค์... ตำแหน่ง...ผู้รับมอบอำนาจ... อายุ...๓๕... ปี สัญชาติ...ไทย... เป็นผู้แทน ตามหนังสือหรือตามหนังสือมอบอำนาจที่... ลงวันที่...๒๓... เดือน...กุมภาพันธ์... พ.ศ. ๒๕๕๕... สำนักงานตั้งอยู่เลขที่...๔๗...อาคารเอ็มไทยทาวเวอร์...ออกที่ชั้นแฟลต...๓... ถนน...วิญญู... ตำบล/แขวง...คูมณี... อำเภอ/เขต...ปทุมวัน... จังหวัด...กรุงเทพมหานคร... เพื่อเป็นหลักฐานแสดงว่าได้ อนุญาตให้ฝังท่อ/วางท่อ ขนาด...เส้นผ่านศูนย์กลาง...๗... นิ้ว... ในเขต...คลองส่งน้ำสายใหญ่...ฝั่งซ้าย... (L.M.C) ลำพระเพลิง...และ...คลองชล...๔๖...L.M.C...ลำพระเพลิง... ณ...กิโลเมตรที่...๖๕+๒๐๐...ถึง...๗๑+๕๐๐... ฝั่งซ้าย ของคลองส่งน้ำสายใหญ่... (L.M.C) ลำพระเพลิง...และ...กม.ที่...๐+๐๐๐...ถึง...๒+๑๕๒... ฝั่งซ้าย ของคลองส่งน้ำสายชล... (๔๖...L.M.C) ลำพระเพลิง...รวมเป็นความยาว...๔.๕๑๒... กิโลเมตร... ตำบล/แขวง...หนองเรียน... อำเภอ/เขต...เมืองนครราชสีมา... จังหวัด...นครราชสีมา... และอนุญาตให้ใช้น้ำจากทางน้ำชลประทาน...คลองส่งน้ำ สายใหญ่...ฝั่งซ้าย... (L.M.C) ลำพระเพลิง...และ...คลองชล...๔๖...L.M.C...ลำพระเพลิง... ไปใช้เพื่อการ...ผลิตกระแสไฟฟ้าโดยใช้...กังหัน... โดยไม่เก็บค่าเช่า... โดยมีเงื่อนไขดังต่อไปนี้

ข้อ ๑ อนุญาตให้ใช้พื้นที่บริเวณ...คลองส่งน้ำสายใหญ่...ฝั่งซ้าย... (L.M.C) ลำพระเพลิง...และ...คลองชล...๔๖...L.M.C...ลำพระเพลิง... ในเขตโครงการ...ส่งน้ำและบำรุงรักษาลำพระเพลิง... ดังนี้

๑.๑...ฝังท่อ/วางท่อ...ขนาด...เส้นผ่านศูนย์กลาง...๗... นิ้ว...

๑.๒... ..

๑.๓... ..

๑.๔... ..

ในการฝังท่อ/วางท่อ...น้ำทิ้งและต้นท่อลอด...ใช้น้ำและก่อสร้าง...ให้ดำเนินการตามแบบแปลน...แผนผังของ...บริษัท...จำกัด...หมายเลข...๒๕๕๓๗...จำนวน...๑๕... แผ่น และ...แผนที่รูปตัดของโครงการ...ส่งน้ำและบำรุงรักษาลำพระเพลิง... หมายเลข...๑๗/๑๕๕๕... จำนวน...๑๒...แผ่น รวมจำนวน...๓๑...แผ่น ซึ่งแนบท้ายหนังสืออนุญาตฉบับนี้เพื่อเป็นหลักฐานของ หนังสืออนุญาตฉบับนี้ด้วย

โดยมี...นายประสิทธิ์...ประวั...เป็นวิศวกรผู้ออกแบบและคำนวณ ใบอนุญาต ประกอบวิชาชีพ วิศวกรรมควบคุม ประเภท...สามัญวิศวกรรม...สาขา...โยธา...ตามใบอนุญาต ทะเบียน...๕๕๕๕...วันหมดอายุ...๕...ก.พ. ๒๕๖๒...

และมี...นายสมชาย...ภุชงค์วิวัฒน์...เป็นวิศวกรผู้ควบคุมงานใบอนุญาตประกอบวิชาชีพวิศวกรรม ประเภท...สามัญวิศวกรรม...สาขา...วิศวกรรมโยธา... ตามใบอนุญาตทะเบียน...๕๕๕๕...วันหมดอายุ...๕...ก.พ. ๒๕๖๒... และขณะนี้ไม่ได้ถูกเพิกถอนใบอนุญาตให้ประกอบวิชาชีพ

ข้อ ๒ การพิจารณาฐานรากของตอม่อของท่อ...น้ำทิ้ง...และต้นท่อลอด... เฉพาะช่วงกลางคลอง ให้ถือระดับการขุดลอกตามแบบโดยเจ้าหน้าที่ชลประทานจะเป็นผู้กำหนดให้ ทั้งนี้เพื่อให้...เกิดความเสียหาย เมื่อกรมชลประทานจะทำการขุดลอกทางน้ำชลประทานในโอกาสต่อไป

ข้อ ๓ แนวเสาคอม่อของท่อทุกต้นที่ตอกลงในทางน้ำชลประทาน จะต้องขนานกับแนวกระแส น้ำ กับให้ศูนย์กลางของสะพานรับท่อช่วงกลางอยู่ในแนวเดียวกับศูนย์กลางทางน้ำชลประทานด้วย

ข้อ ๔ ก่อนดำเนินการฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด...ผู้รับอนุญาตจะต้องแจ้งให้...ผู้อำนวยการโครงการ...ส่งน้ำและบำรุงรักษาลำพระเพลิง...ทราบล่วงหน้าไม่น้อยกว่า ๗ วัน เพื่อจะได้ส่งเจ้าหน้าที่ชลประทานไปกำหนดแนว ระดับ และระยะต่าง ๆ ให้ แล้วจึงจะดำเนินการได้

ข้อ ๕ ในการดำเนินการฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด...ผู้รับอนุญาตจะต้องจัดทำนายช่าง เป็นผู้ควบคุม ท่อ...น้ำทิ้ง...และต้นท่อลอด... ที่อนุญาตให้ฝัง/วางนี้ ผู้รับอนุญาตจะต้องจัดทำนายช่าง เป็นผู้ควบคุม ดำเนินการเอง กรมชลประทานไม่รับรองความมั่นคงแข็งแรง หากท่อ...น้ำทิ้ง...และต้นท่อลอด...เกิดการชำรุดและทำให้ผู้อื่นได้รับความเสียหาย ผู้รับอนุญาตจะต้องเป็นผู้รับผิดชอบ

ข้อ ๕ ในระหว่างดำเนินการฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด... หรือดำเนินการ ทำนั้งร้านเพื่อทำการฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด... ก็ดี ผู้รับอนุญาตจะต้องอำนวยความสะดวก แก่ประชาชน ให้สัญจรไปมาได้ ตามปกติ หากท่อ...น้ำทิ้ง...และต้นท่อลอด... หรือนั้งร้านเกิดการชำรุด และทำให้ผู้อื่นหรือยานพาหนะที่สัญจรไปมาหรือทรัพย์สินอื่นใด ได้รับอันตรายหรือเกิดความเสียหายแล้วแต่กรณี ผู้รับอนุญาตจะต้องรับผิดชอบ

ข้อ ๖ ผู้รับอนุญาตจะต้องบำรุงรักษาที่ดินบริเวณที่ฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด... มิให้ชำรุดทรุดโทรม และจะไม่ทิ้งสิ่งโสโครกและขยะมูลฝอยลงไปในทางน้ำชลประทาน ขานคลอง เขตคันคลอง หรือขุดทำลายที่ดินขานคลองให้เสียหายผิดไปจากสภาพเดิม ถ้าจะทำการรื้อถอน หรือต่อเติมส่วนหนึ่งส่วนใด ของท่อ...น้ำทิ้ง...และต้นท่อลอด... นอกเหนือไปจากแบบจะต้องได้รับอนุญาตจากกรมชลประทาน เป็นลายลักษณ์อักษร เสียก่อนทุกครั้งไว้ ถ้าได้ทำไปก่อนโดยไม่ได้รับอนุญาต กรมชลประทานมีอำนาจบังคับ ให้รื้อถอนและหรือให้ค่าเสียหายแก่กรมชลประทานได้

ข้อ ๗ เมื่อฝังท่อ/วางท่อ...น้ำทิ้ง...และต้นท่อลอด... เสร็จแล้ว ผู้รับอนุญาตจะต้อง รื้อถอนนั้งร้านและเก็บวัสดุต่างๆ ที่ไม่ใช่ชิ้นจากทางน้ำชลประทาน และนำออกไปให้พ้นเขตทางน้ำชลประทาน ขานคลอง เขตคันคลองทันที

ข้อ ๘ ผู้รับอนุญาตจะต้องจัดให้มีวิศวกร ผู้ออกแบบและคำนวณ และควบคุมการก่อสร้าง ตามพระราชบัญญัติ วิศวกร พ.ศ. ๒๕๔๖ และกฎกระทรวงกำหนดสาขาวิชาชีพวิศวกรรมและวิชาชีพวิศวกรรมควบคุม พ.ศ. ๒๕๕๐ นายช่าง ชลประทานมีสิทธิจะเข้าตรวจสอบการก่อสร้าง และถ้าเห็นว่ามีการก่อสร้างผิดพลาด อันเนื่องจากไม่เป็นไปตามเงื่อนไข แบบแปลนหรือเพื่อความเหมาะสม นายช่างชลประทานมีสิทธิสั่งให้แก้ไข รื้อย้าย เพื่อให้เป็นการถูกต้อง ซึ่งผู้รับอนุญาต จะต้องปฏิบัติตามทันที และในการเปลี่ยนแปลงแก้ไขให้ผู้รับอนุญาต จะเรียกหรือค่าเสียหายใดๆ จากกรมชลประทานไม่ได้

ข้อ ๙ ผู้รับอนุญาตจะต้องทำคันดินล้อมรอบบริเวณที่ดินของผู้รับอนุญาตให้มีความมั่นคง แข็งแรง เพื่อป้องกัน น้ำรั่วไหลไปทำความเดือดร้อนแก่ผู้อื่นซึ่งอยู่ใกล้เคียงและเสียน้ำไปโดยเปล่าประโยชน์ ในกรณีทางน้ำชลประทานมีการส่งน้ำในระบอบรอบเวร หรือมีการก่อสร้าง ปรับปรุง ซ่อมแซม ตัวคลองไม่อาจส่งน้ำได้ตลอดระยะเวลา เพื่อป้องกันความเสียหายในการใช้จากทางน้ำชลประทาน ผู้รับอนุญาต จะต้องมีการสำรองน้ำไว้หากกรณีเกิดวิกฤติขาดแคลนน้ำจากทาง น้ำชลประทาน กรมชลประทานสงวนสิทธิ ที่จะจัดสรรปริมาณน้ำได้ตามความจำเป็น

ข้อ ๑๐ ในระหว่างดำเนินการขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด..... ผู้รับอนุญาต จะต้องยินยอมให้นายช่างชลประทานตรวจสอบการขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด.....ได้ ถ้านายช่างชลประทานเห็นว่า การขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด.....ไม่ถูกต้อง หรือเห็นสมควร ให้แก้ไขเปลี่ยนแปลง เพื่อความเหมาะสมนายช่างชลประทานมีอำนาจสั่งแก้ไขเปลี่ยนแปลงได้ และผู้รับอนุญาตจะต้อง ปฏิบัติตามที่ โดยจะเรียกค่าเสียหายใดๆ จากกรมชลประทานไม่ได้ ถ้าผู้รับอนุญาตไม่ปฏิบัติตาม นายช่างชลประทานมีอำนาจสั่งให้รื้อถอนท่อออกไปให้พ้นเขตคลองส่งน้ำสายใหญ่ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง..... และทำที่ดินให้คงสภาพเดิม ตลอดจนมีสิทธิเรียกร้องให้ชดใช้ค่าเสียหายได้

ข้อ ๑๑ เมื่อผู้รับอนุญาตขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด..... ถูกต้อง ตามเงื่อนไขในหนังสืออนุญาตนี้ และตามที่นายช่างชลประทานสั่งกระทำแล้ว ผู้รับอนุญาตต้องปรับปรุงดินหลังท่อ ให้เรียบร้อย คงสภาพเดิม และจะต้องซ่อมแซมบำรุงรักษาที่ดินบริเวณที่ขุดท่อให้มีอัตราทดถมจะไม่ขุดทำลาย

ที่ดิน.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง..... ให้เสียหายผิดแผกไปจากสภาพเดิม ถ้าจะทำการแก้ไข เปลี่ยนแปลงหรือต่อเติมส่วนหนึ่งส่วนใดของท่อ ให้ออกเหนือไปจากเงื่อนไขที่กำหนดในหนังสืออนุญาต จะต้อง ได้รับอนุญาตเป็นลายลักษณ์อักษรจากกรมชลประทานก่อนทุกครั้ง หากได้ทำไปก่อนโดยมิได้รับอนุญาต กรมชลประทานมีอำนาจบังคับให้รื้อถอน และหรือให้ชดใช้ค่าเสียหายแก่กรมชลประทานได้

ข้อ ๑๒ ในการดำเนินการขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด.....ผู้รับอนุญาต จะต้องระมัดระวังมิให้น้ำในทางน้ำชลประทาน.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง.....สกปรก

ข้อ ๑๓ ผู้รับอนุญาตจะต้องยินยอมให้เจ้าหน้าที่กรมชลประทานเข้าตรวจสอบการขุดน้ำและ การใช้ตามหนังสืออนุญาตนี้ได้ และผู้รับอนุญาตยินยอมปฏิบัติตามคำสั่งหรือคำแนะนำของเจ้าหน้าที่ชลประทาน ทุกประการ

ข้อ ๑๔ อนุญาตให้น้ำนำไปใช้เพื่อ..... ปริมาณไม่เกิน เท่านั้น ห้ามนำไปใช้เพื่อกิจการอื่นเป็นอันขาด

ข้อ ๑๕ เมื่อเกิดการขาดแคลนน้ำ และกรมชลประทานมีความจำเป็นต้องสงวนน้ำในทางน้ำ ชลประทานคลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง.....ไว้สำหรับประชาชนหรือเมื่อทางราชการต้องการน้ำจาก ทางน้ำชลประทานไปใช้ไม่ว่ากรณีใดๆ กรมชลประทานจะได้แจ้งให้ผู้รับอนุญาตทราบเป็นลายลักษณ์อักษร และผู้รับอนุญาตจะต้องหยุดใช้น้ำทันที เมื่อความจำเป็นได้ผ่านพ้นไปแล้ว กรมชลประทานจะได้แจ้งให้ผู้รับ อนุญาตใช้น้ำในทางน้ำชลประทานได้ต่อไป

ข้อ ๑๖ ผู้รับอนุญาตจะต้องติดตั้งมิเตอร์ (มาตรวัดน้ำ) และจดจำนวนน้ำที่นำไปใช้ส่งให้โครงการ.....ส่งน้ำและบำรุงรักษาลำพระเพลิง..... เป็นประจำทุกเดือน และเมื่อทางน้ำชลประทานได้ออกกฎกระทรวงกำหนด ให้เป็นทางน้ำชลประทานที่จะเรียกเก็บค่าชลประทานตามมาตรา ๘ แล้ว ผู้รับอนุญาตจะต้องชำระค่าชลประทาน ให้แก่กรมชลประทานตามอัตราค่าชลประทานที่กฎหมายกำหนดไว้นับแต่วันประกาศในราชกิจจานุเบกษา

ข้อ ๑๗ เพื่อประโยชน์แก่ทางราชการ ถ้ากรมชลประทานมีความจำเป็นให้รื้อถอนท่อ/สิ่งก่อสร้าง ตามที่ได้อนุญาตไว้ กรมชลประทานจะได้แจ้งให้ผู้รับอนุญาตทราบเป็นลายลักษณ์อักษร และผู้รับอนุญาตจะต้อง รื้อถอนท่อ/สิ่งก่อสร้างออกไปให้พ้นเขต.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง ภายใน ๓๐ วัน นับตั้ง วันที่ได้รับแจ้งเป็นลายลักษณ์อักษร และจะต้องปรับปรุงบริเวณดังกล่าวให้คงสภาพเดิม ถ้าผู้รับอนุญาตเพิกเฉย ไม่ดำเนินการ กรมชลประทานจะดำเนินการเอง โดยผู้รับอนุญาตจะต้องชดใช้ค่าใช้จ่ายในการนี้ให้แก่กรมชลประทานทั้งสิ้น

ข้อ ๑๘ ถ้าผู้รับอนุญาตไม่ปฏิบัติให้เป็นไปตามเงื่อนไขของหนังสืออนุญาตฉบับนี้ข้อหนึ่งข้อใด ก็ตาม กรมชลประทานมีอำนาจที่จะเพิกถอนการอนุญาตได้ทันที โดยผู้รับอนุญาตจะเรียกร้องค่าเสียหายใดๆ จากกรมชลประทานไม่ได้

ข้อ ๑๙ หนังสืออนุญาตฉบับนี้มีกำหนด.....๕.....ปี นับตั้งแต่วันถัดจากวันที่ อนุญาตได้ลงนามในหนังสืออนุญาตเป็นต้นไป

ก่อนครบกำหนดเวลาการอนุญาต หากผู้รับอนุญาตยังมีความประสงค์จะขอขุด/วางท่อ.....น้ำทิ้ง และดินที่ขุด.....ตลอด ในเขต.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง.....และใช้น้ำจากทางน้ำชลประทาน ต่อไปอีก ก็ให้ทำหนังสือขอต่ออายุหนังสืออนุญาตไปยังกรมชลประทานก่อนครบกำหนดเวลาการอนุญาตไม่น้อยกว่า ๓๐ วัน แต่กรมชลประทานสงวนสิทธิที่จะอนุญาตหรือไม่ก็ได้ โดยจะคำนึงถึงงานชลประทานเป็นประการสำคัญ

เมื่อผู้รับอนุญาตหมดความจำเป็นจะใช้ท่อ/สิ่งก่อสร้าง ที่ได้รับอนุญาตนี้หรือสิ้นสุดระยะเวลา การอนุญาต หรือการอนุญาตถูกเพิกถอน ผู้รับอนุญาตจะต้องรื้อถอนท่อ/สิ่งก่อสร้างออกไปให้พ้นเขต.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง.....และทำที่ดินให้เรียบร้อย หากผู้รับอนุญาตเพิกเฉยไม่ดำเนินการ กรมชลประทานจะดำเนินการเอง โดยผู้รับอนุญาตจะต้องชดใช้ค่าใช้จ่ายในการนี้ให้แก่กรมชลประทานทั้งสิ้น

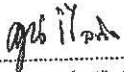
ข้อ ๒๐ กรณีที่ดินเขตคลองหรือที่ดินที่ขออนุญาต.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง.....เป็นที่ราชพัสดุ ผู้รับอนุญาตได้รับความเห็นชอบหรืออนุญาตจากกรมธนารักษ์/ผู้ว่าราชการจังหวัด.....นครราชสีมา.....แล้วตามหนังสือที่.....กค.๑๓๓๑.๒๐/๑๗๗๕๖.....ลงวันที่.....๕.....เดือน.....กรกฎาคม.....พ.ศ.....๒๕๖๑.....

ก่อนลงนามในหนังสืออนุญาตผู้รับอนุญาตได้ชำระค่าทดแทนการใช้ประโยชน์ที่ดินที่ราชพัสดุ.....เป็นเงิน.....๑๖๕,๙๗๑.๐๐.....บาท (.....) ค่าธรรมเนียมการรังวัด.....เป็นเงิน.....๒๐๐.๐๐.....บาท (.....) ค่าธรรมเนียมการรังวัด.....

เป็นเงิน.....๒๐๐.๐๐.....บาท (.....) ให้กับกรมธนารักษ์ โดยสำนักงานธนารักษ์พื้นที่.....จังหวัดนครราชสีมา.....แล้ว ตามใบเสร็จรับเงินเลขที่.....ม.๑๓๖๒๕/๑๗๖๑.....เล่มที่.....ลงวันที่.....๑๗.....เดือน.....กรกฎาคม.....พ.ศ.....๒๕๖๑.....

กรณีที่ดินเขตคลองหรือที่ดินที่ขออนุญาต.....คลองส่งน้ำสายใหญ่ ฝั่งซ้าย (LMC).....ลำพระเพลิง และ คลองขอม.๔R.-LMC ลำพระเพลิง..... เป็นที่สาธารณประโยชน์ อำนาจการดูแลเป็นไปตามพระราชบัญญัติลักษณะปกครองท้องที่ พุทธศักราช ๒๔๕๗ ซึ่งผู้รับอนุญาตได้รับความเห็นชอบจาก.....นายธนพล จันทรมณี.....แล้ว ตามหนังสือที่.....กค.๑๓๓๑.๒๐/๑๗๗๕๖.....ลงวันที่.....๕.....เดือน.....กรกฎาคม.....พ.ศ.....๒๕๖๑.....หรือตามพระราชบัญญัติสภาตำบล และองค์การบริหารส่วนตำบล พ.ศ. ๒๕๓๗ ตามหนังสือขององค์การบริหารส่วนตำบล.....ที่.....ลงวันที่.....เดือน.....พ.ศ.....และตามพระราชบัญญัติการเดินเรือในน่านน้ำไทย พุทธศักราช ๒๔๕๖ กรมเจ้าท่า หรือองค์ปกครองส่วนท้องถิ่นอนุญาตให้ปลูกสร้างสิ่งล่วงล้ำลำน้ำ ตามใบอนุญาตเลขที่.....ลงวันที่.....เดือน.....พ.ศ.....

กรณีเป็นที่ดินของรัฐประเภทอื่นซึ่งอยู่ในความครอบครองดูแลใช้ประโยชน์ของกรมชลประทาน ต้องดำเนินการ
ให้ถูกต้องตามกฎหมายของส่วนราชการนั้น ตามหนังสือของ.....
ที่..... ลงวันที่..... เดือน..... พ.ศ.....

ลงชื่อ..... ..... เจ้าพนักงานสัญญา
(นายภฤพล...วิไลกิจ.)

ข้าพเจ้าได้อ่าน และเข้าใจข้อความ รายละเอียดของหนังสืออนุญาตฉบับนี้ดีแล้ว และขอรับรองว่า จะปฏิบัติตาม
เงื่อนไขของกรมชลประทานโดยเคร่งครัดทุกประการ

ลงชื่อ..... ..... ผู้รับอนุญาต
(นางสาวอนรรฆนงค์...มาศปิยะวงศ์.)

26 กันยายน 2560

เรื่อง ขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน

เรียน ผู้อำนวยการโครงการส่งน้ำและบำรุงรักษาลำพระเพลิง

สิ่งที่ส่งมาด้วย: 1.รายงานการสำรวจต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน
2.สำเนาหนังสืออนุญาตให้วางท่อน้ำทิ้งและต้นท่อน้ำทิ้งในที่ราชพัสดุ ที่ กค๐๓๑๑.๒๐/๑๗๗๘๖ ลงวันที่ ๔ กรกฎาคม ๒๕๖๐
3.สำเนาหนังสืออนุญาตให้วางท่อน้ำดิบและต้นท่อน้ำทิ้งในที่ราชพัสดุ ที่ กค๐๓๑๑.๒๐/๑๖๙๓๗ ลงวันที่ ๒๖ มิถุนายน ๒๕๖๐
4.สำเนาหนังสืออนุญาตให้ฝังท่อ/วางท่อน้ำทิ้งและท่อน้ำดิบและ/หรือใช้น้ำในเขตที่ดินของกรมชลประทาน ที่ ๑/๒๕๖๐ ลงวันที่ ๓๐ สิงหาคม ๒๕๖๐
5.สำเนาหนังสืออนุญาตให้ฝังท่อ/วางท่อน้ำดิบและท่อน้ำดิบและ/หรือใช้น้ำในเขตที่ดินของกรมชลประทาน ที่ ๒/๒๕๖๐ ลงวันที่ ๓๐ สิงหาคม ๒๕๖๐

ตามที่มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม ระยะก่อนก่อสร้างและระยะก่อสร้างของบริษัท กัลฟ์ เอ็นเนอร์จี จำกัด ผู้ดำเนินโครงการโรงไฟฟ้าหนองระเวียง 1 และบริษัท กัลฟ์ เอ็นเนอร์จี จำกัด ผู้ดำเนินโครงการโรงไฟฟ้าหนองระเวียง 2 ("โครงการฯ") ซึ่งตั้งอยู่ที่เขตอุตสาหกรรมสุรนารี อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา ระบุไว้ในกรณีที่แนวการวางท่อดังกล่าวมีต้นไม้ในพื้นที่ ทางโครงการฯ ต้องมีการปฏิบัติตามวิธีการที่กำหนดของหน่วยงานอนุญาตนั้น ในการจัดการกับต้นไม้ดังกล่าว ซึ่งทางโครงการฯ ได้ดำเนินการสำรวจต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน ก่อนเริ่มดำเนินการวางท่อซึ่งพบต้นไม้ที่ตั้งอยู่ในแนวเขตการวางท่อตามรายงานการสำรวจต้นไม้ จำนวน 29 ต้น รายละเอียดตามสิ่งที่ส่งมานั้น

ทางโครงการฯ จึงมีความประสงค์ขออนุญาตและขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน

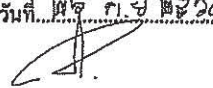
จึงเรียนมาเพื่อโปรดพิจารณาอนุญาตและให้ความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน

ขอแสดงความนับถือ


(นายกิตติพล จิตราญกิจ)

ผู้จัดการโครงการก่อสร้างโรงไฟฟ้าหนองระเวียง 1-2

ผู้ประสานงาน : นายชวลิต ยานิม โทร 098-6462263

ทั้งนี้ทางโครงการฯ
ฝ่ายส่งน้ำและบำรุงรักษาที่ 3
วันที่ ๒๕ ก.ย. ๒๕๖๐
วันที่ ๒๕ ก.ย. ๒๕๖๐

๒๖ ก.ย. ๒๕๖๐



ที่ กษ๐๓๑๖.๑๑/๓๐๖

โครงการส่งน้ำและบำรุงรักษาลำพระเพลิง
ตำบลตะขบ อำเภอปักธงชัย จังหวัดนครราชสีมา
๓๐๑๕๐

๓ พฤศจิกายน ๒๕๖๐

เรื่อง ขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน

เรียน ผู้จัดการโครงการก่อสร้างโรงไฟฟ้าหนองระเวียง ๑-๒

อ้างถึง หนังสือที่ GNRV ๑ O ๐๙๑๗/๐๘๒-๐๐๑ ลงวันที่ ๒๖ กันยายน ๒๕๖๐

ตามหนังสือที่อ้างถึง โครงการส่งน้ำและบำรุงรักษาลำพระเพลิง อำเภอปักธงชัย จังหวัดนครราชสีมา พิจารณาแล้ว อนุญาตให้รื้อย้ายต้นไม้ที่อยู่ในแนวการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อน้ำทิ้งในบริเวณพื้นที่เขตชลประทาน ออกได้ตามความจำเป็น โดยที่ไม่ทำให้คลองชลประทานและอาคารประกอบได้รับความเสียหาย

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



(นายกฤษณ์ วิไลกิจ)

ผู้อำนวยการโครงการส่งน้ำและบำรุงรักษาลำพระเพลิง

ฝ่ายจัดสรรน้ำและปรับปรุงระบบชลประทาน

โทร. ๐ ๔๔๗๕ ๖๓๗๔

โทรสาร ๐ ๔๔๒๕ ๙๗๘๐

18 ตุลาคม 2560

เรื่อง ขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์

เรียน นายกองค์การบริหารส่วนตำบลหนองระเวียง

สิ่งที่ส่งมาด้วย: 1.รายงานการสำรวจต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์
2.สำเนาหนังสืออนุญาตให้วางท่อน้ำทิ้งและต้นท่อลอดในเขตถนนสาธารณะประโยชน์ ที่ นม ๔๕๐๐๓/๗๔๙ ลงวันที่ ๑๔ กรกฎาคม ๒๕๖๐
3.สำเนาหนังสืออนุญาตให้วางท่อน้ำดิบและต้นท่อลอดในเขตถนนสาธารณะประโยชน์ ที่ นม ๔๕๐๐๓/๗๕๐ ลงวันที่ ๑๔ กรกฎาคม ๒๕๖๐
4.สำเนาหนังสืออนุญาตให้ก่อสร้างท่อน้ำทิ้งในเขตถนนสาธารณะประโยชน์ ที่ นม ๔๕๐๐๓/๑๑๐๙ ลงวันที่ ๑๐ ตุลาคม ๒๕๖๐
5.สำเนาหนังสืออนุญาตให้ก่อสร้างท่อน้ำดิบในเขตถนนสาธารณะประโยชน์ ที่ นม ๔๕๐๐๓/๑๑๑๐ ลงวันที่ ๑๐ ตุลาคม ๒๕๖๐

ตามที่มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม ระยะก่อนก่อสร้างและระยะก่อสร้างของบริษัท กัลฟ์ เอ็นอรรี 1 จำกัด ผู้ดำเนินโครงการโรงไฟฟ้าหนองระเวียง 1 และบริษัท กัลฟ์ เอ็นอรรี 2 จำกัด ผู้ดำเนินโครงการโรงไฟฟ้าหนองระเวียง 2 ("โครงการฯ") ซึ่งตั้งอยู่ที่เขตอุตสาหกรรมสุรนารี อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา ระบุไว้ในกรณีศึกษาแนวเขตการวางท่อน้ำทิ้งที่มีต้นไม้อยู่ในพื้นที่ ทางโครงการฯ ต้องมีการปฏิบัติตามวิธีการที่กำหนดของหน่วยงานอนุญาตนั้น ๆ ในการจัดการกับต้นไม้ดังกล่าว ซึ่งทางโครงการฯ ได้ดำเนินการสำรวจต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์ ก่อนเริ่มดำเนินการวางท่อซึ่งพบต้นไม้ที่ตั้งอยู่ในแนวเขตการวางท่อตามรายงานการสำรวจต้นไม้ จำนวน 33 ต้น รายละเอียดตามสิ่งที่ส่งมานั้น

ทางโครงการฯ จึงมีความประสงค์ขออนุญาตและขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์

จึงเรียนมาเพื่อโปรดพิจารณาอนุญาตและให้ความเห็นชอบในการกำหนดวิธีการ ทั้งนี้ทางโครงการฯ จะดำเนินการตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมอย่างเคร่งครัด

ขอแสดงความนับถือ

(นายกิตติพล จิตราบุญกิจ)

ผู้จัดการโครงการก่อสร้างโรงไฟฟ้าหนองระเวียง 1-2



ที่ นม ๔๕๐๐๓/๐๐๖๖

องค์การบริหารส่วนตำบลหนองระเวียง

อำเภอเมืองนครราชสีมา นม ๓๐๐๐๐

๘ มกราคม ๒๕๖๑

เรื่อง แจ้งอนุญาตดำเนินการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์

เรียน บริษัท กัลฟ์ เอ็นอรรี จำกัด

อ้างถึง หนังสือที่ GNRV๑ O ๐๙๑๗/๐๘๒-๐๐๒ ลงวันที่ ๑๘ ตุลาคม ๒๕๖๐

สิ่งที่ส่งมาด้วย สำเนาหนังสือบริษัท ไคชิน อาร์ท โลจิสติกส์ จำกัด ลงวันที่ ๒๑ ธันวาคม ๒๕๖๐

ตามหนังสือที่อ้างถึงบริษัท กัลฟ์ เอ็นอรรี ๑ จำกัด และบริษัท กัลฟ์ เอ็นอรรี ๒ จำกัด เรื่องขอความเห็นชอบในการกำหนดวิธีการจัดการกับต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์ จำนวน ๓๓ ต้น ตามที่แจ้งแล้วนั้น

องค์การบริหารส่วนตำบลหนองระเวียง ได้ดำเนินการตรวจสอบต้นไม้ในแนวเขตการวางท่อน้ำทิ้ง ท่อน้ำดิบและต้นท่อลอดในบริเวณพื้นที่เขตถนนสาธารณะประโยชน์ ต้นไม้อื่น ๆ ที่อยู่ในเขตทางสาธารณะ องค์การบริหารส่วนตำบลหนองระเวียงอนุญาตให้ดำเนินการขุดออกได้ส่วนต้นกล้วยไม้ จำนวน ๑๕ ต้น เป็นต้นไม้ของบริษัทไคชิน อาร์ท โลจิสติกส์ จำกัด องค์การบริหารส่วนตำบลหนองระเวียงได้ประสานงานกับบริษัทไคชิน อาร์ท โลจิสติกส์ จำกัด และบริษัทไคชิน อาร์ท โลจิสติกส์ จำกัด ได้แจ้งกลับตามหนังสือที่ส่งมาพร้อมนี้ จึงขอแจ้งให้บริษัท กัลฟ์ เอ็นอรรี ๑ จำกัด และบริษัท กัลฟ์ เอ็นอรรี ๒ จำกัด ทราบและดำเนินการในส่วนที่เกี่ยวข้องต่อไป

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ

(นายอนุชา ศรีโกสานนท์)

(นายอนุชา ศรีโกสานนท์)
นายกองค์การบริหารส่วนตำบลหนองระเวียง

กองช่าง

โทร. ๐-๔๔๔๖-๐๒๓๓-๒ ต่อ ๓

โทรสาร. ๐-๔๔๔๖-๐๒๓๓

www.pongravong.go.th

มีทศวิ

อภิสิทธิ์ พัทธ

18 ต.ค. ๖๐



Tel. 02-529-0027, 02-529-0633 Fax. 02-529-0738

21 ธันวาคม 2560

เรื่อง ตอบรับการจัดการกับต้นไม้ในบริเวณพื้นที่เขตอนุสรณ์สาธารณะประโยชน์

เรียน องค์การบริหารส่วนตำบลหนองระเวียง

อ้างอิง หนังสือที่ นม ๙๕๐๐๓/๑๒๘๗, GNRV๑ 0 ๐๕๑๓/๐๙๒-๐๐๒ ลงวันที่ ๒๗ พฤศจิกายน ๒๕๖๑
จำนวน 1 ชุด

ตามที่ องค์การบริหารส่วนตำบลหนองระเวียง ขอความร่วมมือให้จัดการกับต้นลีลาวดี
ที่อยู่ด้านหน้าบริษัทฯ จำนวน ๑๕ ต้น
ทางบริษัทฯ ได้ประชุมร่วม คือ

- 1.บริษัท กัลฟ์ เอ็นเนอร์จี โดยคุณกิดดิพล ขิตรานุกิจ
- 2.บริษัท กัลฟ์ เอ็นเนอร์จี โดยคุณประสิทธิ์ หงษ์นิล
- 3.นิติกร องค์การบริหารส่วนตำบลหนองระเวียง โดยคุณเด่นห์ ประทุมรัตน์

สรุปให้ดำเนินการขับเคลื่อนทีละวดี ตามที่องค์การบริหารส่วนตำบลหนองระเวียง ขอความร่วมมือ

โดยบริษัท กัลฟ์ เอ็นเนอร์จี ๑ และ บริษัท กัลฟ์ เอ็นเนอร์จี ๒ จะเป็นผู้ดำเนินการย้าย,ปลูกใหม่ให้

ดั้งเดิมและรับผิดชอบค่าใช้จ่ายในการดำเนินการทั้งหมด

นางก อช๓ จิงเรียนนาฟองปรคทธาน

เมื่อไปรด

☒ 151U☒ · พิจารณา

၇ ချီ

ໂຕຈຸນ ຫົກ ໂຈ້ນຈຸນ ຫົກ

ฉบับที่ กษจิตกษกับตมในใน

กำหนดเกณฑ์การประเมินผล

(ឯ.ជ.ក) កម្ពុជា ជាតិឯក

ผู้ประสานงาน นายอาทิตย์ ศิริพร ณ ราชสีมา

โทรศัพท์ 044-218043

โทรสาร 044-218097

นางสาววิมลวรรณ หักฉัตร
ผู้อำนวยการกองส่งเสริม

☐ ดำเนินการปกติ นอก.

☐ ครบแล้ว


☒ ครบแล้ว

☐ กองสาธารณสุข

☐ กองการศึกษา

☐ งานบริหารทั่วไป

☐ หน่วยธุรการตอบภายใน

ขอแสดงความนับถือ

 (นางสาวณัฏฐากรณ์ จุมจันทร์)
 ผู้จัดการบริษัท

(นางสุรัสวดี โท้วประสิทธิ์)
'ปัด' อบท.หนองระเวียง

1. 7500

ภาคผนวก ข-7

ผลการตรวจวัดคุณภาพอากาศจากปล่องระบายแบบต่อเนื่อง (CEMs)

Site Name: GULF_NRV1
Stack Name: HRSO_STACK1
Periodically: 01/07/2022 00:00-31/07/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|----------------|----------------------------|---------------------|---|---------------|------------------|--------------|--|--|
| | O2 | FLOW @ 1 ATM 25C | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust (%O2) | HRSG1_CO@%O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | | |
| 7/1/2022 0:00 | 14.79 | 295872.6 | 33.87 | 0.68 | 0.45 | 6.83 | | |
| 7/1/2022 1:00 | 14.79 | 295787.6 | 34.15 | 0.74 | 0.41 | 6.82 | | |
| 7/1/2022 2:00 | 14.8 | 293102.5 | 34.38 | 0.75 | 0.63 | 6.52 | | |
| 7/1/2022 3:00 | 14.79 | 294715 | 35.11 | 0.78 | 0.39 | 6.51 | | |
| 7/1/2022 4:00 | 14.81 | 295335.9 | 34.11 | 0.8 | 0.33 | 6.57 | | |
| 7/1/2022 5:00 | 14.83 | 292338.7 | 30.66 | 0.84 | 1.1 | 6.81 | | |
| 7/1/2022 6:00 | 14.84 | 291708.7 | 30.57 | 0.85 | 1.42 | 6.63 | | |
| 7/1/2022 7:00 | 14.85 | 286266.6 | 29.34 | 0.84 | 2.42 | 6.39 | | |
| 7/1/2022 8:00 | 14.8 | 305026 | 31.37 | 0.86 | 0.39 | 6.31 | | |
| 7/1/2022 9:00 | 14.73 | 328898.6 | 30.23 | 0.7 | 0.84 | 8.17 | | |
| 7/1/2022 10:00 | 14.59 | 338772.4 | 46.71 | 0.52 | 0.33 | 5.77 | | |
| 7/1/2022 11:00 | 14.56 | 340435.9 | 47.04 | 0.44 | 0.33 | 5.77 | | |
| 7/1/2022 12:00 | 14.54 | 339750.1 | 49.08 | 0.38 | 0.33 | 5.57 | | |
| 7/1/2022 13:00 | 14.52 | 340320.3 | 44.3 | 0.31 | 0.33 | 5.78 | | |
| 7/1/2022 14:00 | 14.46 | 347498.6 | 40.13 | 0.26 | 0.32 | 5.66 | | |
| 7/1/2022 15:00 | 14.49 | 341867.2 | 46 | 0.29 | 0.33 | 5.43 | | |
| 7/1/2022 16:00 | 14.54 | 335734.8 | 47.15 | 0.29 | 0.33 | 5.75 | | |
| 7/1/2022 17:00 | 14.54 | 337734.6 | 45.74 | 0.3 | 0.33 | 5.61 | | |
| 7/1/2022 18:00 | 14.58 | 335643.7 | 43.36 | 0.31 | 0.33 | 5.67 | | |
| 7/1/2022 19:00 | 14.81 | 338861 | 39.74 | 0.35 | 0.36 | 6.36 | | |
| 7/1/2022 20:00 | 14.57 | 343324.8 | 38.38 | 0.41 | 0.33 | 6.11 | | |
| 7/1/2022 21:00 | 14.65 | 340610.4 | 38.9 | 0.45 | 0.33 | 6.3 | | |
| 7/1/2022 22:00 | 14.68 | 340787.9 | 38.49 | 0.61 | 0.34 | 6.48 | | |
| 7/1/2022 23:00 | 14.79 | 330231.1 | 39.82 | 0.51 | 0.34 | 7.31 | | |
| 7/2/2022 0:00 | 14.83 | 296525.4 | 37.05 | 0.92 | 0.54 | 6.36 | | |
| 7/2/2022 1:00 | 14.83 | 298134.7 | 35.21 | 0.94 | 0.54 | 6.3 | | |
| 7/2/2022 2:00 | 14.85 | 296111.2 | 32.07 | 0.88 | 0.34 | 6.34 | | |
| 7/2/2022 3:00 | 14.85 | 291564.7 | 30.72 | 1.03 | 1.07 | 6.12 | | |
| 7/2/2022 4:00 | 14.84 | 289612.4 | 32.22 | 1.11 | 1.95 | 6.21 | | |
| 7/2/2022 5:00 | 14.9 | 282506.9 | 25.89 | 1.21 | 5.79 | 6.9 | | |
| 7/2/2022 6:00 | 14.95 | 275770.1 | 23.51 | 1.24 | 6.17 | 7.35 | | |
| 7/2/2022 7:00 | 14.93 | 277858.3 | 24.73 | 1.24 | 6.42 | 7.29 | | |
| 7/2/2022 8:00 | 14.88 | 284381.4 | 28 | 1.2 | 4.32 | 6.08 | | |
| 7/2/2022 9:00 | 14.84 | 308150.9 | 27.87 | 1.19 | 3.05 | 12.23 | | |
| 7/2/2022 10:00 | 14.67 | 325227.6 | 48.33 | 1.04 | 0.33 | 5.63 | | |
| 7/2/2022 11:00 | 14.66 | 321145.6 | 49.84 | 0.92 | 0.33 | 5.58 | | |
| 7/2/2022 12:00 | 14.64 | 324248 | 48.93 | 0.8 | 0.33 | 5.51 | | |
| 7/2/2022 13:00 | 14.64 | 320997.2 | 49.29 | 0.86 | 0.33 | 5.55 | | |
| 7/2/2022 14:00 | 14.62 | 320782.1 | 48.64 | 0.91 | 0.33 | 5.57 | | |
| 7/2/2022 15:00 | 14.61 | 320431.9 | 47.42 | 0.69 | 0.33 | 5.49 | | |
| 7/2/2022 16:00 | 14.64 | 316456.8 | 46.19 | 0.67 | 0.33 | 5.54 | | |
| 7/2/2022 17:00 | 14.69 | 319301.6 | 38.88 | 0.67 | 0.34 | 5.62 | | |
| 7/2/2022 18:00 | 14.7 | 318063.3 | 38.18 | 0.67 | 0.34 | 5.62 | | |
| 7/2/2022 19:00 | 14.71 | 317189.3 | 40.67 | 0.75 | 0.34 | 5.62 | | |
| 7/2/2022 20:00 | 14.72 | 315932.7 | 41.75 | 0.79 | 0.34 | 5.69 | | |
| 7/2/2022 21:00 | 14.75 | 314707.9 | 40.13 | 0.77 | 0.34 | 5.64 | | |
| 7/2/2022 22:00 | 14.79 | 311982 | 37.13 | 0.83 | 0.33 | 5.88 | | |
| 7/2/2022 23:00 | 14.48 | 317307.9 | 45.08 | 0.81 | 0.33 | 6.24 | | |
| 7/3/2022 0:00 | 14.36 | 391495.1 | 18.22 | 0.79 | 0.32 | 6.5 | | |
| 7/3/2022 1:00 | 14.35 | 391494.6 | 20.01 | 0.85 | 0.32 | 6.65 | | |
| 7/3/2022 2:00 | 14.36 | 391222.0 | 21.38 | 0.92 | 0.32 | 6.86 | | |
| 7/3/2022 3:00 | 14.35 | 391359.1 | 19.78 | 0.91 | 0.32 | 6.77 | | |
| 7/3/2022 4:00 | 14.38 | 390371.1 | 25.79 | 0.96 | 0.32 | 6.06 | | |
| 7/3/2022 5:00 | 14.4 | 389247.5 | 31.87 | 1.03 | 0.32 | 5.57 | | |
| 7/3/2022 6:00 | 14.42 | 388240.6 | 32.63 | 1.04 | 0.32 | 5.57 | | |
| 7/3/2022 7:00 | 14.41 | 388135.3 | 32.56 | 0.97 | 0.32 | 5.33 | | |
| 7/3/2022 8:00 | 14.38 | 387803.6 | 22.77 | 0.77 | 0.32 | 6.45 | | |
| 7/3/2022 9:00 | 14.39 | 383149 | 26.05 | 0.96 | 0.32 | 6.17 | | |
| 7/3/2022 10:00 | 14.38 | 377388.9 | 27.88 | 0.89 | 0.32 | 6.51 | | |
| 7/3/2022 11:00 | 14.36 | 374052.5 | 28.69 | 0.64 | 0.32 | 5.89 | | |
| 7/3/2022 12:00 | 14.35 | 373698.7 | 29.38 | 0.69 | 0.32 | 5.82 | | |
| 7/3/2022 13:00 | 14.35 | 373138 | 30.11 | 0.63 | 0.33 | 5.69 | | |
| 7/3/2022 14:00 | 14.33 | 374720.8 | 29.42 | 0.57 | 0.32 | 5.98 | | |
| 7/3/2022 15:00 | 14.34 | 374931.4 | 29.5 | 0.53 | 0.32 | 5.58 | | |
| 7/3/2022 16:00 | 14.35 | 373901.8 | 29.94 | 0.51 | 0.32 | 5.63 | | |
| 7/3/2022 17:00 | 14.36 | 374317 | 29.47 | 0.46 | 0.32 | 5.43 | | |
| 7/3/2022 18:00 | 14.46 | 338797.6 | 35.6 | 0.55 | 0.33 | 6.66 | | |
| 7/3/2022 19:00 | 14.7 | 313286.6 | 42.66 | 0.64 | 0.34 | 5.62 | | |
| 7/3/2022 20:00 | 14.7 | 315203 | 47.12 | 0.72 | 0.34 | 5.63 | | |
| 7/3/2022 21:00 | 14.71 | 315037.8 | 45.11 | 0.72 | 0.34 | 5.75 | | |
| 7/3/2022 22:00 | 14.58 | 353916.1 | 38.87 | 0.81 | 0.33 | 5.81 | | |
| 7/3/2022 23:00 | 14.43 | 385672.8 | 32.14 | 0.6 | 0.32 | 5.5 | | |
| 7/4/2022 0:00 | 14.42 | 385513.1 | 32.5 | 0.89 | 0.32 | 5.59 | | |
| 7/4/2022 1:00 | 14.41 | 385768.6 | 32.49 | 0.6 | 0.32 | 5.62 | | |
| 7/4/2022 2:00 | 14.41 | 385865.5 | 32.43 | 0.82 | 0.32 | 5.48 | | |

Site Name: GULF_NRV1
Stack Name: HRSO_STACK1
Periodically: 01/07/2022 00:00-31/07/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|----------------|----------------------------|--------------|---|---------------|------------------|--------------|--|--|
| | O2 | FLOW @ 1 ATM | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust (%O2) | HRSG1_CO@%O2 | | |
| | % | ZTC | | | | | | |
| 7/1/2022 6:00 | 14.87 | 303721.3 | 34.44 | 1.27 | 0.45 | 6.94 | | |
| 7/1/2022 7:00 | 14.88 | 308551.5 | 33.33 | 1.23 | 0.35 | 6.65 | | |
| 7/1/2022 8:00 | 14.86 | 316535.3 | 36.37 | 1.16 | 0.35 | 6.49 | | |
| 7/1/2022 9:00 | 14.76 | 333201.2 | 38.01 | 1.04 | 0.34 | 5.64 | | |
| 7/1/2022 10:00 | 14.71 | 343355.3 | 41.44 | 1.06 | 0.34 | 5.43 | | |
| 7/1/2022 11:00 | 14.68 | 343395.1 | 41.79 | 1.02 | 0.34 | 5.4 | | |
| 7/1/2022 12:00 | 14.64 | 341132.5 | 47.77 | 0.85 | 0.33 | 5.2 | | |
| 7/1/2022 13:00 | 14.62 | 339910.5 | 53.85 | 0.78 | 0.33 | 5.16 | | |
| 7/1/2022 14:00 | 14.56 | 345184.3 | 45.94 | 0.7 | 0.33 | 5.07 | | |
| 7/1/2022 15:00 | 14.6 | 339643.8 | 46.49 | 0.77 | 0.33 | 5.37 | | |
| 7/1/2022 16:00 | 14.64 | 336042.7 | 50.29 | 0.73 | 0.33 | 5.31 | | |
| 7/1/2022 17:00 | 14.66 | 338262.7 | 48.69 | 0.63 | 0.33 | 5.27 | | |
| 7/1/2022 18:00 | 14.71 | 336680.5 | 42.49 | 0.67 | 0.34 | 5.67 | | |
| 7/1/2022 19:00 | 14.73 | 336813 | 41.48 | 0.68 | 0.34 | 5.68 | | |
| 7/1/2022 20:00 | 14.72 | 339887.9 | 39.26 | 0.71 | 0.34 | 5.85 | | |
| 7/1/2022 21:00 | 14.8 | 334794.7 | 36.69 | 0.78 | 0.34 | 8.45 | | |
| 7/1/2022 22:00 | 14.76 | 340819.2 | 38.12 | 0.76 | 0.34 | 6.94 | | |
| 7/1/2022 23:00 | 14.88 | 309353 | 33.98 | 0.9 | 0.68 | 10.56 | | |
| 7/2/2022 0:00 | 14.87 | 301411.1 | 35.09 | 0.89 | 0.35 | 6.72 | | |
| 7/2/2022 1:00 | 14.86 | 301744.8 | 34.56 | 0.99 | 0.41 | 7.49 | | |
| 7/2/2022 2:00 | 14.86 | 30381.4 | 32.82 | 1.14 | 0.4 | 7.42 | | |
| 7/2/2022 3:00 | 14.87 | 297724.7 | 31.77 | 1.16 | 0.39 | 6.98 | | |
| 7/2/2022 4:00 | 14.87 | 297295.6 | 30.59 | 1.17 | 0.66 | 7.23 | | |
| 7/2/2022 5:00 | 14.88 | 295799 | 30.52 | 1.17 | 0.88 | 7.03 | | |
| 7/2/2022 6:00 | 14.9 | 292502.4 | 31.09 | 1.23 | 1.27 | 6.47 | | |
| 7/2/2022 7:00 | 14.88 | 297254 | 31.76 | 1.22 | 0.59 | 6.88 | | |
| 7/2/2022 8:00 | 14.83 | 310439.8 | 37.18 | 1.19 | 0.34 | 6.27 | | |
| 7/2/2022 9:00 | 14.73 | 332075.1 | 36.81 | 1.06 | 0.34 | 6.11 | | |
| 7/2/2022 10:00 | 14.66 | 340044.5 | 42.69 | 0.97 | 0.33 | 5.37 | | |
| 7/2/2022 11:00 | 14.62 | 339743.7 | 46.99 | 0.88 | 0.33 | 5.12 | | |
| 7/2/2022 12:00 | 14.63 | 338480.1 | 48.55 | 0.83 | 0.33 | 5.24 | | |
| 7/2/2022 13:00 | 14.67 | 342717.2 | 37.91 | 0.94 | 0.33 | 5.08 | | |
| 7/2/2022 14:00 | 14.69 | 345720.3 | 33.93 | 1.22 | 0.34 | 11.86 | | |
| 7/2/2022 15:00 | 14.67 | 347747.1 | 31.96 | 1.27 | 0.33 | 11.27 | | |
| 7/2/2022 16:00 | 14.62 | 344251.8 | 40.36 | 1.32 | 0.33 | 7.52 | | |
| 7/2/2022 17:00 | 14.62 | 335851.6 | 48.28 | 1.34 | 0.33 | 5.27 | | |
| 7/2/2022 18:00 | 14.62 | 330586.6 | 49.63 | 1.26 | 0.33 | 5.31 | | |
| 7/2/2022 19:00 | 14.65 | 327454.2 | 49.87 | 1.28 | 0.33 | 5.45 | | |
| 7/2/2022 20:00 | 14.67 | 322895.6 | 47.54 | 1.09 | 0.33 | 5.53 | | |
| 7/2/2022 21:00 | 14.69 | 330521.3 | 44.49 | 1.09 | 0.34 | 5.49 | | |
| 7/2/2022 22:00 | 14.73 | 318914.2 | 48.91 | 1.29 | 0.34 | 5.59 | | |
| 7/2/2022 23:00 | 14.88 | 305805.7 | 39.78 | 1.68 | 0.73 | 7.29 | | |
| 7/2/2022 0:00 | 14.87 | 303048.1 | 36.28 | 1.37 | 0.4 | 6.02 | | |
| 7/2/2022 1:00 | 14.86 | 297136.1 | 34.8 | 1.46 | 0.52 | 6.18 | | |
| 7/2/2022 2:00 | 14.84 | 297916.6 | 34.78 | 1.32 | 0.58 | 6.07 | | |
| 7/2/2022 3:00 | 14.88 | 290559.5 | 29.04 | 1.44 | 1.85 | 6.52 | | |
| 7/2/2022 4:00 | 14.87 | 294507.6 | 32.42 | 1.54 | 2.27 | 6.62 | | |
| 7/2/2022 5:00 | 14.88 | 286955.4 | 30.22 | 1.42 | 0.33 | 6.75 | | |
| 7/2/2022 6:00 | 14.9 | 285845.3 | 28.9 | 1.68 | 6.79 | 6.96 | | |
| 7/2/2022 7:00 | 14.88 | 287282.7 | 30.5 | 1.55 | 5.03 | 6.47 | | |
| 7/2/2022 8:00 | 14.84 | 297698.9 | 35.31 | 1.72 | 0.39 | 6.12 | | |
| 7/2/2022 9:00 | 14.79 | 317422.4 | 33.44 | 1.55 | 0.96 | 9.62 | | |
| 7/2/2022 10:00 | 14.65 | 333775.2 | 50.27 | 1.86 | 0.33 | 5.6 | | |
| 7/2/2022 11:00 | 14.63 | 332453.4 | 52.1 | 1.31 | 0.33 | 5.06 | | |
| 7/2/2022 12:00 | 14.61 | 340555.1 | 42.03 | 1.41 | 0.33 | 5.29 | | |
| 7/2/2022 13:00 | 14.57 | 342883.1 | 40.83 | 1.31 | 0.33 | 5.01 | | |
| 7/2/2022 14:00 | 14.57 | 339827.6 | 50.95 | 1.32 | 0.33 | 4.97 | | |
| 7/2/2022 15:00 | 14.57 | 340592.2 | 45.95 | 1.38 | 0.33 | 4.87 | | |
| 7/2/2022 16:00 | 14.64 | 337411.8 | 38.32 | 0.84 | 0.34 | 5.7 | | |
| 7/2/2022 17:00 | 14.58 | 334317 | 47.61 | 1.03 | 0.33 | 5.02 | | |
| 7/2/2022 18:00 | 14.6 | 328980.6 | 49.28 | 1.17 | 0.33 | 5.11 | | |
| 7/2/2022 19:00 | 14.63 | 327137.7 | 50.78 | 1.38 | 0.33 | 5.14 | | |
| 7/2/2022 20:00 | 14.65 | 328141.6 | 50.87 | 1.46 | 0.33 | 5.17 | | |
| 7/2/2022 21:00 | 14.68 | 327636.9 | 48.88 | 1.43 | 0.34 | 5.18 | | |
| 7/2/2022 22:00 | 14.69 | 329053.4 | 49.47 | 1.47 | 0.34 | 5.12 | | |
| 7/2/2022 23:00 | 14.44 | 381295.5 | 39.12 | 1.23 | 0.32 | 7.37 | | |
| 7/10/2022 0:00 | 14.34 | 394067.2 | 15.54 | 1.17 | 0.32 | 8.4 | | |
| 7/10/2022 1:00 | 14.35 | 394101.4 | 15.99 | 1.31 | 0.32 | 8.7 | | |
| 7/10/2022 2:00 | 14.35 | 394533.1 | 15.91 | 1.39 | 0.32 | 8.96 | | |
| 7/10/2022 3:00 | 14.34 | 393776.8 | 15.81 | 1.41 | 0.32 | 8.93 | | |
| 7/10/2022 4:00 | 14.34 | 393772.7 | 15.81 | 1.42 | 0.32 | 8.6 | | |
| 7/10/2022 5:00 | 14.34 | 393443.1 | 15.43 | 1.38 | 0.32 | 8.46 | | |
| 7/10/2022 6:00 | 14.35 | 393472.2 | 15.27 | 1.38 | 0.32 | 8.15 | | |
| 7/10/2022 7:00 | 14.36 | 394350.6 | 15.32 | 1.32 | 0.32 | 7.81 | | |
| 7/10/2022 8:00 | 14.37 | 392630 | 18.01 | 1.31 | 0.32 | 7.65 | | |

Site Name: GULF_NRV1
Stack Name: HRSO_STACK1
Periodically: 01/07/2022 00:00-31/07/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|-----------------|----------------------------|----------|---|---------------|------------------|--------------|--|--|
| | FLOW @ 1 ATM | | | | | | | |
| | O2 % | 25C | HRSO1_NOx@%O2 | HRSO1_SOx@%O2 | HRSO1_Dust (%O2) | HRSO1_CO@%O2 | | |
| 7/13/2022 12:00 | 14.36 | 386184.1 | 23.5 | ppm | mg/m3 | ppm | | |
| 7/13/2022 14:00 | 14.35 | 386141.4 | 22.99 | 1.35 | 0.32 | 8.15 | | |
| 7/13/2022 14:00 | 14.33 | 384848.8 | 24.34 | 1.2 | 0.32 | 8.03 | | |
| 7/13/2022 15:00 | 14.32 | 380163 | 23.14 | 1.23 | 0.32 | 7.89 | | |
| 7/13/2022 16:00 | 14.31 | 382245.6 | 23.15 | 1.18 | 0.32 | 7.68 | | |
| 7/13/2022 17:00 | 14.32 | 382211.8 | 23.09 | 1.09 | 0.32 | 7.65 | | |
| 7/13/2022 18:00 | 14.54 | 349626.4 | 39.23 | 1.38 | 0.33 | 5.73 | | |
| 7/13/2022 19:00 | 14.68 | 319616.4 | 49.16 | 1.43 | 0.33 | 5.23 | | |
| 7/13/2022 20:00 | 14.7 | 31301.2 | 47.01 | 1.34 | 0.32 | 5.34 | | |
| 7/13/2022 21:00 | 14.72 | 313186.8 | 46.44 | 1.31 | 0.34 | 5.31 | | |
| 7/13/2022 22:00 | 14.57 | 360965.2 | 31.43 | 1.21 | 0.33 | 6.85 | | |
| 7/13/2022 23:00 | 14.38 | 393864.3 | 17.19 | 1.02 | 0.32 | 7.17 | | |
| 7/14/2022 0:00 | 14.37 | 393178.6 | 17.13 | 1.12 | 0.32 | 7.21 | | |
| 7/14/2022 1:00 | 14.37 | 393405.3 | 16.96 | 1.09 | 0.32 | 7.41 | | |
| 7/14/2022 2:00 | 14.37 | 393522 | 17.12 | 1.27 | 0.32 | 7.7 | | |
| 7/14/2022 3:00 | 14.37 | 393594.2 | 16.53 | 1.15 | 0.32 | 8.05 | | |
| 7/14/2022 4:00 | 14.37 | 394750 | 17.04 | 1.18 | 0.32 | 8.1 | | |
| 7/14/2022 5:00 | 14.37 | 395075.5 | 17.1 | 1.28 | 0.32 | 8.32 | | |
| 7/14/2022 6:00 | 14.37 | 394831.2 | 16.79 | 1.28 | 0.32 | 8.47 | | |
| 7/14/2022 7:00 | 14.38 | 393735.1 | 16.17 | 1.38 | 0.32 | 8.06 | | |
| 7/14/2022 8:00 | 14.38 | 390313 | 21.48 | 1.21 | 0.32 | 7.48 | | |
| 7/14/2022 9:00 | 14.46 | 371068.7 | 29.71 | 1.35 | 0.32 | 6.56 | | |
| 7/14/2022 10:00 | 14.68 | 341805.8 | 42.74 | 1.34 | 0.34 | 5.38 | | |
| 7/14/2022 11:00 | 14.67 | 331987.2 | 37.42 | 1.37 | 0.33 | 5.11 | | |
| 7/14/2022 12:00 | 14.61 | 345052.2 | 41.09 | 1.32 | 0.33 | 5.46 | | |
| 7/14/2022 13:00 | 14.54 | 351770.6 | 36.83 | 1.35 | 0.33 | 5.67 | | |
| 7/14/2022 14:00 | 14.57 | 344724.3 | 41.11 | 0.46 | 0.33 | 4.93 | | |
| 7/14/2022 15:00 | 14.58 | 342533.9 | 39.92 | 0.84 | 0.33 | 4.174 | | |
| 7/14/2022 16:00 | 14.62 | 342337.8 | 42.76 | 0.46 | 0.33 | 4.89 | | |
| 7/14/2022 17:00 | 14.66 | 339921.6 | 40.1 | 1.1 | 0.33 | 5.54 | | |
| 7/14/2022 18:00 | 14.67 | 340664.6 | 39.47 | 1.07 | 0.33 | 6.15 | | |
| 7/14/2022 19:00 | 14.65 | 344539 | 39.86 | 1.17 | 0.33 | 6.12 | | |
| 7/14/2022 20:00 | 14.64 | 347415.5 | 39.57 | 1.18 | 0.33 | 5.49 | | |
| 7/14/2022 21:00 | 14.63 | 351788.4 | 37.6 | 1.17 | 0.33 | 5.49 | | |
| 7/14/2022 22:00 | 14.69 | 346640 | 35.5 | 1.21 | 0.34 | 7.57 | | |
| 7/14/2022 23:00 | 14.46 | 379225.3 | 26.68 | 1.23 | 0.32 | 6.93 | | |
| 7/15/2022 0:00 | 14.38 | 390829 | 22.44 | 1.17 | 0.32 | 7.54 | | |
| 7/15/2022 1:00 | 14.38 | 391375.2 | 22.62 | 1.12 | 0.32 | 7.28 | | |
| 7/15/2022 2:00 | 14.38 | 391549.7 | 22.06 | 1.27 | 0.32 | 7.33 | | |
| 7/15/2022 3:00 | 14.37 | 392603.1 | 19.06 | 1.29 | 0.32 | 7.69 | | |
| 7/15/2022 4:00 | 14.37 | 392693.5 | 18.99 | 1.29 | 0.32 | 7.93 | | |
| 7/15/2022 5:00 | 14.37 | 393533.4 | 16.08 | 1.06 | 0.32 | 8.23 | | |
| 7/15/2022 6:00 | 14.38 | 393948.6 | 15.61 | 1.17 | 0.32 | 8.29 | | |
| 7/15/2022 7:00 | 14.39 | 392804.8 | 18.1 | 1.26 | 0.32 | 8.24 | | |
| 7/15/2022 8:00 | 14.47 | 377721.8 | 24.7 | 1.21 | 0.32 | 9.33 | | |
| 7/15/2022 9:00 | 14.77 | 32626.9 | 33.74 | 1.34 | 0.34 | 10.03 | | |
| 7/15/2022 10:00 | 14.69 | 343861 | 39.73 | 1.33 | 0.33 | 5.3 | | |
| 7/15/2022 11:00 | 14.66 | 343952.4 | 40.84 | 1.26 | 0.33 | 5.03 | | |
| 7/15/2022 12:00 | 14.65 | 341644.2 | 44.62 | 1.12 | 0.33 | 5.03 | | |
| 7/15/2022 13:00 | 14.67 | 341422.2 | 43.12 | 1.19 | 0.33 | 5.18 | | |
| 7/15/2022 14:00 | 14.67 | 340938.8 | 41.13 | 1.67 | 0.33 | 5.16 | | |
| 7/15/2022 15:00 | 14.65 | 339890.6 | 42.73 | 1.04 | 0.33 | 5.17 | | |
| 7/15/2022 16:00 | 14.67 | 338356.3 | 41.12 | 1.14 | 0.33 | 5.77 | | |
| 7/15/2022 17:00 | 14.63 | 343015.3 | 38.51 | 1.22 | 0.33 | 6.1 | | |
| 7/15/2022 18:00 | 14.65 | 344805 | 39.86 | 1.17 | 0.33 | 6.21 | | |
| 7/15/2022 19:00 | 14.73 | 342538.9 | 35.38 | 1.16 | 0.34 | 8.09 | | |
| 7/15/2022 20:00 | 14.64 | 350435.4 | 35.8 | 1.21 | 0.33 | 6.55 | | |
| 7/15/2022 21:00 | 14.72 | 344666.6 | 34.76 | 1.29 | 0.34 | 9.5 | | |
| 7/15/2022 22:00 | 14.74 | 344504.4 | 32.85 | 1.4 | 0.34 | 9.2 | | |
| 7/15/2022 23:00 | 14.43 | 382767.9 | 23.76 | 1.09 | 0.32 | 6.94 | | |
| 7/16/2022 0:00 | 14.37 | 390041.2 | 18.45 | 0.9 | 0.32 | 7.42 | | |
| 7/16/2022 1:00 | 14.37 | 390671.3 | 17.23 | 1.27 | 0.32 | 7.28 | | |
| 7/16/2022 2:00 | 14.38 | 390265.5 | 19.08 | 1.18 | 0.32 | 7.47 | | |
| 7/16/2022 3:00 | 14.35 | 391818.8 | 17.79 | 0.48 | 0.32 | 6.82 | | |
| 7/16/2022 4:00 | 14.34 | 392742.2 | 13.52 | 0.35 | 0.32 | 7.06 | | |
| 7/16/2022 5:00 | 14.36 | 392646.7 | 17.43 | 0.78 | 0.32 | 7.78 | | |
| 7/16/2022 6:00 | 14.38 | 391436.3 | 19.31 | 1.05 | 0.32 | 7.71 | | |
| 7/16/2022 7:00 | 14.39 | 387699 | 20.75 | 0.88 | 0.32 | 7.94 | | |
| 7/16/2022 8:00 | 14.4 | 384444.5 | 22.8 | 1.09 | 0.32 | 7.83 | | |
| 7/16/2022 9:00 | 14.48 | 381781.5 | 31.43 | 0.96 | 0.33 | 6.52 | | |
| 7/16/2022 10:00 | 14.63 | 345152.9 | 35.44 | 0.99 | 0.33 | 4.98 | | |
| 7/16/2022 11:00 | 14.66 | 341970 | 38.8 | 0.23 | 0.33 | 4.84 | | |
| 7/16/2022 12:00 | 14.63 | 338173 | 42.97 | 0.04 | 0.33 | 4.57 | | |
| 7/16/2022 13:00 | 14.6 | 338932.2 | 41.6 | 0.14 | 0.33 | 4.56 | | |
| 7/16/2022 14:00 | 14.65 | 340212.5 | 39.33 | 0.02 | 0.33 | 4.31 | | |

Site Name: GULF_NRV1
Stack Name: HRSO_STACK1
Periodically: 01/07/2022 00:00-31/07/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|-----------------|----------------------------|--------------|---|---------------|------------------|--------------|--|--|
| | O2 % | FLOW @ 1 ATM | | | | | | |
| | | 25C | HRSO1_NOx@%O2 | HRSO1_SOx@%O2 | HRSO1_Dust (%O2) | HRSO1_CO@%O2 | | |
| | % | m3/h | ppm | ppm | mg/m3 | ppm | | |
| 7/19/2022 18:00 | 14.68 | 341199.1 | 36.32 | 0 | 0.34 | 8.31 | | |
| 7/19/2022 19:00 | 14.66 | 335738.5 | 42.3 | 0 | 0.33 | 3.66 | | |
| 7/19/2022 20:00 | 14.73 | 346091.4 | 34.01 | 0 | 0.34 | 9.62 | | |
| 7/19/2022 21:00 | 14.69 | 340027.3 | 42.13 | 0.01 | 0.34 | 7.43 | | |
| 7/19/2022 22:00 | 14.72 | 334925.8 | 43.13 | | | 4.29 | | |
| 7/19/2022 23:00 | 14.84 | 311678 | 36.53 | 0 | 1.06 | 7.22 | | |
| 7/20/2022 0:00 | 14.86 | 297307 | 34.55 | 0 | 0.9 | 5.33 | | |
| 7/20/2022 1:00 | 14.84 | 295571.4 | 33.85 | 0 | 1.05 | 5.18 | | |
| 7/20/2022 2:00 | 14.83 | 296822.2 | 34.05 | 0 | 0.84 | 5.16 | | |
| 7/20/2022 3:00 | 14.86 | 296819.9 | 31 | 0.04 | 0.71 | 5.36 | | |
| 7/20/2022 4:00 | 14.86 | 294217.5 | 28.82 | 0.02 | 1.65 | 5.58 | | |
| 7/20/2022 5:00 | 14.85 | 291476.3 | 28.92 | 0.02 | 1.7 | 5.26 | | |
| 7/20/2022 6:00 | 14.85 | 291035.7 | 31.77 | 0.09 | 0.89 | 5.28 | | |
| 7/20/2022 7:00 | 14.86 | 291077.2 | 28.35 | 0.05 | 2.17 | 5.79 | | |
| 7/20/2022 8:00 | 14.82 | 308817.4 | 32.84 | 0 | 0.34 | 5.13 | | |
| 7/20/2022 9:00 | 14.76 | 330786.6 | 28.87 | 0 | 0.34 | 8.01 | | |
| 7/20/2022 10:00 | 14.68 | 339323.3 | 42.03 | 0.33 | 0.34 | 7.48 | | |
| 7/20/2022 11:00 | 14.63 | 339142.6 | 39.2 | 0 | 0.33 | 4.41 | | |
| 7/20/2022 12:00 | 14.58 | 338290.6 | 42.75 | 0 | 0.33 | 3.87 | | |
| 7/20/2022 13:00 | 14.57 | 338203 | 43.32 | 0 | 0.33 | 3.82 | | |
| 7/20/2022 14:00 | 14.52 | 338513.6 | 42.03 | 0.17 | 0.33 | 3.82 | | |
| 7/20/2022 15:00 | 14.86 | 291077.2 | 28.35 | 0.05 | 2.17 | 5.79 | | |
| 7/20/2022 16:00 | 14.51 | 339764.6 | 40.84 | 0.59 | 0.33 | 6.41 | | |
| 7/20/2022 17:00 | 14.65 | 339802.3 | 39.15 | 1.29 | 0.33 | 11.19 | | |
| 7/20/2022 18:00 | 14.66 | 343835 | 40.86 | 2.03 | 0.33 | 14.27 | | |
| 7/20/2022 19:00 | 14.62 | 348728.4 | 38.01 | 2.01 | 0.33 | 9.99 | | |
| 7/20/2022 20:00 | 14.63 | 336680.3 | 37.95 | 2.12 | 0.33 | 6.67 | | |
| 7/20/2022 21:00 | 14.66 | 334515.7 | 44.31 | 0.23 | 0.33 | 4.77 | | |
| 7/20/2022 22:00 | 14.66 | 334191.5 | 39.93 | 0.23 | 0.33 | 4.68 | | |
| 7/20/2022 23:00 | 14.76 | 308973.7 | 38.38 | 2.24 | 0.4 | 5.59 | | |
| 7/21/2022 0:00 | 14.82 | 298228.2 | 39.11 | 2.22 | 0.87 | 5.53 | | |
| 7/21/2022 1:00 | 14.79 | 298483.4 | 38.62 | 1.4 | 1.04 | 5.54 | | |
| 7/21/2022 2:00 | 14.75 | 300408.9 | 39.15 | 1.05 | 0.69 | 4.69 | | |
| 7/21/2022 3:00 | 14.78 | 296338.6 | 34.36 | 1.14 | 0.84 | 4.98 | | |
| 7/21/2022 4:00 | 14.8 | 295298.4 | 36.5 | 2.13 | 0.68 | 5.28 | | |
| 7/21/2022 5:00 | 14.79 | 295554.4 | 39.34 | 2.39 | 0.79 | 5.28 | | |
| 7/21/2022 6:00 | 14.81 | 295844.6 | 36.75 | 2.39 | 0.89 | 5.34 | | |
| 7/21/2022 7:00 | 14.81 | 295424.8 | 36.87 | 2.51 | 1.2 | 5.51 | | |
| 7/21/2022 8:00 | 14.76 | 314379.9 | 41.96 | 2.28 | 0.34 | 5.11 | | |
| 7/21/2022 9:00 | 14.72 | 333071.2 | 37.54 | 2.39 | 0.34 | 7.44 | | |
| 7/21/2022 10:00 | 14.67 | 341099.6 | 35.54 | 1.5 | 0.33 | 8.67 | | |
| 7/21/2022 11:00 | 14.64 | 343543 | 36.53 | 0.85 | 0.33 | 8.69 | | |
| 7/21/2022 12:00 | 14.66 | 341815.6 | 33.79 | 0.6 | 0.33 | 16.41 | | |
| 7/21/2022 13:00 | 14.58 | 343834 | 39.3 | 0.41 | 0.33 | 5.27 | | |
| 7/21/2022 14:00 | 14.62 | 348405.5 | 35.47 | 0.5 | 0.33 | 6.42 | | |
| 7/21/2022 15:00 | 14.66 | 347309.3 | 34.8 | 0.86 | 0.33 | 9.92 | | |
| 7/21/2022 16:00 | 14.64 | 348009 | 37.67 | 1.78 | 0.33 | 6.45 | | |
| 7/21/2022 17:00 | 14.67 | 346593.7 | 37.78 | 1.84 | 0.33 | 6.43 | | |
| 7/21/2022 18:00 | 14.66 | 347904.5 | 39.19 | 2.01 | 0.33 | 10.67 | | |
| 7/21/2022 19:00 | 14.7 | 347713.3 | 39.36 | 1.86 | 0.34 | 11.4 | | |
| 7/21/2022 20:00 | 14.73 | 348479 | 37.05 | 2.15 | 0.34 | 12.27 | | |
| 7/21/2022 21:00 | 14.69 | 339442.6 | 38.86 | 1.88 | 0.33 | 11.81 | | |
| 7/21/2022 22:00 | 14.71 | 334374.3 | 44.66 | 1.88 | 0.34 | 6.71 | | |
| 7/21/2022 23:00 | 14.71 | 336251.5 | 39.63 | 2.01 | 0.33 | 7.38 | | |
| 7/22/2022 0:00 | 14.84 | 299521.6 | 41.32 | 1.98 | 0.64 | 5.52 | | |
| 7/22/2022 1:00 | 14.85 | 298079.2 | 38.89 | 2.1 | 1.04 | 5.74 | | |
| 7/22/2022 2:00 | 14.82 | 298974.6 | 40.43 | 2.18 | 0.63 | 5.57 | | |
| 7/22/2022 3:00 | 14.85 | 295135.1 | 35.9 | 2.12 | 3.27 | 6.29 | | |
| 7/22/2022 4:00 | 14.84 | 297682 | 37.53 | 2.16 | 1 | 5.76 | | |
| 7/22/2022 5:00 | 14.88 | 293023 | 33.41 | 2.24 | 0.34 | 6.38 | | |
| 7/22/2022 6:00 | 14.88 | 294277.2 | 34.03 | 2.21 | 2.85 | 6.42 | | |
| 7/22/2022 7:00 | 14.87 | 293372.3 | 34.03 | 2.08 | 2.49 | 6.14 | | |
| 7/22/2022 8:00 | 14.8 | 310566.9 | 41.76 | 2.23 | 0.34 | 5.38 | | |
| 7/22/2022 9:00 | 14.72 | 332855.3 | 39.22 | 1.91 | 0.33 | 6.11 | | |
| 7/22/2022 10:00 | 14.73 | 342893.2 | 41.08 | 2.11 | 0.34 | 10.88 | | |
| 7/22/2022 11:00 | 14.64 | 351322.1 | 37.37 | 1.87 | 0.32 | 6.21 | | |
| 7/22/2022 12:00 | 14.66 | 344405.8 | 39.64 | 1.94 | 0.33 | 8.11 | | |
| 7/22/2022 13:00 | 14.64 | 341910.3 | 46.87 | 1.93 | 0.33 | 4.49 | | |
| 7/22/2022 14:00 | 14.63 | 342132.3 | 45.51 | 1.84 | 0.33 | 5.32 | | |
| 7/22/2022 15:00 | 14.64 | 340176.1 | 45.77 | 1.81 | 0.33 | 5.68 | | |
| 7/22/2022 16:00 | 14.67 | 340286.5 | 41.08 | 1.73 | 0.33 | 8.06 | | |
| 7/22/2022 17:00 | 14.67 | 342978.1 | 38.87 | 1.63 | 0.33 | 9.39 | | |
| 7/22/2022 18:00 | 14.68 | 343955.1 | 39.64 | 1.71 | 0.34 | 10.4 | | |
| 7/22/2022 19:00 | 14.72 | 344405.8 | 39.61 | 1.85 | 0.34 | 13.56 | | |
| 7/22/2022 20:00 | 14.67 | 339086.9 | 45.06 | 1.83 | 0.33 | 5.44 | | |

GULF_NRV1
HRSG_STACK1
01/07/2022 00:00

[illegible]

GULF_NRV1
HRSG_STAC
01/07/2022 0

[illegible]

GULF_NRV1
HRSG_STAC
01/08/2020 0

[illegible]

GULF_NRV
HRSG_STA
01/08/2020

| Actual Operation Q2 | Emission Concentration for Standardization Comparison | | | | |
|------------------------|---|-------|----------|-------|---------|
| | FLOW @1 ATM | | | | |
| | 25C | HRSG1 | Nox@7%O2 | HRSG1 | CO@7%O2 |
| ZSO | | | | | |
| % | mg/m3 | ppm | ppm | mg/m3 | ppm |
| 14.79 | 302258.7 | 37.86 | 1.02 | 0.35 | 7.78 |
| 14.8 | 301300.2 | 38.06 | 1.02 | 0.34 | 7.78 |
| 14.79 | 303516 | 38.04 | 1.11 | 0.34 | 7.7 |
| 14.82 | 303333.3 | 38.03 | 0.29 | 0.35 | 7.79 |
| 14.85 | 305686.3 | 36.17 | 1.18 | 0.37 | 8.63 |
| 14.77 | 319333.9 | 43.37 | 0.91 | 0.34 | 7.24 |
| 14.75 | 323759.9 | 45.75 | 1.11 | 0.34 | 7.23 |
| 14.53 | 351337.5 | 48.13 | 0.29 | 0.33 | 6.3 |
| 14.55 | 344330.9 | 38.51 | 0.1 | 0.33 | 6.31 |
| 14.59 | 340994.4 | 42.83 | 0.5 | 0.33 | 6.6 |
| 14.53 | 343844.5 | 33.06 | 0.61 | 0.33 | 6.42 |
| 14.5 | 343336.6 | 33.06 | 0.71 | 0.33 | 6.5 |
| 14.48 | 346760.1 | 33.6 | 0.76 | 0.32 | 6.48 |
| 14.5 | 343999.5 | 33.4 | 0.61 | 0.33 | 6.24 |
| 14.61 | 341560.4 | 43.33 | 0.64 | 0.33 | 6.53 |
| 14.68 | 340158.1 | 48.87 | 0.62 | 0.33 | 6.68 |
| 14.7 | 340333.3 | 44.92 | 0.86 | 0.34 | 7.78 |
| 14.7 | 343033.8 | 44.43 | 0.74 | 0.34 | 7.79 |
| 14.75 | 343397.9 | 44.09 | 0.87 | 0.34 | 8.5 |
| 14.77 | 338977.7 | 42.34 | 0.87 | 0.36 | 12.78 |
| 14.8 | 343388 | 39.99 | 0.86 | 0.36 | 7.73 |
| 14.89 | 303388 | 38.97 | 0.91 | 0.35 | 7.75 |
| 14.87 | 302292.9 | 40.25 | 1.08 | 0.35 | 7.58 |
| 14.87 | 302654.2 | 40.26 | 1.06 | 0.39 | 7.4 |
| 14.88 | 298246.1 | 39.25 | 0.7 | 0.37 | 7.38 |
| 14.88 | 301596 | 39.25 | 1.17 | 0.35 | 7.58 |
| 14.89 | 300877.7 | 38.53 | 1.23 | 0.36 | 7.49 |
| 14.87 | 304793.1 | 40.47 | 1.22 | 0.36 | 7.7 |
| 14.87 | 30467 | 40.85 | 1.28 | 0.36 | 7.2 |
| 14.83 | 316603.3 | 42.77 | 0.67 | 0.34 | 6.67 |
| 14.84 | 319296.9 | 38.66 | 0.44 | 0.34 | 8.75 |
| 14.66 | 347639 | 44.56 | 0.71 | 0.33 | 7.67 |
| 14.66 | 341719.9 | 44.89 | 0.5 | 0.33 | 6.4 |
| 14.61 | 344029.4 | 39.97 | 0.87 | 0.33 | 6.2 |
| 14.56 | 342965.6 | 36.69 | 0.59 | 0.33 | 6.01 |
| 14.56 | 344268.3 | 35.95 | 0.61 | 0.33 | 6.02 |
| 14.58 | 343331.1 | 40.26 | 0.63 | 0.33 | 6.07 |
| 14.61 | 342416.6 | 39.88 | 0.64 | 0.33 | 5.99 |
| 14.67 | 337091.8 | 45.39 | 0.6 | 0.33 | 6.33 |
| 14.65 | 331616.3 | 35.49 | 0.64 | 0.33 | 6.95 |
| 14.67 | 333390.1 | 37.62 | 0.76 | 0.33 | 6 |
| 14.68 | 330454.5 | 34.73 | 0.79 | 0.34 | 6.39 |
| 14.68 | 334429.4 | 36.53 | 0.89 | 0.34 | 6.2 |
| 14.73 | 327244.3 | 42.22 | 0.87 | 0.44 | 8.17 |
| 14.83 | 29982.2 | 40.44 | 0.44 | 0.37 | 7.44 |
| 14.82 | 239863 | 42.76 | 0.79 | 0.34 | 6.98 |
| 14.82 | 299445.6 | 43.65 | 0.9 | 0.37 | 6.81 |
| 14.82 | 302816.3 | 44.61 | 0.96 | 0.35 | 6.73 |
| 14.85 | 294402.4 | 40.18 | 0.98 | 0.39 | 6.86 |
| 14.82 | 295266 | 41.66 | 0.89 | 0.36 | 7.23 |
| 14.82 | 295867.3 | 43.19 | 1.02 | 0.35 | 7.06 |
| 14.84 | 291037.4 | 39.88 | 0.86 | 0.57 | 7.14 |
| 14.84 | 296153.1 | 40.44 | 1.07 | 0.85 | 7.01 |
| 14.8 | 312486.2 | 44.84 | 1.1 | 0.34 | 6.73 |
| 14.83 | 312962.4 | 39.87 | 1.12 | 0.34 | 8.27 |
| 14.54 | 351325.4 | 36.03 | 0.9 | 0.33 | 6.35 |
| 14.54 | 347465.5 | 36.93 | 0.75 | 0.33 | 5.92 |
| 14.54 | 346566.7 | 36.93 | 0.71 | 0.33 | 6.52 |
| 14.51 | 347405.8 | 36.37 | 0.65 | 0.33 | 6.28 |
| 14.46 | 350053.9 | 34.02 | 0.62 | 0.32 | 5.5 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK1
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-----------------|---|-----------------|-------------------|----------------|------|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@%7xO2 | HRSG1_SOx@%7xO2 | HRSG1_Dust (7xO2) | HRSG1_CO@%7xO2 | |
| 8/7/2022 6:00 | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 8/7/2022 7:00 | 14.29 | 320269.3 | 23.27 | 0.02 | 0.32 | 8.45 | 0.38 |
| 8/7/2022 8:00 | 14.31 | 391036.7 | 21.59 | 0 | 0.31 | 7.54 | 0.37 |
| 8/7/2022 9:00 | 14.28 | 387210.9 | 23.63 | 0.01 | 0.31 | 7.69 | 0.38 |
| 8/7/2022 10:00 | 14.27 | 385074.7 | 23.06 | 0.01 | 0.31 | 7.48 | 0.37 |
| 8/7/2022 11:00 | 14.25 | 383987.3 | 23.78 | 0 | 0.31 | 7.18 | 0.36 |
| 8/7/2022 12:00 | 14.25 | 377525.6 | 23.08 | 0 | 0.31 | 6.42 | 0.32 |
| 8/7/2022 13:00 | 14.24 | 376134.6 | 24.68 | 0 | 0.31 | 6.16 | 0.33 |
| 8/7/2022 14:00 | 14.23 | 374718.1 | 25.24 | 0 | 0.31 | 6.01 | 0.33 |
| 8/7/2022 15:00 | 14.24 | 376254.1 | 24.48 | 0 | 0.31 | 6.25 | 0.33 |
| 8/7/2022 16:00 | 14.26 | 380640.3 | 22.82 | 0 | 0.31 | 6.08 | 0.33 |
| 8/7/2022 17:00 | 14.28 | 379929.1 | 24.8 | 0 | 0.32 | 6.25 | 0.33 |
| 8/7/2022 18:00 | 14.27 | 38657.7 | 21.59 | 0.01 | 0.32 | 6.25 | 0.33 |
| 8/7/2022 19:00 | 14.38 | 375284.2 | 27.66 | 0.1 | 0.32 | 6.25 | 0.33 |
| 8/7/2022 20:00 | 14.64 | 336474.6 | 41.34 | 0.13 | 0.33 | 5.18 | 0.33 |
| 8/7/2022 21:00 | 14.65 | 332739.8 | 43.09 | 0.05 | 0.33 | 5.18 | 0.33 |
| 8/7/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/7/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/8/2022 8:00 | 15.53 | 272640.8 | 40.94 | 1.61 | 4.57 | 8.83 | 0.33 |
| 8/8/2022 9:00 | 14.67 | 31222 | 31.22 | 0.02 | 0.33 | 9.91 | 0.33 |
| 8/8/2022 10:00 | 14.6 | 353421.8 | 37.87 | 0 | 0.33 | 7.69 | 0.33 |
| 8/8/2022 11:00 | 14.58 | 352258.4 | 38.21 | 0 | 0.33 | 8.82 | 0.33 |
| 8/8/2022 12:00 | 14.58 | 347639.9 | 39.95 | 0 | 0.33 | 8.82 | 0.33 |
| 8/8/2022 13:00 | 14.59 | 34891.3 | 41.08 | 0 | 0.33 | 8.82 | 0.33 |
| 8/8/2022 14:00 | 14.52 | 343995.3 | 43.83 | 0 | 0.33 | 6.23 | 0.33 |
| 8/8/2022 15:00 | 14.53 | 338926.5 | 45.7 | 0 | 0.33 | 5.71 | 0.33 |
| 8/8/2022 16:00 | 14.54 | 335370.9 | 46.73 | 0 | 0.33 | 5.68 | 0.33 |
| 8/8/2022 17:00 | 14.59 | 330688.9 | 40.58 | 0 | 0.33 | 5.75 | 0.33 |
| 8/8/2022 18:00 | 14.61 | 327210.2 | 50.8 | 0 | 0.33 | 5.74 | 0.33 |
| 8/8/2022 19:00 | 14.62 | 329862.3 | 48.97 | 0 | 0.33 | 5.63 | 0.33 |
| 8/8/2022 20:00 | 14.61 | 334927.2 | 48.51 | 0 | 0.33 | 5.63 | 0.33 |
| 8/8/2022 21:00 | 14.62 | 337802.9 | 44.63 | 0 | 0.33 | 5.63 | 0.33 |
| 8/8/2022 22:00 | 14.68 | 328399.2 | 42.4 | 0 | 0.34 | 6.17 | 0.33 |
| 8/8/2022 23:00 | 14.8 | 299215.2 | 30.92 | 0 | 0.35 | 6.24 | 0.33 |
| 8/9/2022 0:00 | 14.81 | 301442.4 | 30.82 | 0 | 0.35 | 6.36 | 0.33 |
| 8/9/2022 1:00 | 14.8 | 300424.1 | 29.28 | 0.01 | 0.34 | 6.01 | 0.33 |
| 8/9/2022 2:00 | 14.78 | 300614.6 | 33.54 | 0 | 0.37 | 5.96 | 0.33 |
| 8/9/2022 3:00 | 14.78 | 297775.9 | 29.25 | 0 | 0.37 | 5.85 | 0.33 |
| 8/9/2022 4:00 | 14.76 | 299161.9 | 31.58 | 0.04 | 0.37 | 5.68 | 0.33 |
| 8/9/2022 5:00 | 14.81 | 294174.8 | 27.35 | 0 | 0.72 | 6.2 | 0.33 |
| 8/9/2022 6:00 | 14.82 | 292220.7 | 24.69 | 0.01 | 0.5 | 6.17 | 0.33 |
| 8/9/2022 7:00 | 14.79 | 300316 | 29.03 | 0.01 | 0.34 | 5.96 | 0.33 |
| 8/9/2022 8:00 | 14.75 | 317303 | 37.52 | 0 | 0.34 | 5.96 | 0.33 |
| 8/9/2022 9:00 | 14.79 | 320198.6 | 31.77 | 0 | 0.34 | 9.32 | 0.33 |
| 8/9/2022 10:00 | 14.57 | 352387.8 | 34.75 | 0 | 0.33 | 7.03 | 0.33 |
| 8/9/2022 11:00 | 14.57 | 347866.1 | 38.74 | 0 | 0.33 | 5.96 | 0.33 |
| 8/9/2022 12:00 | 14.53 | 34654.8 | 41.08 | 0 | 0.33 | 5.96 | 0.33 |
| 8/9/2022 13:00 | 14.53 | 344948.2 | 43.18 | 0.01 | 0.33 | 5.16 | 0.33 |
| 8/9/2022 14:00 | 14.56 | 347550.8 | 39.33 | 0.33 | 0.33 | 4.78 | 0.33 |
| 8/9/2022 15:00 | 14.63 | 345170.9 | 44.82 | 0.19 | 0.33 | 4.81 | 0.33 |
| 8/9/2022 16:00 | 14.54 | 338923.4 | 42.18 | 0.44 | 0.33 | 4.84 | 0.33 |
| 8/9/2022 17:00 | 14.52 | 333800.8 | 42.18 | 0.44 | 0.33 | 4.84 | 0.33 |
| 8/9/2022 18:00 | 14.55 | 331087.2 | 39.33 | 0.33 | 0.33 | 4.78 | 0.33 |
| 8/9/2022 19:00 | 14.58 | 330688.9 | 40.58 | 0 | 0.33 | 5.63 | 0.33 |
| 8/9/2022 20:00 | 14.55 | 335805.5 | 44.82 | 0.19 | 0.33 | 4.81 | 0.33 |
| 8/9/2022 21:00 | 14.56 | 338414.5 | 45.97 | 0.21 | 0.33 | 4.76 | 0.33 |
| 8/9/2022 22:00 | 14.63 | 329932.3 | 44.81 | 0.19 | 0.33 | 5.12 | 0.33 |
| 8/9/2022 23:00 | 14.78 | 29887.7 | 39.95 | 0 | 0.33 | 5.96 | 0.33 |
| 8/10/2022 0:00 | 14.74 | 297821.4 | 32.27 | 0.33 | 0.36 | 5.81 | 0.33 |
| 8/10/2022 1:00 | 14.73 | 296415 | 30.8 | 0.48 | 0.36 | 5.63 | 0.33 |
| 8/10/2022 2:00 | 14.72 | 294951.3 | 32.53 | 0.43 | 0.36 | 5.58 | 0.33 |
| 8/10/2022 3:00 | 14.72 | 296365.5 | 34.47 | 0.49 | 0.36 | 5.58 | 0.33 |
| 8/10/2022 4:00 | 14.69 | 298367.5 | 35.42 | 0.5 | 0.39 | 5.54 | 0.33 |
| 8/10/2022 5:00 | 14.73 | 293805 | 31.73 | 0.49 | 0.63 | 6 | 0.33 |
| 8/10/2022 6:00 | 14.75 | 292360.1 | 30.07 | 0.46 | 0.75 | 6.22 | 0.33 |
| 8/10/2022 7:00 | 14.72 | 30095.8 | 37.5 | 0.46 | 0.75 | 6.22 | 0.33 |
| 8/10/2022 8:00 | 14.68 | 310729.5 | 37.9 | 0.49 | 0.34 | 5.14 | 0.33 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK1
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|-----------------|---|-----------------|-------------------|----------------|------|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@%7xO2 | HRSG1_SOx@%7xO2 | HRSG1_Dust (7xO2) | HRSG1_CO@%7xO2 | |
| 8/13/2022 12:00 | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 8/13/2022 13:00 | 14.63 | 319662.3 | 39.17 | 2.25 | 0.33 | 7.7 | 0.33 |
| 8/13/2022 14:00 | 14.61 | 318531.8 | 37.47 | 2.26 | 0.33 | 7.7 | 0.33 |
| 8/13/2022 15:00 | 14.58 | 319009.7 | 39.57 | 2.26 | 0.33 | 7.7 | 0.33 |
| 8/13/2022 16:00 | 14.62 | 318227.4 | 51.1 | 2.26 | 0.33 | 7.66 | 0.33 |
| 8/13/2022 17:00 | 14.61 | 318694.4 | 51.54 | 2.23 | 0.33 | 7.66 | 0.33 |
| 8/13/2022 18:00 | 14.63 | 316122.6 | 51.24 | 2.29 | 0.33 | 7.66 | 0.33 |
| 8/13/2022 19:00 | 14.63 | 315550.8 | 52.16 | 2.34 | 0.33 | 7.61 | 0.33 |
| 8/13/2022 20:00 | 14.64 | 316321.7 | 52.4 | 2.3 | 0.33 | 7.52 | 0.33 |
| 8/13/2022 21:00 | 14.64 | 316363 | 50.98 | 1.83 | 0.33 | 7.3 | 0.33 |
| 8/13/2022 22:00 | 14.65 | 317229 | 52.32 | 1.33 | 0.33 | 7.42 | 0.33 |
| 8/13/2022 23:00 | 15.89 | 251884.7 | 39.41 | 3.03 | 1.27 | 7.2 | 0.33 |
| 8/14/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 19:00 | 14.67 | 316863.3 | 39.49 | 2.1 | 0.33 | 8.68 | 0.33 |
| 8/14/2022 20:00 | 14.67 | 316264.4 | 48.47 | 2.09 | 0.33 | 8.73 | 0.33 |
| 8/14/2022 21:00 | 14.75 | 316022.8 | 46.76 | 2.15 | 0.52 | 12.61 | 0.33 |
| 8/14/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/14/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/15/2022 8:00 | 14.76 | 311053.8 | 41.53 | 2.63 | 0.5 | 17.65 | 0.33 |
| 8/15/2022 9:00 | 14.7 | 317394 | 43.63 | 2.26 | 0.34 | 10.45 | 0.33 |
| 8/15/2022 10:00 | 14.46 | 352500.2 | 34.39 | 2.04 | 0.32 | 8.79 | 0.33 |
| 8/15/2022 11:00 | 14.47 | 348919.4 | 33.15 | 2.09 | 0.32 | 8.43 | 0.33 |
| 8/15/2022 12:00 | 14.47 | 345431.7 | 35.65 | 1.44 | 0.32 | 8.2 | 0.33 |
| 8/15/2022 13:00 | 14.39 | 349530.6 | 34.26 | 0.9 | 0.32 | 7.7 | 0.33 |
| 8/15/2022 14:00 | 14.51 | 352201.5 | 36.97 | 0.68 | 0.33 | 8.41 | 0.33 |
| 8/15/2022 15:00 | 14.53 | 333290.3 | 34.59 | 1.42 | 0.33 | 7.49 | 0.33 |
| 8/15/2022 16:00 | 14.55 | 330808.4 | 33.41 | 0.99 | 0.33 | 7.24 | 0.33 |
| 8/15/2022 17:00 | 14.54 | 333468 | 35.08 | 0.76 | 0.33 | 7.09 | 0.33 |
| 8/15/2022 18:00 | 14.58 | 331146.3 | 33.45 | 0.7 | 0.33 | 6.91 | 0.33 |
| 8/15/2022 19:00 | 14.59 | 33861.8 | 38.24 | 1.64 | 0.33 | 7.38 | 0.33 |
| 8/15/2022 20:00 | 14.6 | 339677.4 | 36.13 | 2.32 | 0.33 | 7.4 | 0.33 |
| 8/15/2022 21:00 | 14.61 | 339105.7 | 38.14 | 2.4 | 0.33 | 7.45 | 0.33 |
| 8/15/2022 22:00 | 14.61 | 331146.3 | 38.24 | 1.64 | 0.33 | 7.38 | 0.33 |
| 8/15/2022 23:00 | 14.8 | 300446.8 | 40.2 | 2.38 | 1.66 | 8.82 | 0.33 |
| 8/16/2022 0:00 | 14.75 | 302053.9 | 45.04 | 1.84 | 0.52 | 7.64 | 0.33 |
| 8/16/2022 1:00 | 14.78 | 300625.1 | 46.38 | 2.5 | 0.35 | 7.54 | 0.33 |
| 8/16/2022 2:00 | 14.8 | 297181.1 | 45.94 | 2.64 | 0.54 | 7.79 | 0.33 |
| 8/16/2022 3:00 | 14.76 | 298575.2 | 45.55 | 2.71 | 0.43 | 7.56 | 0.33 |
| 8/16/2022 4:00 | 14.76 | 297918.1 | 45.94 | 2.81 | 0.69 | 7.79 | 0.33 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK1
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|-----------------|---|----------------|------------------|---------------|------|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 8/19/2022 18:00 | 14.58 | 342007 | 39.36 | 0 | 0.33 | 3.98 | 6.15 |
| 8/19/2022 19:00 | 14.6 | 334799.2 | 42.72 | 0 | 0.33 | 4.38 | 6.76 |
| 8/19/2022 20:00 | 14.54 | 333667.1 | 47.33 | 0 | 0.33 | 3.73 | 6.58 |
| 8/19/2022 21:00 | 14.56 | 332296.1 | 46.4 | 0 | 0.33 | 3.98 | 6.53 |
| 8/19/2022 22:00 | 14.61 | 323455.5 | 44.61 | 0 | 0.36 | 5.49 | 6.45 |
| 8/19/2022 23:00 | 14.75 | 301362.7 | 24.99 | 0 | 0.35 | 4.7 | 6.53 |
| 8/20/2022 0:00 | 14.73 | 301103.9 | 27.78 | 0 | 0.36 | 4.49 | 7.01 |
| 8/20/2022 1:00 | 14.74 | 300338.7 | 27.29 | 0 | 0.35 | 4.24 | 6.64 |
| 8/20/2022 2:00 | 14.73 | 300384.3 | 27.36 | 0 | 0.35 | 4.14 | 6.31 |
| 8/20/2022 3:00 | 14.75 | 297963.6 | 26.11 | 0 | 0.32 | 4.37 | 6.26 |
| 8/20/2022 4:00 | 14.77 | 293505.8 | 22.09 | 0 | 0.38 | 4.36 | 6.97 |
| 8/20/2022 5:00 | 14.77 | 291677.6 | 21.77 | 0 | 0.37 | 4.64 | 6.89 |
| 8/20/2022 6:00 | 14.84 | 288320.9 | 26.65 | 0 | 0.19 | 5.41 | 6.34 |
| 8/20/2022 7:00 | 14.84 | 289967.9 | 28.85 | 0 | 0.3 | 5.55 | 6.41 |
| 8/20/2022 8:00 | 14.81 | 302005.6 | 33.81 | 0 | 0.32 | 5.38 | 5.11 |
| 8/20/2022 9:00 | 14.95 | 305091.8 | 27.36 | 0 | 0.35 | 8.39 | 5.21 |
| 8/20/2022 10:00 | 14.61 | 343986.7 | 40.7 | 0 | 0.33 | 7.78 | 5.03 |
| 8/20/2022 11:00 | 14.6 | 339961.8 | 38.97 | 0 | 0.33 | 5.13 | 4.56 |
| 8/20/2022 12:00 | 14.59 | 337825.7 | 42.95 | 0 | 0.33 | 4.07 | 4.47 |
| 8/20/2022 13:00 | 14.58 | 337328.7 | 42.36 | 0 | 0.33 | 4.9 | 4.39 |
| 8/20/2022 14:00 | 14.56 | 338815.5 | 42.67 | 0 | 0.33 | 5.09 | 4.45 |
| 8/20/2022 15:00 | 14.54 | 343961.1 | 36.54 | 0 | 0.33 | 4.88 | 4.37 |
| 8/20/2022 16:00 | 14.57 | 348992.9 | 38.19 | 0 | 0.33 | 5.53 | 4.77 |
| 8/20/2022 17:00 | 14.55 | 351892.9 | 36.59 | 0 | 0.33 | 5.42 | 4.87 |
| 8/20/2022 18:00 | 14.56 | 351223 | 36.25 | 0 | 0.33 | 6.16 | 4.95 |
| 8/20/2022 19:00 | 14.59 | 352158.8 | 35.83 | 0.01 | 0.33 | 6.67 | 7.28 |
| 8/20/2022 20:00 | 14.56 | 355418.6 | 35.49 | 0 | 0.33 | 5.71 | 4.99 |
| 8/20/2022 21:00 | 14.57 | 355652.3 | 33.24 | 0 | 0.33 | 5.47 | 5.4 |
| 8/20/2022 22:00 | 15.81 | 269646.9 | 28.64 | 5.26 | 1.79 | 4.09 | 4.66 |
| 8/20/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 4.79 |
| 8/21/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.07 |
| 8/21/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 4.86 |
| 8/21/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.34 |
| 8/21/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.4 |
| 8/21/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.3 |
| 8/21/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.34 |
| 8/21/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/21/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/21/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/21/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/21/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/21/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.34 |
| 8/21/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.34 |
| 8/21/2022 19:00 | 14.65 | 329940 | 40.88 | 0 | 0.33 | 6.62 | 8.91 |
| 8/21/2022 20:00 | 14.64 | 327029.9 | 37.79 | 0 | 0.33 | 6.22 | 9.98 |
| 8/21/2022 21:00 | 14.76 | 323172.3 | 34.56 | 0 | 0.55 | 10.39 | 5.53 |
| 8/21/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.63 |
| 8/21/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.5 |
| 8/22/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.02 |
| 8/22/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.82 |
| 8/22/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.87 |
| 8/22/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.44 |
| 8/22/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.81 |
| 8/22/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/22/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/22/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.01 |
| 8/22/2022 8:00 | 15.24 | 281304 | 1.32 | 1.23 | 0.34 | 7.37 | 5.09 |
| 8/22/2022 9:00 | 14.7 | 319934.1 | 46.2 | 0.03 | 0.34 | 6.31 | 5.24 |
| 8/22/2022 10:00 | 14.54 | 350790.6 | 41.75 | 0 | 0.33 | 6.79 | 5.14 |
| 8/22/2022 11:00 | 14.55 | 346191.1 | 39.05 | 0 | 0.33 | 6.88 | 5.56 |
| 8/22/2022 12:00 | 14.56 | 343595.1 | 44.05 | 0 | 0.33 | 6.81 | 6.42 |
| 8/22/2022 13:00 | 14.53 | 344083.4 | 39.6 | 0 | 0.33 | 6.57 | 7.84 |
| 8/22/2022 14:00 | 14.57 | 345198.5 | 42.38 | 0 | 0.33 | 6.68 | 5.17 |
| 8/22/2022 15:00 | 14.57 | 344192.7 | 43.94 | 0 | 0.33 | 6.57 | 5.45 |
| 8/22/2022 16:00 | 14.56 | 344808.8 | 43.59 | 0 | 0.33 | 6.61 | 6.38 |
| 8/22/2022 17:00 | 14.6 | 342991.2 | 41.25 | 0 | 0.33 | 7.8 | 7.03 |
| 8/22/2022 18:00 | 14.68 | 340072.8 | 36.46 | 0 | 0.34 | 10.84 | 6.63 |
| 8/22/2022 19:00 | 14.62 | 335222 | 43.64 | 0 | 0.33 | 6.57 | 5.55 |
| 8/22/2022 20:00 | 14.64 | 324837.9 | 52.46 | 0 | 0.33 | 6.02 | 0.33 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK1
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|-----------------|---|----------------|------------------|---------------|------|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 8/26/2022 0:00 | 14.61 | 334847.5 | 37.28 | 0 | 0.33 | 4.31 | 6.22 |
| 8/26/2022 1:00 | 14.61 | 337316.5 | 42.28 | 0 | 0.33 | 4.94 | 6.08 |
| 8/26/2022 2:00 | 14.64 | 334147.8 | 42.89 | 0 | 0.33 | 5.06 | 6.74 |
| 8/26/2022 3:00 | 14.62 | 337495.7 | 41.56 | 0 | 0.33 | 4.94 | 6.42 |
| 8/26/2022 4:00 | 14.6 | 337495.2 | 39.12 | 0 | 0.33 | 4.93 | 6.2 |
| 8/26/2022 5:00 | 14.82 | 299030.3 | 36.63 | 0.01 | 0.74 | 5.95 | 6.01 |
| 8/26/2022 6:00 | 14.81 | 301800.8 | 36.21 | 0 | 0.41 | 5.38 | 6.59 |
| 8/26/2022 7:00 | 14.83 | 304454.6 | 35.82 | 0 | 0.42 | 5.47 | 8.33 |
| 8/26/2022 8:00 | 14.78 | 300522.9 | 43.68 | 0 | 0.34 | 6.1 | 6.22 |
| 8/26/2022 9:00 | 14.78 | 325184.9 | 43 | 0 | 0.34 | 7.47 | 6.43 |
| 8/26/2022 10:00 | 14.6 | 359434.9 | 36.42 | 0 | 0.33 | 6.76 | 6.22 |
| 8/26/2022 11:00 | 14.66 | 350568.8 | 40.23 | 0.02 | 0.33 | 6.96 | 6.08 |
| 8/26/2022 12:00 | 14.64 | 340769.4 | 38.63 | 0 | 0.33 | 6.41 | 5.71 |
| 8/26/2022 13:00 | 14.56 | 339634.7 | 47.8 | 0 | 0.33 | 5.51 | 6.74 |
| 8/26/2022 14:00 | 14.56 | 340818 | 39.77 | 0 | 0.33 | 4.65 | 6.14 |
| 8/26/2022 15:00 | 14.64 | 328837.2 | 35.91 | 0 | 0.33 | 6.42 | 5.09 |
| 8/26/2022 16:00 | 14.68 | 335895.8 | 38.68 | 0 | 0.34 | 5.87 | 5.68 |
| 8/26/2022 17:00 | 14.64 | 345949.4 | 40.76 | 0 | 0.33 | 5.63 | 5.57 |
| 8/26/2022 18:00 | 14.69 | 346077.4 | 38.01 | 0 | 0.34 | 7.38 | 5.61 |
| 8/26/2022 19:00 | 14.73 | 342951.3 | 36.14 | 0 | 0.34 | 9.67 | 6.42 |
| 8/26/2022 20:00 | 14.65 | 339634.6 | 38.63 | 0 | 0.34 | 4.83 | 5.8 |
| 8/26/2022 21:00 | 14.65 | 337842.7 | 38.87 | 0 | 0.33 | 4.75 | 6.18 |
| 8/26/2022 22:00 | 14.7 | 328064.4 | 41.81 | 0 | 0.34 | 4.97 | 6.12 |
| 8/26/2022 23:00 | 14.82 | 301288.8 | 35.65 | 0 | 0.48 | 5.33 | 6.01 |
| 8/27/2022 0:00 | 14.82 | 302861.8 | 35.14 | 0 | 0.48 | 5.23 | 5.8 |
| 8/27/2022 1:00 | 14.81 | 302483.4 | 34.57 | 0 | 0.39 | 5.31 | 5.82 |
| 8/27/2022 2:00 | 14.8 | 303370.9 | 36.47 | 0 | 0.46 | 5.31 | 5.64 |
| 8/27/2022 3:00 | 14.82 | 299946.6 | 31.84 | 0 | 0.44 | 5.38 | 5.96 |
| 8/27/2022 4:00 | 14.8 | 297340.7 | 31.2 | 0.02 | 0.59 | 5.84 | 6.2 |
| 8/27/2022 5:00 | 14.85 | 293705.5 | 29.32 | 0 | 0.98 | 5.69 | 6.2 |
| 8/27/2022 6:00 | 14.88 | 292886.3 | 25.93 | 0 | 0.9 | 5.98 | 4.42 |
| 8/27/2022 7:00 | 14.86 | 296877 | 28.16 | 0 | 0.91 | 5.85 | 4.8 |
| 8/27/2022 8:00 | 14.81 | 307865.9 | 33.62 | 0.03 | 0.36 | 5.21 | 0.33 |
| 8/27/2022 9:00 | 14.81 | 314592.3 | 32.05 | 0 | 0.34 | 7.11 | 4.14 |
| 8/27/2022 10:00 | 14.59 | 352741.9 | 38.84 | 0 | 0.33 | 5.65 | 0.32 |
| 8/27/2022 11:00 | 14.63 | 343592.3 | 42.25 | 0 | 0.33 | 4.94 | 4.31 |
| 8/27/2022 12:00 | 14.58 | 344399.2 | 41.87 | 0 | 0.33 | 4.68 | 4.67 |
| 8/27/2022 13:00 | 14.54 | 345807.2 | 36.7 | 0 | 0.33 | 4.59 | 4.96 |
| 8/27/2022 14:00 | 14.61 | 341799.3 | 41.55 | 0 | 0.33 | 4.75 | 5.03 |
| 8/27/2022 15:00 | 14.59 | 339916.3 | 43.07 | 0 | 0.33 | 4.63 | 4.91 |
| 8/27/2022 16:00 | 14.56 | 340792.4 | 45.23 | 0 | 0.33 | 4.48 | 5.04 |
| 8/27/2022 17:00 | 14.61 | 342479.2 | 44.92 | 0 | 0.33 | 5.17 | 5.05 |
| 8/27/2022 18:00 | 14.68 | 343850.2 | 36.62 | 0 | 0.34 | 9.19 | 5.03 |
| 8/27/2022 19:00 | 14.71 | 341170.7 | 38.67 | 0 | 0.34 | 7.4 | 5.19 |
| 8/27/2022 20:00 | 14.61 | 337814.3 | 36.67 | 0 | 0.33 | 4.22 | 5.22 |
| 8/27/2022 21:00 | 14.6 | 339788.3 | 41.27 | 0 | 0.33 | 4.19 | 5.57 |
| 8/27/2022 22:00 | 14.57 | 260714.8 | 34.91 | 4.79 | 1.27 | 40.78 | 5.09 |
| 8/27/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.19 |
| 8/28/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 4.97 |
| 8/28/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 4.91 |
| 8/28/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 7.86 |
| 8/28/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.51 |
| 8/28/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.45 |
| 8/28/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.34 |
| 8/28/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 5.46 |
| 8/28/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.32 |
| 8/28/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |
| 8/28/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | 0.33 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodicity: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|----------|---|----------------|-------------------|---------------|--|
| | FLOW @ 1 ATM | | | | | | |
| | Q2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 9/1/2022 0:00 | 14.81 | 304537.1 | 33.82 | 0.00 | 0.34 | 5.44 | |
| 9/1/2022 1:00 | 14.82 | 302457.8 | 31.67 | 0.02 | 0.4 | 5.84 | |
| 9/1/2022 2:00 | 14.8 | 305524.2 | 34.04 | 0 | 0.42 | 5.94 | |
| 9/1/2022 3:00 | 14.82 | 301369.9 | 31.09 | 0 | 0.38 | 5.58 | |
| 9/1/2022 4:00 | 14.82 | 302412.3 | 31.91 | 0 | 0.35 | 5.88 | |
| 9/1/2022 5:00 | 14.85 | 298725.9 | 28.06 | 0.01 | 0.44 | 6.61 | |
| 9/1/2022 6:00 | 14.85 | 299152.6 | 28.16 | 0 | 0.44 | 6.51 | |
| 9/1/2022 7:00 | 14.87 | 297181.3 | 26.44 | 0 | 0.47 | 6.84 | |
| 9/1/2022 8:00 | 14.68 | 350429.4 | 35.33 | 0 | 0.34 | 11.12 | |
| 9/1/2022 9:00 | 14.65 | 346873.8 | 41.43 | 0 | 0.33 | 6.35 | |
| 9/1/2022 10:00 | 14.63 | 345525.6 | 42.72 | 0 | 0.33 | 5.31 | |
| 9/1/2022 11:00 | 14.55 | 348894.3 | 39.16 | 0 | 0.33 | 5.31 | |
| 9/1/2022 12:00 | 14.52 | 346765.8 | 41.04 | 0 | 0.33 | 4.51 | |
| 9/1/2022 13:00 | 14.42 | 352531.4 | 36.04 | 0 | 0.32 | 4.38 | |
| 9/1/2022 14:00 | 14.45 | 349433.8 | 37.76 | 0 | 0.32 | 4.94 | |
| 9/1/2022 15:00 | 14.51 | 342052.5 | 41.39 | 0 | 0.33 | 4.62 | |
| 9/1/2022 16:00 | 14.59 | 341924.5 | 45.27 | 0 | 0.33 | 4.88 | |
| 9/1/2022 17:00 | 14.63 | 341984.3 | 43.87 | 0 | 0.33 | 5.41 | |
| 9/1/2022 18:00 | 14.64 | 341879 | 42.1 | 0 | 0.33 | 5.47 | |
| 9/1/2022 19:00 | 14.62 | 338511.2 | 40.79 | 0 | 0.33 | 4.62 | |
| 9/1/2022 20:00 | 14.62 | 338317.8 | 40.55 | 0 | 0.33 | 4.78 | |
| 9/1/2022 21:00 | 14.6 | 341742.3 | 35.62 | 0 | 0.33 | 4.54 | |
| 9/1/2022 22:00 | 14.66 | 344956.7 | 35.61 | 0 | 0.33 | 6.21 | |
| 9/1/2022 23:00 | 14.73 | 329494.3 | 32.24 | 0 | 0.38 | 9.61 | |
| 9/2/2022 0:00 | 14.78 | 306795.6 | 37.23 | 0 | 0.35 | 5.62 | |
| 9/2/2022 1:00 | 14.77 | 308555.9 | 37.09 | 0 | 0.34 | 5.57 | |
| 9/2/2022 2:00 | 14.81 | 304500.2 | 32.44 | 0 | 0.34 | 5.81 | |
| 9/2/2022 3:00 | 14.81 | 302551.7 | 32.44 | 0 | 0.35 | 5.67 | |
| 9/2/2022 4:00 | 14.82 | 302084.1 | 30.88 | 0 | 0.34 | 5.62 | |
| 9/2/2022 5:00 | 14.84 | 300094.1 | 26.21 | 0 | 0.33 | 5.95 | |
| 9/2/2022 6:00 | 14.85 | 297701.9 | 26.21 | 0 | 0.3 | 6.38 | |
| 9/2/2022 7:00 | 14.84 | 301604.5 | 23.85 | 0 | 0.34 | 12.03 | |
| 9/2/2022 8:00 | 14.62 | 347695 | 35.17 | 0 | 0.33 | 6.06 | |
| 9/2/2022 9:00 | 14.63 | 343103.9 | 42.2 | 0 | 0.33 | 5.45 | |
| 9/2/2022 10:00 | 14.56 | 344638.1 | 41.37 | 0 | 0.33 | 4.47 | |
| 9/2/2022 11:00 | 14.5 | 344586.2 | 37.13 | 0 | 0.33 | 4.44 | |
| 9/2/2022 12:00 | 14.5 | 344444.7 | 38.85 | 0 | 0.33 | 4.46 | |
| 9/2/2022 13:00 | 14.47 | 345072.2 | 37.73 | 0 | 0.32 | 4.46 | |
| 9/2/2022 14:00 | 14.37 | 357466.6 | 33.19 | 0 | 0.32 | 4.13 | |
| 9/2/2022 15:00 | 14.5 | 345898.2 | 42.41 | 0 | 0.33 | 4.68 | |
| 9/2/2022 16:00 | 14.63 | 343116.3 | 45.28 | 0 | 0.33 | 4.91 | |
| 9/2/2022 17:00 | 14.69 | 345835.6 | 40.13 | 0 | 0.34 | 6.11 | |
| 9/2/2022 18:00 | 14.69 | 334625.7 | 39.09 | 0 | 0.34 | 5.3 | |
| 9/2/2022 19:00 | 14.66 | 337393.3 | 37.32 | 0 | 0.33 | 4.52 | |
| 9/2/2022 20:00 | 14.68 | 338764.3 | 37.32 | 0 | 0.33 | 4.51 | |
| 9/2/2022 21:00 | 14.66 | 339481.1 | 43.32 | 0 | 0.33 | 4.47 | |
| 9/2/2022 22:00 | 14.68 | 340926.6 | 46.06 | 0 | 0.34 | 4.8 | |
| 9/2/2022 23:00 | 14.54 | 364020.2 | 32.66 | 0 | 0.33 | 5.86 | |
| 9/3/2022 0:00 | 14.39 | 377915.3 | 32.63 | 0 | 0.32 | 4.58 | |
| 9/3/2022 1:00 | 14.4 | 378248.1 | 32.63 | 0 | 0.32 | 4.58 | |
| 9/3/2022 2:00 | 14.39 | 378196.9 | 32.58 | 0.01 | 0.32 | 4.73 | |
| 9/3/2022 3:00 | 14.38 | 377539.6 | 32.51 | 0 | 0.32 | 4.54 | |
| 9/3/2022 4:00 | 14.38 | 377130.8 | 32.51 | 0 | 0.32 | 4.54 | |
| 9/3/2022 5:00 | 14.39 | 377298 | 32.56 | 0 | 0.32 | 4.82 | |
| 9/3/2022 6:00 | 14.4 | 377534.1 | 32.59 | 0.02 | 0.32 | 4.82 | |
| 9/3/2022 7:00 | 14.48 | 366619.4 | 31.42 | 0 | 0.32 | 4.72 | |
| 9/3/2022 8:00 | 14.59 | 352323.8 | 41.21 | 0 | 0.33 | 7.34 | |
| 9/3/2022 9:00 | 14.59 | 348424 | 42.41 | 0 | 0.33 | 5.35 | |
| 9/3/2022 10:00 | 14.55 | 347673.1 | 40.68 | 0 | 0.33 | 4.86 | |
| 9/3/2022 11:00 | 14.56 | 344261.6 | 40.68 | 0 | 0.34 | 4.65 | |
| 9/3/2022 12:00 | 14.56 | 343224.4 | 48.43 | 0 | 0.33 | 4.47 | |
| 9/3/2022 13:00 | 14.51 | 345408.9 | 38.36 | 0 | 0.33 | 4.7 | |
| 9/3/2022 14:00 | 14.38 | 355259.3 | 34.44 | 0 | 0.32 | 3.97 | |
| 9/3/2022 15:00 | 14.5 | 340964.4 | 42.63 | 0 | 0.34 | 3.67 | |
| 9/3/2022 16:00 | 14.47 | 347727.2 | 37.89 | 0 | 0.32 | 3.92 | |
| 9/3/2022 17:00 | 14.63 | 341091.1 | 39.51 | 0 | 0.33 | 4.76 | |
| 9/3/2022 18:00 | 14.67 | 338162.2 | 33.96 | 0 | 0.33 | 4.71 | |
| 9/3/2022 19:00 | 14.63 | 334770.7 | 43.19 | 0 | 0.33 | 4.68 | |
| 9/3/2022 20:00 | 14.67 | 335393.7 | 47.51 | 0 | 0.33 | 4.41 | |
| 9/3/2022 21:00 | 14.66 | 336187.3 | 47.62 | 0 | 0.33 | 4.48 | |
| 9/3/2022 22:00 | 14.61 | 339129.6 | 43.16 | 0 | 0.33 | 4.16 | |
| 9/3/2022 23:00 | 14.48 | 370514 | 28.01 | 0 | 0.32 | 5.84 | |
| 9/4/2022 0:00 | 14.3 | 366657.3 | 16.89 | 0 | 0.32 | 6.06 | |
| 9/4/2022 1:00 | 14.27 | 396919 | 17.08 | 0 | 0.31 | 6.08 | |
| 9/4/2022 2:00 | 14.27 | 397438.5 | 17.08 | 0 | 0.31 | 6.14 | |
| 9/4/2022 3:00 | 14.28 | 397894.6 | 17.81 | 0 | 0.31 | 6.09 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodicity: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|----------|---|----------------|-------------------|---------------|--|
| | FLOW @ 1 ATM | | | | | | |
| | Q2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 9/7/2022 8:00 | 14.51 | 345710.5 | 34.57 | 1.84 | 0.33 | 5.36 | |
| 9/7/2022 9:00 | 14.5 | 335369.5 | 33.13 | 1.69 | 0.33 | 4.23 | |
| 9/7/2022 10:00 | 14.49 | 342945.7 | 37.78 | 1.56 | 0.33 | 4.12 | |
| 9/7/2022 11:00 | 14.45 | 353549.8 | 39.03 | 1.63 | 0.32 | 4.12 | |
| 9/7/2022 12:00 | 14.43 | 352153 | 36.76 | 1.57 | 0.32 | 4.13 | |
| 9/7/2022 13:00 | 14.45 | 353293.8 | 38.96 | 1.53 | 0.32 | 4.77 | |
| 9/7/2022 14:00 | 14.48 | 346558.7 | 43.12 | 1.3 | 0.32 | 4.27 | |
| 9/7/2022 15:00 | 14.48 | 348916.2 | 41.38 | 1.56 | 0.32 | 4.3 | |
| 9/7/2022 16:00 | 14.52 | 341503.5 | 40.02 | 1.48 | 0.33 | 4.5 | |
| 9/7/2022 17:00 | 14.53 | 329648.3 | 33.72 | 1.67 | 0.33 | 4.37 | |
| 9/7/2022 18:00 | 14.56 | 325044.0 | 36.3 | 1.49 | 0.33 | 4.35 | |
| 9/7/2022 19:00 | 14.55 | 327781.9 | 37.19 | 1.51 | 0.33 | 4.36 | |
| 9/7/2022 20:00 | 14.56 | 328069.2 | 38.93 | 1.43 | 0.33 | 4.32 | |
| 9/7/2022 21:00 | 14.58 | 325318.6 | 44.44 | 1.52 | 0.33 | 4.36 | |
| 9/7/2022 22:00 | 14.57 | 325233.3 | 45.72 | 1.46 | 0.33 | 4.3 | |
| 9/7/2022 23:00 | 14.4 | 367819.8 | 29.68 | 1.56 | 0.32 | 4.64 | |
| 9/8/2022 0:00 | 14.37 | 373779.4 | 31.37 | 0.21 | 0.32 | 3.63 | |
| 9/8/2022 1:00 | 14.36 | 379724.3 | 28.44 | 0.2 | 0.32 | 3.95 | |
| 9/8/2022 2:00 | 14.33 | 380313.1 | 29.19 | 0.24 | 0.32 | 3.65 | |
| 9/8/2022 3:00 | 14.34 | 378926.4 | 31.36 | 0.34 | 0.32 | 3.65 | |
| 9/8/2022 4:00 | 14.3 | 378788.5 | 28.85 | 0.36 | 0.32 | 3.55 | |
| 9/8/2022 5:00 | 14.29 | 378842.6 | 27.86 | 0.32 | 0.32 | 3.57 | |
| 9/8/2022 6:00 | 14.32 | 378603.6 | 28.34 | 0.53 | 0.32 | 3.69 | |
| 9/8/2022 7:00 | 14.46 | 367652.5 | 31.31 | 1.36 | 0.35 | 11.53 | |
| 9/8/2022 8:00 | 14.5 | 365182.5 | 37.52 | 1.25 | 0.33 | 5.93 | |
| 9/8/2022 9:00 | 14.47 | 350292.9 | 36.22 | 1.35 | 0.32 | 3.97 | |
| 9/8/2022 10:00 | 14.39 | 364766.7 | 34.96 | 1.65 | 0.32 | 4.34 | |
| 9/8/2022 11:00 | 14.72 | 395172.5 | 30.74 | 1.47 | 0.31 | 4.85 | |
| 9/8/2022 12:00 | 14.35 | 368522.9 | 35.27 | 1.69 | 0.32 | 5.42 | |
| 9/8/2022 13:00 | 14.44 | 344052.2 | 35.21 | 1.7 | 0.32 | 5.88 | |
| 9/8/2022 14:00 | 14.46 | 349072.6 | 36.7 | 1.77 | 0.32 | 6.42 | |
| 9/8/2022 15:00 | 14.54 | 349903.2 | 38.94 | 1.87 | 0.33 | 6.59 | |
| 9/8/2022 16:00 | 14.58 | 345104.6 | 39.68 | 1.98 | 0.33 | 11.9 | |
| 9/8/2022 17:00 | 14.53 | 342456.4 | 45.97 | 1.81 | 0.33 | 4.32 | |
| 9/8/2022 18:00 | 14.55 | 341440.9 | 47.05 | 1.87 | 0.33 | 4.25 | |
| 9/8/2022 19:00 | 14.56 | 341119.5 | 45.61 | 1.83 | 0.33 | 4.48 | |
| 9/8/2022 20:00 | 14.6 | 339501 | 44.92 | 1.82 | 0.33 | 4.38 | |
| 9/8/2022 21:00 | 14.6 | 340902.7 | 45.63 | 1.98 | 0.33 | 4.52 | |
| 9/8/2022 22:00 | 14.58 | 340434 | 44.86 | 1.83 | 0.33 | 4.58 | |
| 9/8/2022 23:00 | 14.65 | 325472.3 | 37.48 | 1.87 | 0.38 | 7.18 | |
| 9/9/2022 0:00 | 14.7 | 307100 | 34.97 | 2.05 | 0.35 | 5.01 | |
| 9/9/2022 1:00 | 14.7 | 307287.7 | 33.6 | 2.02 | 0.32 | 5.08 | |
| 9/9/2022 2:00 | 14.71 | 305228.3 | 30.74 | 1.89 | 0.36 | 5.07 | |
| 9/9/2022 3:00 | 14.73 | 300882 | 29.68 | 2.09 | 0.34 | 5.11 | |
| 9/9/2022 4:00 | 14.72 | 300370 | 30.09 | 1.93 | 0.34 | 5.18 | |
| 9/9/2022 5:00 | 14.77 | 296726.3 | 26.41 | 2.09 | 0.31 | 5.72 | |
| 9/9/2022 6:00 | 14.76 | 298924.9 | 27.37 | 1.96 | 0.41 | 5.23 | |
| 9/9/2022 7:00 | 14.78 | 299778.4 | 27.81 | 2.11 | 0.37 | 5.46 | |
| 9/9/2022 8:00 | 14.56 | 349325.8 | 40.63 | 1.86 | 0.33 | 5.73 | |
| 9/9/2022 9:00 | 14.54 | 344259.8 | 44.61 | 1.83 | 0.33 | 5.81 | |
| 9/9/2022 10:00 | 14.51 | 347189.6 | 41.06 | 1.25 | 0.33 | 3.81 | |
| 9/9/2022 11:00 | 14.47 | 357239 | 35.28 | 0.67 | 0.32 | 4.02 | |
| 9/9/2022 12:00 | 14.46 | 354900.2 | 34.55 | 0.42 | 0.32 | 3.94 | |
| 9/9/2022 13:00 | 14.44 | 351843.1 | 36.93 | 0.29 | 0.32 | 4.6 | |
| 9/9/2022 14:00 | 14.39 | 354061.8 | 34.57 | 0.4 | 0.32 | 3.65 | |
| 9/9/2022 15:00 | 14.45 | 346782.8 | 39.41 | 0.41 | 0.32 | 4.54 | |
| 9/9/2022 16:00 | 14.45 | 347116.9 | 40.87 | 0.48 | 0.32 | 3.76 | |
| 9/9/2022 17:00 | 14.49 | 338653.4 | 42.72 | 0.21 | 0.33 | 3.16 | |
| 9/9/2022 18:00 | 14.49 | 340436.9 | 42.39 | 0.18 | 0.33 | 3.04 | |
| 9/9/2022 19:00 | 14.53 | 338570.9 | 40.58 | 0.21 | 0.33 | 3.24 | |
| 9/9/2022 20:00 | 14.52 | 341216.3 | 42.2 | 0.25 | 0.33 | 3.05 | |
| 9/9/2022 21:00 | 14.59 | 339418.6 | 45.44 | 0.59 | 0.33 | 3.77 | |
| 9/9/2022 22:00 | 14.64 | 336411.1 | 44.5 | 1.14 | 0.33 | 4.35 | |
| 9/9/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/10/2022 8:00 | 14.66 | 333604.3 | 39.51 | 2.26 | 0.88 | 16.99 | |
| 9/10/2022 9:00 | 14.53 | 341777.9 | 45.06 | 1.81 | 0.33 | 6 | |
| 9/10/2022 10:00 | 14.52 | 341166.2 | 44.06 | 1.81 | 0.33 | 6.39 | |
| 9/10/2022 11:00 | 14.51 | 339909.1 | 40.09 | 1.71 | 0.33 | 6.41 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|----------|---|------|-------|-------|------|
| | FLOW @ 1 ATM | | HRSG1_NOx@7%O2 HRSG1_SOx@7%O2 HRSG1_Dust (7%O2) HRSG1_CO@7%O2 | | | | |
| | Q2 | 25C | ppm | ppm | mg/m3 | ppm | ppm |
| 9/13/2022 16:00 | 14.49 | 339883.1 | 45.58 | 1.36 | 0.33 | 6.12 | 5.81 |
| 9/13/2022 17:00 | 14.56 | 339171.1 | 48.31 | 1.4 | 0.33 | 6.48 | 6.11 |
| 9/13/2022 18:00 | 14.61 | 340115.6 | 45.87 | 1.3 | 0.33 | 8.2 | 6.31 |
| 9/13/2022 19:00 | 14.61 | 335911.1 | 47.18 | 1.26 | 0.33 | 7.19 | 5.42 |
| 9/13/2022 20:00 | 14.58 | 334951.3 | 46.39 | 1.18 | 0.33 | 6.17 | 4.91 |
| 9/13/2022 21:00 | 14.58 | 335166.1 | 40.92 | 1.27 | 0.33 | 6.21 | 4.99 |
| 9/13/2022 22:00 | 14.58 | 334739.4 | 40.18 | 1.31 | 0.33 | 6.39 | 4.85 |
| 9/13/2022 23:00 | 14.57 | 344911.9 | 35.66 | 1.47 | 0.33 | 6.29 | 4.67 |
| 9/14/2022 0:00 | 14.33 | 371779.8 | 32.24 | 1.28 | 0.32 | 5.64 | 4.67 |
| 9/14/2022 1:00 | 14.33 | 372030.1 | 32.24 | 1.43 | 0.32 | 5.54 | 4.72 |
| 9/14/2022 2:00 | 14.32 | 372690 | 32.23 | 1.31 | 0.32 | 5.54 | 4.69 |
| 9/14/2022 3:00 | 14.32 | 372731.2 | 32.23 | 1.4 | 0.32 | 5.44 | 4.75 |
| 9/14/2022 4:00 | 14.31 | 372325.9 | 32.17 | 1.53 | 0.32 | 5.46 | 4.91 |
| 9/14/2022 5:00 | 14.31 | 371389.2 | 32.17 | 1.45 | 0.32 | 5.38 | 4.77 |
| 9/14/2022 6:00 | 14.32 | 372090.9 | 32.21 | 1.47 | 0.32 | 5.34 | 5.07 |
| 9/14/2022 7:00 | 14.36 | 369114.6 | 33.28 | 1.62 | 0.32 | 5.59 | 4.52 |
| 9/14/2022 8:00 | 14.49 | 356163.5 | 37.07 | 1.38 | 0.33 | 7.12 | 4.84 |
| 9/14/2022 9:00 | 14.57 | 344931.8 | 39.94 | 1.52 | 0.33 | 7.1 | 4.3 |
| 9/14/2022 10:00 | 14.53 | 346906.5 | 41.27 | 1.48 | 0.33 | 5.93 | 4.97 |
| 9/14/2022 11:00 | 14.53 | 343389.4 | 42.91 | 1.57 | 0.33 | 5.92 | 5.24 |
| 9/14/2022 12:00 | 14.53 | 341406 | 42.66 | 1.46 | 0.33 | 6.02 | 5.31 |
| 9/14/2022 13:00 | 14.48 | 341574.6 | 40.89 | 1.5 | 0.33 | 5.82 | 5.31 |
| 9/14/2022 14:00 | 14.45 | 343417.8 | 38.31 | 1.45 | 0.33 | 5.86 | 5.07 |
| 9/14/2022 15:00 | 14.52 | 341733.9 | 43.83 | 1.52 | 0.33 | 6.01 | 5.31 |
| 9/14/2022 16:00 | 14.59 | 343878.6 | 42.46 | 1.36 | 0.33 | 6.94 | 5.09 |
| 9/14/2022 17:00 | 14.57 | 335134.8 | 40.89 | 1.41 | 0.33 | 6.33 | 5.18 |
| 9/14/2022 18:00 | 14.57 | 343489.3 | 48.07 | 1.48 | 0.33 | 6.48 | 5.07 |
| 9/14/2022 19:00 | 14.59 | 333780.8 | 48.29 | 1.46 | 0.33 | 5.91 | 5.09 |
| 9/14/2022 20:00 | 14.6 | 333267.5 | 46.65 | 1.53 | 0.33 | 5.95 | 5.09 |
| 9/14/2022 21:00 | 14.59 | 331948.2 | 37.33 | 1.57 | 0.33 | 5.7 | 5.09 |
| 9/14/2022 22:00 | 14.55 | 335757.8 | 37.33 | 1.44 | 0.33 | 5.58 | 5.09 |
| 9/14/2022 23:00 | 14.47 | 355330.4 | 37.3 | 1.49 | 0.32 | 5.58 | 5.09 |
| 9/15/2022 0:00 | 14.32 | 371868.2 | 32.2 | 1.32 | 0.32 | 5.25 | 5.09 |
| 9/15/2022 1:00 | 14.32 | 371923.2 | 32.21 | 1.4 | 0.32 | 5.23 | 5.09 |
| 9/15/2022 2:00 | 14.33 | 372362.9 | 32.25 | 1.54 | 0.32 | 5.36 | 5.09 |
| 9/15/2022 3:00 | 14.32 | 372368.1 | 32.2 | 1.75 | 0.32 | 5.2 | 5.09 |
| 9/15/2022 4:00 | 14.32 | 371784.2 | 32.2 | 1.56 | 0.32 | 5.31 | 5.09 |
| 9/15/2022 5:00 | 14.32 | 371923.2 | 32.2 | 1.61 | 0.32 | 5.44 | 5.09 |
| 9/15/2022 6:00 | 14.32 | 371868.4 | 32.22 | 1.62 | 0.32 | 5.56 | 5.09 |
| 9/15/2022 7:00 | 14.42 | 362546.7 | 32.32 | 1.85 | 0.32 | 6.62 | 5.09 |
| 9/15/2022 8:00 | 14.55 | 361891.7 | 33.6 | 1.84 | 0.33 | 11.46 | 5.09 |
| 9/15/2022 9:00 | 14.51 | 350076.3 | 37.36 | 1.67 | 0.33 | 6.07 | 5.09 |
| 9/15/2022 10:00 | 14.5 | 347610.6 | 38.51 | 1.56 | 0.33 | 5.7 | 5.09 |
| 9/15/2022 11:00 | 14.49 | 345511.3 | 39.3 | 1.5 | 0.33 | 5.57 | 5.09 |
| 9/15/2022 12:00 | 14.49 | 342963.2 | 45.68 | 1.07 | 0.33 | 5.47 | 5.09 |
| 9/15/2022 13:00 | 14.47 | 341722.6 | 43.5 | 1.43 | 0.32 | 5.5 | 5.09 |
| 9/15/2022 14:00 | 14.52 | 344037.9 | 40.62 | 1.38 | 0.33 | 5.85 | 5.09 |
| 9/15/2022 15:00 | 14.5 | 352841.5 | 35.83 | 1.55 | 0.33 | 6.18 | 5.09 |
| 9/15/2022 16:00 | 14.49 | 350076.5 | 38.76 | 1.72 | 0.33 | 6.21 | 5.09 |
| 9/15/2022 17:00 | 14.55 | 345077.6 | 38.76 | 1.71 | 0.33 | 6.84 | 5.09 |
| 9/15/2022 18:00 | 14.57 | 343571.4 | 38.19 | 1.72 | 0.33 | 6.94 | 5.09 |
| 9/15/2022 19:00 | 14.57 | 346908.4 | 36.08 | 1.67 | 0.33 | 6.86 | 5.09 |
| 9/15/2022 20:00 | 14.55 | 34688.3 | 36.3 | 0.98 | 0.33 | 6.82 | 5.09 |
| 9/15/2022 21:00 | 14.51 | 349706.9 | 34.27 | 0.93 | 0.33 | 7.76 | 5.09 |
| 9/15/2022 22:00 | 14.55 | 347391.1 | 35.48 | 1.34 | 0.33 | 7.23 | 5.09 |
| 9/15/2022 23:00 | 14.49 | 355048.3 | 35.48 | 1.48 | 0.33 | 6.91 | 5.09 |
| 9/16/2022 0:00 | 14.31 | 372087 | 32.15 | 1.43 | 0.32 | 5.23 | 5.09 |
| 9/16/2022 1:00 | 14.3 | 372294.6 | 32.12 | 1.54 | 0.32 | 5.4 | 5.09 |
| 9/16/2022 2:00 | 14.29 | 372283.3 | 32.07 | 1.46 | 0.32 | 5.1 | 5.09 |
| 9/16/2022 3:00 | 14.29 | 372032.9 | 32.07 | 1.58 | 0.32 | 5.02 | 5.09 |
| 9/16/2022 4:00 | 14.29 | 371636 | 32.09 | 1.62 | 0.32 | 4.9 | 5.09 |
| 9/16/2022 5:00 | 14.3 | 372129.7 | 32.14 | 1.72 | 0.32 | 4.86 | 5.09 |
| 9/16/2022 6:00 | 14.3 | 371742.8 | 32.14 | 1.69 | 0.32 | 4.93 | 5.09 |
| 9/16/2022 7:00 | 14.41 | 371749.3 | 32.14 | 1.83 | 0.33 | 5.19 | 5.09 |
| 9/16/2022 8:00 | 14.55 | 348736.9 | 36.7 | 1.98 | 0.33 | 6.68 | 5.09 |
| 9/16/2022 9:00 | 14.52 | 346700.3 | 37.52 | 1.72 | 0.33 | 5.35 | 5.09 |
| 9/16/2022 10:00 | 14.51 | 343915.6 | 39.46 | 1.53 | 0.33 | 5.49 | 5.09 |
| 9/16/2022 11:00 | 14.46 | 346569.5 | 38.5 | 1.52 | 0.32 | 5.55 | 5.09 |
| 9/16/2022 12:00 | 14.41 | 349920.3 | 34.11 | 1.42 | 0.32 | 5.45 | 5.09 |
| 9/16/2022 13:00 | 14.45 | 347036 | 36.3 | 1.4 | 0.32 | 5.33 | 5.09 |
| 9/16/2022 14:00 | 14.38 | 350179.5 | 33.66 | 1.35 | 0.32 | 5.37 | 5.09 |
| 9/16/2022 15:00 | 14.41 | 347169.7 | 37.62 | 1.31 | 0.32 | 5.23 | 5.09 |
| 9/16/2022 16:00 | 14.48 | 340579.1 | 40.82 | 1.28 | 0.32 | 5.23 | 5.09 |
| 9/16/2022 17:00 | 14.53 | 339894.5 | 45.23 | 1.26 | 0.33 | 5.22 | 5.09 |
| 9/16/2022 18:00 | 14.53 | 341662.8 | 40.82 | 1.21 | 0.33 | 5.69 | 5.09 |
| 9/16/2022 19:00 | 14.63 | 337993.9 | 39.61 | 1.25 | 0.33 | 6.71 | 5.09 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|----------|---|----------|----------|----------|--|
| | FLOW @ 1 ATM | | HRSG1_NOx@7%O2 HRSG1_SOx@7%O2 HRSG1_Dust (7%O2) HRSG1_CO@7%O2 | | | | |
| | Q2 | 25C | ppm | ppm | mg/m3 | ppm | |
| 9/20/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/20/2022 8:00 | 14.71 | 339901.8 | 41.39 | 1.5 | 0.61 | 18.59 | |
| 9/20/2022 9:00 | 14.54 | 350915.9 | 38.06 | 0.77 | 0.33 | 9.4 | |
| 9/20/2022 10:00 | 14.51 | 347820.6 | 35.87 | 0.83 | 0.33 | 8.49 | |
| 9/20/2022 11:00 | 14.51 | 347316.2 | 39.18 | 1.58 | 0.33 | 9.06 | |
| 9/20/2022 12:00 | 14.55 | 342566.2 | 49.2 | 1.7 | 0.33 | 8.21 | |
| 9/20/2022 13:00 | 14.52 | 339916.3 | 46.29 | 1.65 | 0.33 | 8.11 | |
| 9/20/2022 14:00 | 14.54 | 342887.6 | 46.56 | 1.74 | 0.33 | 8.53 | |
| 9/20/2022 15:00 | 14.49 | 344416.7 | 39.5 | 1.96 | 0.33 | 10.84 | |
| 9/20/2022 16:00 | 14.57 | 349192.1 | 42.22 | 1.69 | 0.33 | 9.24 | |
| 9/20/2022 17:00 | 14.6 | 346490.9 | 39.52 | 1.62 | 0.33 | 10.89 | |
| 9/20/2022 18:00 | 14.61 | 344755.7 | 41.71 | 1.84 | 0.33 | 9.06 | |
| 9/20/2022 19:00 | 14.64 | 350179.5 | 37.12 | 2.02 | 0.33 | 12.71 | |
| 9/20/2022 20:00 | 14.66 | 349386 | 37.8 | 2.07 | 0.33 | 12.71 | |
| 9/20/2022 21:00 | 14.61 | 343140.9 | 40.05 | 2.02 | 0.33 | 9.28 | |
| 9/20/2022 22:00 | 14.59 | 341617.3 | 42.25 | 2.05 | 0.33 | 8.15 | |
| 9/20/2022 23:00 | 14.58 | 340965.7 | 40.48 | 2.09 | 0.33 | 8.08 | |
| 9/21/2022 0:00 | 14.59 | 339392.1 | 44.05 | 2.18 | 0.33 | 8.23 | |
| 9/21/2022 1:00 | 14.54 | 340462.5 | 42.28 | 1.84 | 0.33 | 7.87 | |
| 9/21/2022 2:00 | 14.53 | 339156.9 | 43.76 | 1.19 | 0.33 | 7.67 | |
| 9/21/2022 3:00 | 14.55 | 336801.4 | 38.35 | 0.88 | 0.33 | 7.67 | |
| 9/21/2022 4:00 | 14.49 | 339614.8 | 39.52 | 0.78 | 0.33 | 7.45 | |
| 9/21/2022 5:00 | 14.5 | 338807.9 | 40.17 | 0.71 | 0.33 | 7.6 | |
| 9/21/2022 6:00 | 14.52 | 338704.6 | 39.34 | 0.84 | 0.33 | 7.47 | |
| 9/21/2022 7:00 | 14.57 | 346294.1 | 36.58 | 0.74 | 0.33 | 9.02 | |
| 9/21/2022 8:00 | 14.53 | 353837 | 34.34 | 1.78 | 0.33 | 8.64 | |
| 9/21/2022 9:00 | 14.5 | 354735.9 | 34.32 | 1.75 | 0.33 | 7.97 | |
| 9/21/2022 10:00 | 14.55 | 347692.2 | 38.18 | 1.83 | 0.33 | 8.16 | |
| 9/21/2022 11:00 | 14.4 | 355378.7 | 32.58 | 1.65 | 0.32 | 7.46 | |
| 9/21/2022 12:00 | 14.4 | 350653.2 | 33.08 | 1.68 | 0.32 | 7.18 | |
| 9/21/2022 13:00 | 14.31 | 354403.1 | 32.75 | 0.81 | 0.33 | 6.34 | |
| 9/21/2022 14:00 | 14.38 | 352481.4 | 36.66 | 0.43 | 0.32 | 6.36 | |
| 9/21/2022 15:00 | 14.45 | 344334.1 | 37.5 | 0.28 | 0.32 | 6.83 | |
| 9/21/2022 16:00 | 14.55 | 342694.4 | 41.73 | 1.1 | 0.33 | 7.95 | |
| 9/21/2022 17:00 | 14.6 | 343599.8 | 38.34 | 1.46 | 0.33 | 8.16 | |
| 9/21/2022 18:00 | 14.58 | 350030.9 | 38.74 | 1.59 | 0.33 | 8.54 | |
| 9/21/2022 19:00 | 14.64 | 337691.7 | 41.26 | 1.66 | 0.33 | 8.76 | |
| 9/21/2022 20:00 | 14.63 | 335851.4 | 44.39 | 1.66 | 0.33 | 7.74 | |
| 9/21/2022 21:00 | 14.62 | 337146.5 | 42.72 | 1.65 | 0.33 | 7.49 | |
| 9/21/2022 22:00 | 14.59 | 338822.3 | 40.11 | 0.9 | 0.33 | 7.53 | |
| 9/21/2022 23:00 | 14.58 | 339340.4 | 43.83 | 1.54 | 0.33 | 7.54 | |
| 9/22/2022 0:00 | 14.57 | 338224.2 | 41.43 | 1.65 | 0.33 | 7.59 | |
| 9/22/2022 1:00 | 14.59 | 338691.3 | 43.26 | 1.31 | 0.33 | 7.54 | |
| 9/22/2022 2:00 | 14.56 | 338229.6 | 43.26 | 1.34 | 0.33 | 7.42 | |
| 9/22/2022 3:00 | 14.55 | 339069 | 43.95 | 1.71 | 0.33 | 7.59 | |
| 9/22/2022 4:00 | 14.6 | 336527.4 | 42.73 | 1.87 | 0.33 | 7.78 | |
| 9/22/2022 5:00 | 14.62 | 335204.1 | 40.9 | 1.83 | 0.33 | 7.55 | |
| 9/22/2022 6:00 | 14.56 | 339897.9 | 43.83 | 1.59 | 0.33 | 7.98 | |
| 9/22/2022 7:00 | 14.57 | 339456.9 | 41.64 | 1.61 | 0.33 | 8.07 | |
| 9/22/2022 8:00 | 14.47 | 358220.3 | 35.54 | 0.92 | 0.32 | 7.5 | |
| 9/22/2022 9:00 | 14.45 | 358673.7 | 32.86 | 1.61 | 0.32 | 8.03 | |
| 9/22/2022 10:00 | 14.53 | 345483.2 | 35.38 | 1.91 | 0.33 | 8.65 | |
| 9/22/2022 11:00 | 14.48 | 352332.7 | 35.39 | 1.54 | 0.32 | 7.2 | |
| 9/22/2022 12:00 | 14.45 | 352662.8 | 34.59 | 1.76 | 0.32 | 7.36 | |
| 9/22/2022 13:00 | 14.46 | 348188.1 | 34.34 | 1.65 | 0.32 | 6.85 | |
| 9/22/2022 14:00 | 14.52 | 348133.3 | 35.39 | 1.76 | 0.33 | 7.36 | |
| 9/22/2022 15:00 | 14.6 | 344326.3 | 40.1 | 1.71 | 0.33 | 9.94 | |
| 9/22/2022 16:00 | 14.65 | 345849.8 | 40.46 | 1.74 | 0.33 | 12.59 | |
| 9/22/2022 17:00 | 14.66 | 340774.2 | 38.41 | 1.79 | 0.33 | 13.42 | |
| 9/22/2022 18:00 | 14.55 | 339506.7 | 39.97 | 1.85 | 0.33 | 13.45 | |
| 9/22/2022 19:00 | 14.61 | 336091.8 | 44 | 1.73 | 0.33 | 6.69 | |
| 9/22/2022 20:00 | 14.58 | 338777.1 | 42.4 | 1.98 | 0.33 | 7.3 | |
| 9/22/2022 21:00 | 14.58 | 338530.8 | 44 | 0.63 | 0.33 | 5.92 | |
| 9/22/2022 22:00 | 14.62 | 336620.7 | 42.31 | 0.32 | 0.33 | 5.92 | |
| 9/22/2022 23:00 | 14.59 | 339973.6 | 42.62 | 1.71 | 0.33 | 6.23 | |
| 9/23/2022 0:00 | 14.61 | 336896.9 | 43.99 | 1.97 | 0.33 | 7.02 | |
| 9/23/2022 1:00 | 14.57 | 339695.8 | 40.85 | 1.87 | 0.33 | 6.63 | |
| 9/23/2022 2:00 | 14.57 | 339082.1 | 45.69 | 1.89 | 0.33 | 6.63 | |
| 9/23/2022 3:00 | 14.59 | 339943.5 | 44.29 | 2 | 0.33 | 6.32 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|----------|---|----------------|------------------|---------------|--|
| | FLOW @1 ATM | | | | | | |
| | O2 | 25C | HRSG1_NoX@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 9/26/2022 8:00 | 14.72 | 337438.2 | 40.13 | 2.7 | 1.44 | 24 | |
| 9/26/2022 9:00 | 14.61 | 349157.4 | 40.53 | 2.28 | 0.33 | 14.87 | |
| 9/26/2022 10:00 | 14.65 | 344413.4 | 40.28 | 2.23 | 0.33 | 15.87 | |
| 9/26/2022 11:00 | 14.49 | 355016.3 | 34.96 | 2.08 | 0.33 | 14.11 | |
| 9/26/2022 12:00 | 14.52 | 347815.7 | 38.39 | 2.05 | 0.33 | 12.87 | |
| 9/26/2022 13:00 | 14.52 | 350430.3 | 35.89 | 1.73 | 0.33 | 12.39 | |
| 9/26/2022 14:00 | 14.58 | 348501.7 | 37.34 | 2.05 | 0.33 | 13.59 | |
| 9/26/2022 15:00 | 14.56 | 342924.3 | 43.28 | 2.05 | 0.33 | 12.09 | |
| 9/26/2022 16:00 | 14.57 | 341112.6 | 46.56 | 2.2 | 0.33 | 12.35 | |
| 9/26/2022 17:00 | 14.59 | 338434.4 | 45.43 | 2.05 | 0.33 | 12.2 | |
| 9/26/2022 18:00 | 14.6 | 336628.2 | 45.54 | 2.17 | 0.33 | 12.33 | |
| 9/26/2022 19:00 | 14.59 | 337372.4 | 46.46 | 1.63 | 0.33 | 12.09 | |
| 9/26/2022 20:00 | 14.61 | 334588.3 | 42.32 | 1.15 | 0.33 | 11.81 | |
| 9/26/2022 21:00 | 14.61 | 325682.7 | 50.69 | 1.37 | 0.33 | 11.49 | |
| 9/26/2022 22:00 | 14.52 | 323088.7 | 51.16 | 1.85 | 0.33 | 11.8 | |
| 9/26/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/27/2022 8:00 | 15.7 | 267966.8 | 79 | 2.21 | 1.46 | 75.53 | |
| 9/27/2022 9:00 | 14.67 | 341833.8 | 44.48 | 2.46 | 0.33 | 16.76 | |
| 9/27/2022 11:00 | 14.53 | 341961.1 | 36.54 | 2.29 | 0.33 | 14.23 | |
| 9/27/2022 12:00 | 14.52 | 345994.7 | 41.68 | 2.23 | 0.33 | 13.89 | |
| 9/27/2022 13:00 | 14.51 | 346170.4 | 39 | 2.27 | 0.33 | 14.16 | |
| 9/27/2022 14:00 | 14.52 | 341573.7 | 39.12 | 1.57 | 0.33 | 14.54 | |
| 9/27/2022 15:00 | 14.49 | 345114.8 | 40.84 | 0.93 | 0.33 | 13.03 | |
| 9/27/2022 16:00 | 14.55 | 342523.7 | 37.97 | 0.59 | 0.33 | 13.13 | |
| 9/27/2022 17:00 | 14.59 | 342199 | 37.02 | 0.59 | 0.33 | 14.59 | |
| 9/27/2022 18:00 | 14.64 | 341549.5 | 36.32 | 0.73 | 0.33 | 14.77 | |
| 9/27/2022 19:00 | 14.62 | 344659 | 30.89 | 0.48 | 0.33 | 15.66 | |
| 9/27/2022 20:00 | 14.61 | 346047.8 | 27.23 | 0.3 | 0.33 | 15.19 | |
| 9/27/2022 21:00 | 14.51 | 345938.6 | 31.32 | 0.46 | 0.33 | 14.2 | |
| 9/27/2022 22:00 | 14.62 | 337678.9 | 41.72 | 1.13 | 0.33 | 13.15 | |
| 9/27/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/28/2022 8:00 | 14.65 | 335016.7 | 40.64 | 2.06 | 0.33 | 29.63 | |
| 9/28/2022 9:00 | 14.65 | 347447.1 | 36.18 | 2.44 | 0.33 | 20.17 | |
| 9/28/2022 10:00 | 14.65 | 334517.6 | 37.59 | 2.4 | 0.33 | 18.7 | |
| 9/28/2022 11:00 | 14.58 | 337919.5 | 35.99 | 2.35 | 0.33 | 15.89 | |
| 9/28/2022 12:00 | 14.58 | 348994.2 | 34.87 | 2.46 | 0.33 | 16.27 | |
| 9/28/2022 13:00 | 14.54 | 352924 | 35.25 | 2.46 | 0.33 | 16.04 | |
| 9/28/2022 14:00 | 14.59 | 347988.9 | 33.88 | 2.47 | 0.33 | 15.95 | |
| 9/28/2022 15:00 | 14.59 | 350103.8 | 35.03 | 2.61 | 0.33 | 14.99 | |
| 9/28/2022 16:00 | 14.7 | 343615.1 | 34.2 | 2.75 | 0.34 | 22.49 | |
| 9/28/2022 17:00 | 14.63 | 335754.2 | 44.07 | 2.75 | 0.33 | 16.18 | |
| 9/28/2022 18:00 | 14.59 | 337985.5 | 43.3 | 2.77 | 0.33 | 13.92 | |
| 9/28/2022 19:00 | 14.6 | 336961.4 | 45.48 | 2.79 | 0.33 | 13.86 | |
| 9/28/2022 20:00 | 14.59 | 338249.5 | 47.01 | 2.63 | 0.33 | 13.88 | |
| 9/28/2022 21:00 | 14.6 | 338034.8 | 46.28 | 2.72 | 0.33 | 13.73 | |
| 9/28/2022 22:00 | 14.6 | 337261.8 | 44.67 | 2.75 | 0.33 | 13.61 | |
| 9/28/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 9/29/2022 8:00 | 14.8 | 326974.6 | 43 | 3.75 | 1.33 | 30.88 | |
| 9/29/2022 9:00 | 14.58 | 340178.8 | 45.7 | 2.95 | 0.33 | 16.29 | |
| 9/29/2022 10:00 | 14.58 | 339941.9 | 40.21 | 2.82 | 0.33 | 16.29 | |
| 9/29/2022 11:00 | 14.52 | 343349.6 | 37.73 | 2.93 | 0.33 | 15.86 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/10/2022 00:00-31/10/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|----------|---|----------------|------------------|---------------|--|
| | FLOW @ 1 ATM | | HRSG1_NoX@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | O2 | 25C | | | | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/1/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/1/2022 10:00 | 14.63 | 347725.9 | 40.69 | 1.93 | 0.33 | 17.63 | |
| 10/1/2022 11:00 | 14.55 | 352166.9 | 37.2 | 2.14 | 0.33 | 18.23 | |
| 10/1/2022 12:00 | 14.51 | 350102 | 39.13 | 2.07 | 0.33 | 17.52 | |
| 10/1/2022 13:00 | 14.43 | 356055.7 | 36.85 | 2.02 | 0.32 | 15.5 | |
| 10/1/2022 14:00 | 14.53 | 346322 | 44.46 | 1.89 | 0.33 | 16.87 | |
| 10/1/2022 15:00 | 14.55 | 345374.8 | 43.98 | 1.83 | 0.33 | 16.46 | |
| 10/1/2022 16:00 | 14.62 | 342940.4 | 40.45 | 1.84 | 0.33 | 17.02 | |
| 10/1/2022 17:00 | 14.67 | 344348.3 | 38.46 | 1.85 | 0.33 | 18.02 | |
| 10/1/2022 18:00 | 14.68 | 347796.8 | 34.69 | 1.91 | 0.34 | 19.26 | |
| 10/1/2022 19:00 | 14.62 | 344407.2 | 44.01 | 1.96 | 0.33 | 16.05 | |
| 10/1/2022 20:00 | 14.66 | 339107.2 | 45.04 | 2 | 0.33 | 16.12 | |
| 10/1/2022 21:00 | 14.66 | 340983.2 | 42.54 | 2.1 | 0.33 | 15.93 | |
| 10/1/2022 22:00 | 14.65 | 340983 | 43.33 | 2.13 | 0.33 | 15.99 | |
| 10/1/2022 23:00 | 14.36 | 389290.2 | 29.52 | 1.89 | 0.32 | 16.88 | |
| 10/2/2022 0:00 | 14.27 | 338967.4 | 31.06 | 1.82 | 0.31 | 15.75 | |
| 10/2/2022 1:00 | 14.25 | 399439.8 | 30.99 | 1.89 | 0.31 | 15.52 | |
| 10/2/2022 2:00 | 14.25 | 399519 | 28.53 | 1.92 | 0.31 | 15.51 | |
| 10/2/2022 3:00 | 14.24 | 399428.6 | 28.4 | 2.02 | 0.31 | 15.46 | |
| 10/2/2022 4:00 | 14.23 | 398983 | 26.01 | 2 | 0.31 | 15.37 | |
| 10/2/2022 5:00 | 14.23 | 399103.5 | 22.25 | 1.72 | 0.31 | 15.14 | |
| 10/2/2022 6:00 | 14.24 | 399818.1 | 23.25 | 1.8 | 0.31 | 15.2 | |
| 10/2/2022 7:00 | 14.27 | 397773.3 | 26.44 | 1.97 | 0.31 | 14.78 | |
| 10/2/2022 8:00 | 14.28 | 398021.2 | 21.11 | 1.89 | 0.31 | 14.84 | |
| 10/2/2022 9:00 | 14.28 | 395085.3 | 25.77 | 1.89 | 0.31 | 14.67 | |
| 10/2/2022 10:00 | 14.27 | 392659 | 24.65 | 1.78 | 0.31 | 14.69 | |
| 10/2/2022 11:00 | 14.26 | 388314 | 27.35 | 1.8 | 0.31 | 14.69 | |
| 10/2/2022 12:00 | 14.25 | 389514.9 | 27.5 | 1.85 | 0.31 | 14.64 | |
| 10/2/2022 13:00 | 14.24 | 389586.7 | 27.56 | 1.86 | 0.31 | 14.59 | |
| 10/2/2022 14:00 | 14.23 | 393038.4 | 24.61 | 1.88 | 0.31 | 14.61 | |
| 10/2/2022 15:00 | 14.24 | 393170.8 | 25.55 | 1.94 | 0.31 | 14.58 | |
| 10/2/2022 16:00 | 14.24 | 394008.8 | 25.76 | 1.88 | 0.31 | 14.54 | |
| 10/2/2022 17:00 | 14.3 | 388553.3 | 30.1 | 1.88 | 0.32 | 14.12 | |
| 10/2/2022 18:00 | 14.7 | 338950 | 28.76 | 2.33 | 0.34 | 28.96 | |
| 10/2/2022 19:00 | 14.69 | 318632.5 | 40.75 | 2.22 | 0.34 | 14.8 | |
| 10/2/2022 20:00 | 14.69 | 318636.3 | 44.92 | 2.13 | 0.34 | 14.55 | |
| 10/2/2022 21:00 | 14.69 | 316478.3 | 44.63 | 2.19 | 0.34 | 14.46 | |
| 10/2/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/2/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/3/2022 8:00 | 14.93 | 303266.5 | 34.85 | 3.41 | 10.08 | 42.9 | |
| 10/3/2022 9:00 | 14.7 | 331194.2 | 37.36 | 2.63 | 0.34 | 20.13 | |
| 10/3/2022 10:00 | 14.66 | 335643.1 | 36.61 | 2.62 | 0.33 | 19.22 | |
| 10/3/2022 11:00 | 14.6 | 346097.6 | 37.33 | 1.94 | 0.33 | 16.57 | |
| 10/3/2022 12:00 | 14.58 | 347810.9 | 33.9 | 1.29 | 0.33 | 18.09 | |
| 10/3/2022 13:00 | 14.53 | 351291.2 | 33 | 1.16 | 0.33 | 17.22 | |
| 10/3/2022 14:00 | 14.54 | 356022.5 | 36.33 | 1.09 | 0.33 | 16.53 | |
| 10/3/2022 15:00 | 14.6 | 354367.5 | 29.61 | 1.22 | 0.33 | 18.23 | |
| 10/3/2022 16:00 | 14.66 | 346609.9 | 35.44 | 2.14 | 0.33 | 20.49 | |
| 10/3/2022 17:00 | 14.61 | 347273.8 | 41.48 | 2.21 | 0.33 | 18.45 | |
| 10/3/2022 18:00 | 14.66 | 340966.3 | 41.77 | 2.27 | 0.33 | 16.05 | |
| 10/3/2022 19:00 | 14.66 | 341207.2 | 42.72 | 2.32 | 0.33 | 16.09 | |
| 10/3/2022 20:00 | 14.69 | 338533.9 | 41.11 | 2.36 | 0.34 | 16.39 | |
| 10/3/2022 21:00 | 14.7 | 338634.4 | 40.78 | 2.35 | 0.34 | 16.38 | |
| 10/3/2022 22:00 | 14.66 | 341104 | 43.41 | 2.44 | 0.33 | 16.09 | |
| 10/3/2022 23:00 | 14.78 | 312318 | 30.31 | 2.36 | 0.4 | 17.74 | |
| 10/4/2022 0:00 | 14.79 | 301912.2 | 30.53 | 2.36 | 0.45 | 16.26 | |
| 10/4/2022 1:00 | 14.78 | 303046.6 | 31.06 | 2.36 | 0.45 | 16.18 | |
| 10/4/2022 2:00 | 14.76 | 304801 | 32.27 | 2.38 | 0.45 | 16.07 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/10/2022 00:00-31/10/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|-----------------|---|----------------|------------------|---------------|-------|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/7/2022 6:00 | 14.85 | 294163.6 | 24.36 | 2.31 | 1.44 | 15.43 | 15.41 |
| 10/7/2022 7:00 | 14.85 | 299092.9 | 23.8 | 2.18 | 1.44 | 15.21 | 13.77 |
| 10/7/2022 8:00 | 14.77 | 316782.5 | 31.11 | 2.11 | 0.34 | 14.02 | 12.55 |
| 10/7/2022 9:00 | 14.68 | 338617.5 | 35.5 | 2.17 | 0.34 | 15.54 | 13.77 |
| 10/7/2022 10:00 | 14.67 | 351113.3 | 34.68 | 2.09 | 1.46 | 15.01 | 13.4 |
| 10/7/2022 11:00 | 14.57 | 349615.9 | 38.68 | 2.13 | 0.33 | 13.55 | 11.93 |
| 10/7/2022 12:00 | 14.54 | 347400.1 | 38.3 | 2.03 | 0.33 | 13.38 | 11.79 |
| 10/7/2022 13:00 | 14.51 | 351743.5 | 36.8 | 2.11 | 0.33 | 13.6 | 12.33 |
| 10/7/2022 14:00 | 14.47 | 347821.9 | 38.07 | 1.47 | 0.33 | 16.85 | 14.43 |
| 10/7/2022 15:00 | 14.64 | 344257.2 | 44.49 | 2.08 | 0.33 | 12.99 | 13.25 |
| 10/7/2022 16:00 | 14.67 | 340178.3 | 43.22 | 2.24 | 0.33 | 13.28 | 12.12 |
| 10/7/2022 17:00 | 14.67 | 338617.5 | 42.16 | 2.08 | 0.31 | 13.43 | 12.3 |
| 10/7/2022 18:00 | 14.63 | 338501.7 | 44.02 | 2.25 | 0.33 | 12.26 | 12.36 |
| 10/7/2022 19:00 | 14.66 | 339242.2 | 43.34 | 2.36 | 0.33 | 13.01 | 12.41 |
| 10/7/2022 20:00 | 14.67 | 339000.4 | 47.91 | 2.32 | 0.33 | 13.12 | 12.29 |
| 10/7/2022 21:00 | 14.69 | 342390.7 | 46.33 | 2.33 | 0.34 | 12.85 | 12.22 |
| 10/7/2022 22:00 | 14.63 | 342783.5 | 44.69 | 2.3 | 0.33 | 13.17 | 10.36 |
| 10/7/2022 23:00 | 14.83 | 314995.6 | 31.95 | 2.55 | 0.54 | 17.77 | 10.26 |
| 10/8/2022 0:00 | 14.85 | 304127.4 | 29.58 | 2.42 | 0.39 | 14.51 | 10.42 |
| 10/8/2022 1:00 | 14.82 | 305625.6 | 31.48 | 2.53 | 0.66 | 14.24 | 10.33 |
| 10/8/2022 2:00 | 14.81 | 304997.9 | 26.77 | 1.84 | 0.38 | 14.23 | 13.55 |
| 10/8/2022 3:00 | 14.81 | 302839 | 26.17 | 1.88 | 0.38 | 14.3 | 13.73 |
| 10/8/2022 4:00 | 14.82 | 302065.3 | 28.08 | 2.29 | 0.33 | 14.4 | 12.91 |
| 10/8/2022 5:00 | 14.86 | 297181.2 | 25.58 | 2.58 | 0.33 | 15.34 | 12.33 |
| 10/8/2022 6:00 | 14.92 | 294127.8 | 24.06 | 2.57 | 2.01 | 15.98 | 16.25 |
| 10/8/2022 7:00 | 14.88 | 295601.8 | 26.21 | 2.23 | 2.41 | 14.43 | 14.1 |
| 10/8/2022 8:00 | 14.83 | 312780.3 | 28.38 | 1.51 | 0.34 | 13.54 | 13.92 |
| 10/8/2022 9:00 | 14.82 | 334174.2 | 31.47 | 1.25 | 0.31 | 14.25 | 12.8 |
| 10/8/2022 10:00 | 14.57 | 344748.8 | 38.11 | 0.98 | 0.33 | 12.53 | 13.79 |
| 10/8/2022 11:00 | 14.57 | 348729 | 36.26 | 1.03 | 0.33 | 13.09 | 12.85 |
| 10/8/2022 12:00 | 14.57 | 350646.2 | 32.03 | 1.13 | 0.33 | 14.3 | 13.05 |
| 10/8/2022 13:00 | 14.51 | 351078.8 | 31.78 | 1.451 | 0.33 | 14.63 | 13.8 |
| 10/8/2022 14:00 | 14.53 | 353830.4 | 35.07 | 1.55 | 0.33 | 14.07 | 13.5 |
| 10/8/2022 15:00 | 14.57 | 350809.5 | 36.44 | 2.1 | 0.33 | 14.14 | 12.28 |
| 10/8/2022 16:00 | 14.63 | 341599.9 | 40.48 | 2.01 | 0.33 | 14.15 | 12.33 |
| 10/8/2022 17:00 | 14.69 | 337760 | 43.74 | 2.06 | 0.34 | 14.83 | 12.67 |
| 10/8/2022 18:00 | 14.71 | 337545.9 | 40.32 | 1.89 | 0.34 | 15.31 | 12.56 |
| 10/8/2022 19:00 | 14.66 | 335223 | 45.62 | 1.91 | 0.33 | 13.37 | 12.37 |
| 10/8/2022 20:00 | 14.67 | 334495.5 | 46.5 | 1.89 | 0.33 | 13.45 | 12.84 |
| 10/8/2022 21:00 | 14.68 | 335986.5 | 43.8 | 1.88 | 0.34 | 13.52 | 12.29 |
| 10/8/2022 22:00 | 14.71 | 333820.5 | 40.87 | 1.89 | 0.34 | 14.63 | 12.33 |
| 10/8/2022 23:00 | 14.35 | 387161.2 | 25.01 | 1.81 | 0.32 | 14.37 | 12.33 |
| 10/9/2022 0:00 | 14.29 | 397627 | 20.87 | 1.79 | 0.32 | 13.86 | 12.29 |
| 10/9/2022 1:00 | 14.27 | 397377.9 | 19.4 | 1.76 | 0.31 | 14.5 | 12.33 |
| 10/9/2022 2:00 | 14.27 | 397994 | 20.23 | 1.86 | 0.31 | 14.43 | 12.33 |
| 10/9/2022 3:00 | 14.27 | 398274.1 | 20.59 | 2.05 | 0.31 | 14.5 | 12.33 |
| 10/9/2022 4:00 | 14.26 | 398292.9 | 19.3 | 1.83 | 0.31 | 14.05 | 12.33 |
| 10/9/2022 5:00 | 14.26 | 397908.9 | 19.68 | 1.92 | 0.31 | 14.05 | 12.33 |
| 10/9/2022 6:00 | 14.26 | 397403 | 18.8 | 1.9 | 0.31 | 13.83 | 12.33 |
| 10/9/2022 7:00 | 14.26 | 397254.6 | 17.99 | 1.86 | 0.31 | 13.69 | 12.33 |
| 10/9/2022 8:00 | 14.27 | 398781.2 | 18.06 | 1.77 | 0.31 | 12.85 | 12.33 |
| 10/9/2022 9:00 | 14.28 | 393745.4 | 19.75 | 0.74 | 0.31 | 12.24 | 15.7 |
| 10/9/2022 10:00 | 14.28 | 389148 | 23.25 | 0.77 | 0.32 | 12.11 | 15.93 |
| 10/9/2022 11:00 | 14.25 | 386823.3 | 23.6 | 0.71 | 0.31 | 11.83 | 15.62 |
| 10/9/2022 12:00 | 14.2 | 385598.9 | 21.42 | 0.68 | 0.31 | 11.83 | 15.62 |
| 10/9/2022 13:00 | 14.19 | 386797.9 | 20.49 | 0.59 | 0.31 | 11.64 | 15.62 |
| 10/9/2022 14:00 | 13.86 | 388345.3 | 19.07 | 0.34 | 0.31 | 11.44 | 15.17 |
| 10/9/2022 15:00 | 14.18 | 389811.7 | 18.15 | 0.85 | 0.31 | 11.7 | 16.15 |
| 10/9/2022 16:00 | 14.17 | 390738.1 | 19.06 | 1.1 | 0.31 | 11.77 | 15.8 |
| 10/9/2022 17:00 | 14.24 | 382339.6 | 20.74 | 1.03 | 0.31 | 11.58 | 15.44 |
| 10/9/2022 18:00 | 14.61 | 338684.2 | 27.27 | 0.93 | 0.33 | 15.56 | 15.37 |
| 10/9/2022 19:00 | 14.61 | 336168.4 | 27.65 | 0.9 | 0.34 | 12.85 | 15.38 |
| 10/9/2022 20:00 | 14.67 | 317018.6 | 38.2 | 1.01 | 0.33 | 11.7 | 15.72 |
| 10/9/2022 21:00 | 14.66 | 323703 | 40.8 | 0.94 | 0.33 | 11.78 | 14.89 |
| 10/9/2022 22:00 | 14.58 | 359793.3 | 24.79 | 0.96 | 0.33 | 15.47 | 14.74 |
| 10/9/2022 23:00 | 14.25 | 398780.5 | 13.78 | 1.18 | 0.31 | 12.44 | 14.7 |
| 10/10/2022 0:00 | 14.23 | 398458.5 | 13.43 | 1.12 | 0.31 | 12.31 | 15.05 |
| 10/10/2022 1:00 | 14.23 | 398978.5 | 13.78 | 1.19 | 0.31 | 12.28 | 15.11 |
| 10/10/2022 2:00 | 14.22 | 399995.3 | 13.51 | 1.17 | 0.31 | 12.06 | 15.2 |
| 10/10/2022 3:00 | 14.22 | 397111.1 | 14.21 | 1.14 | 0.31 | 12.08 | 15.18 |
| 10/10/2022 4:00 | 14.23 | 399235.9 | 13.49 | 1.07 | 0.31 | 12.1 | 14.88 |
| 10/10/2022 5:00 | 14.23 | 399675.3 | 13.54 | 1.32 | 0.31 | 11.93 | 14.49 |
| 10/10/2022 6:00 | 14.24 | 401067.1 | 15.16 | 1.2 | 0.31 | 11.94 | 14.22 |
| 10/10/2022 7:00 | 14.25 | 400974.7 | 15.14 | 1.21 | 0.31 | 12.1 | 14.07 |
| 10/10/2022 8:00 | 14.35 | 381980 | 28.44 | 1.19 | 0.32 | 10.31 | 13.96 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/10/2022 00:00-31/10/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|---------------|---|----------------|------------------|---------------|--|
| | O2 | FLOW #1 AT 1M | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | | 25C | | | | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/13/2022 12:00 | 14.38 | 383629.8 | 32.49 | 2.01 | 0.32 | 13.7 | |
| 10/13/2022 13:00 | 14.36 | 382750.7 | 32.54 | 1.8 | 0.32 | 13.44 | |
| 10/13/2022 14:00 | 14.39 | 384478.7 | 32.42 | 1.92 | 0.32 | 13.54 | |
| 10/13/2022 15:00 | 14.38 | 387063 | 32.53 | 1.72 | 0.32 | 13.42 | |
| 10/13/2022 16:00 | 14.35 | 386866.7 | 32.08 | 1.05 | 0.32 | 13.06 | |
| 10/13/2022 17:00 | 14.37 | 390613.3 | 31.94 | 1.19 | 0.32 | 13.21 | |
| 10/13/2022 18:00 | 14.62 | 364113 | 36.89 | 1.81 | 0.33 | 15.15 | |
| 10/13/2022 19:00 | 14.72 | 338298.3 | 45.32 | 1.89 | 0.34 | 13.65 | |
| 10/13/2022 20:00 | 14.7 | 340055.9 | 59.63 | 2.15 | 0.34 | 13.65 | |
| 10/13/2022 21:00 | 14.71 | 336477.4 | 47.44 | 1.39 | 0.34 | 13.27 | |
| 10/13/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/13/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/14/2022 9:00 | 14.84 | 332696.1 | 32.7 | 2.92 | 0.34 | 25.05 | |
| 10/14/2022 10:00 | 14.69 | 350372.5 | 36.92 | 2.59 | 0.34 | 16.4 | |
| 10/14/2022 11:00 | 14.73 | 349304.9 | 42.87 | 2.48 | 0.34 | 16.58 | |
| 10/14/2022 12:00 | 14.68 | 349802.5 | 42.07 | 2.47 | 0.34 | 16.58 | |
| 10/14/2022 13:00 | 14.63 | 349968.7 | 39.49 | 2.51 | 0.33 | 16.23 | |
| 10/14/2022 14:00 | 14.7 | 347582.5 | 42.12 | 1.31 | 0.34 | 15.66 | |
| 10/14/2022 15:00 | 14.72 | 349561.6 | 41.6 | 1.84 | 0.34 | 15.6 | |
| 10/14/2022 16:00 | 14.76 | 345022.1 | 44.04 | 1.93 | 0.34 | 16.83 | |
| 10/14/2022 17:00 | 14.71 | 339930.4 | 44.21 | 0.94 | 0.34 | 15.54 | |
| 10/14/2022 18:00 | 14.74 | 336764.5 | 44.47 | 1.98 | 0.34 | 15.63 | |
| 10/14/2022 19:00 | 14.72 | 336787.5 | 45.45 | 2.07 | 0.34 | 15.63 | |
| 10/14/2022 20:00 | 14.75 | 336849 | 46.6 | 2.09 | 0.34 | 15.67 | |
| 10/14/2022 21:00 | 14.77 | 337094 | 48.19 | 2.13 | 0.34 | 15.39 | |
| 10/14/2022 22:00 | 14.75 | 341063.2 | 45.06 | 2.24 | 0.34 | 16.13 | |
| 10/14/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/15/2022 9:00 | 14.93 | 332562.9 | 34.04 | 2.77 | 0.42 | 24.33 | |
| 10/15/2022 10:00 | 14.79 | 352941.9 | 38.01 | 2.25 | 0.34 | 20.27 | |
| 10/15/2022 11:00 | 14.73 | 350744.3 | 41.47 | 1.49 | 0.34 | 16.49 | |
| 10/15/2022 12:00 | 14.73 | 350167.6 | 41.57 | 1.37 | 0.34 | 16.07 | |
| 10/15/2022 13:00 | 14.69 | 350204.7 | 40.39 | 1.14 | 0.34 | 15.97 | |
| 10/15/2022 14:00 | 14.7 | 346214.6 | 40.63 | 1.07 | 0.34 | 15.59 | |
| 10/15/2022 15:00 | 14.73 | 346918.8 | 40.38 | 1.26 | 0.34 | 15.94 | |
| 10/15/2022 16:00 | 14.78 | 344240.1 | 43.63 | 1.97 | 0.34 | 16.12 | |
| 10/15/2022 17:00 | 14.78 | 340756.3 | 43.69 | 2.15 | 0.34 | 16.65 | |
| 10/15/2022 18:00 | 14.78 | 340168.5 | 43.16 | 2.18 | 0.34 | 16.38 | |
| 10/15/2022 19:00 | 14.77 | 339515.7 | 41.62 | 2.1 | 0.34 | 16.12 | |
| 10/15/2022 20:00 | 14.7 | 343537.3 | 39.09 | 2.15 | 0.34 | 15.7 | |
| 10/15/2022 21:00 | 14.74 | 340468.8 | 45.57 | 2.23 | 0.34 | 15.68 | |
| 10/15/2022 22:00 | 14.75 | 342963.5 | 43.23 | 2.13 | 0.34 | 17.1 | |
| 10/15/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/16/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/10/2022 00:00-31/10/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|-----------------|---|----------------|------------------|---------------|------|
| | Q2 | FLOW #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/19/2022 18:00 | 14.8 | 345756 | 38.6 | 2.12 | 0.34 | 21.51 | 0.34 |
| 10/19/2022 19:00 | 14.78 | 341202 | 42.97 | 1.99 | 0.34 | 18.83 | 0.34 |
| 10/19/2022 20:00 | 14.73 | 338221 | 45.35 | 1.1 | 0.34 | 17.24 | 0.34 |
| 10/19/2022 21:00 | 14.73 | 337037.1 | 45.52 | 0.86 | 0.34 | 16.64 | 0.34 |
| 10/19/2022 22:00 | 14.7 | 337204.9 | 44.78 | 0.74 | 0.34 | 16.42 | 0.34 |
| 10/19/2022 23:00 | 14.82 | 313880.3 | 33.64 | 0.73 | 0.4 | 17.16 | 0.34 |
| 10/20/2022 0:00 | 14.87 | 303881.6 | 33.95 | 1.43 | 0.36 | 16.7 | 0.34 |
| 10/20/2022 1:00 | 14.87 | 305663.1 | 35.3 | 0.37 | 0.36 | 16.83 | 0.34 |
| 10/20/2022 2:00 | 14.92 | 303872.3 | 30.46 | 2.18 | 0.45 | 17.19 | 0.34 |
| 10/20/2022 3:00 | 14.92 | 298955.6 | 28.85 | 2.41 | 0.77 | 17.27 | 0.34 |
| 10/20/2022 4:00 | 14.89 | 300634.6 | 32.03 | 2.37 | 0.48 | 16.85 | 0.34 |
| 10/20/2022 5:00 | 14.93 | 296618.8 | 28.56 | 1.46 | 0.34 | 15.11 | 0.34 |
| 10/20/2022 6:00 | 14.94 | 295682.4 | 27.53 | 2.55 | 1.99 | 17.21 | 0.34 |
| 10/20/2022 7:00 | 14.94 | 297033.9 | 29.07 | 2.47 | 1.28 | 16.81 | 0.34 |
| 10/20/2022 8:00 | 14.89 | 314466.5 | 36.63 | 2.51 | 0.37 | 16.14 | 0.34 |
| 10/20/2022 9:00 | 14.81 | 342740.9 | 34.13 | 2.54 | 0.34 | 19.84 | 0.34 |
| 10/20/2022 10:00 | 14.72 | 355054.5 | 36.11 | 2.33 | 0.34 | 18.67 | 0.34 |
| 10/20/2022 11:00 | 14.7 | 352232.8 | 36.37 | 2.31 | 0.34 | 18.22 | 0.34 |
| 10/20/2022 12:00 | 14.67 | 348632.2 | 37.1 | 2.38 | 0.33 | 16.53 | 0.34 |
| 10/20/2022 13:00 | 14.62 | 351801.8 | 37.26 | 2.17 | 0.33 | 16.32 | 0.34 |
| 10/20/2022 14:00 | 14.66 | 350166 | 39.54 | 2.25 | 0.33 | 15.93 | 0.34 |
| 10/20/2022 15:00 | 14.67 | 348539.4 | 38.71 | 2.09 | 0.33 | 16.1 | 0.34 |
| 10/20/2022 16:00 | 14.72 | 345866.9 | 39.43 | 1.71 | 0.34 | 16.07 | 0.34 |
| 10/20/2022 17:00 | 14.76 | 34745.5 | 37.88 | 1.88 | 0.34 | 17.88 | 0.34 |
| 10/20/2022 18:00 | 14.76 | 352266.9 | 36.08 | 2.06 | 0.34 | 18.14 | 0.34 |
| 10/20/2022 19:00 | 14.74 | 338498.5 | 38.34 | 2.1 | 0.34 | 15.47 | 0.34 |
| 10/20/2022 20:00 | 14.75 | 336644.5 | 42.75 | 2.04 | 0.34 | 15.42 | 0.34 |
| 10/20/2022 21:00 | 14.73 | 338027.3 | 41.73 | 2.04 | 0.34 | 15.07 | 0.34 |
| 10/20/2022 22:00 | 14.76 | 334467.3 | 46.92 | 2.23 | 0.34 | 15.59 | 0.34 |
| 10/20/2022 23:00 | 14.88 | 311465.4 | 36.33 | 2.25 | 0.39 | 16.71 | 0.34 |
| 10/21/2022 0:00 | 14.92 | 300843.1 | 30.7 | 2.26 | 0.34 | 16.67 | 0.34 |
| 10/21/2022 1:00 | 14.89 | 303971.3 | 34.47 | 2.4 | 0.44 | 15.48 | 0.34 |
| 10/21/2022 2:00 | 14.87 | 302572.5 | 35.01 | 2.46 | 0.37 | 15.94 | 0.34 |
| 10/21/2022 3:00 | 14.88 | 299680.7 | 31.84 | 2.46 | 0.6 | 16.11 | 0.34 |
| 10/21/2022 4:00 | 14.89 | 297044.6 | 31.39 | 2.52 | 0.58 | 16.09 | 0.34 |
| 10/21/2022 5:00 | 14.9 | 296062.6 | 30.44 | 2.6 | 0.47 | 16.18 | 0.34 |
| 10/21/2022 6:00 | 14.92 | 296113.8 | 30.25 | 2.68 | 0.52 | 16.31 | 0.34 |
| 10/21/2022 7:00 | 14.92 | 295203.3 | 31.4 | 2.63 | 0.85 | 16.29 | 0.34 |
| 10/21/2022 8:00 | 14.9 | 312305.3 | 34.12 | 2.6 | 0.35 | 15.87 | 0.34 |
| 10/21/2022 9:00 | 14.89 | 332465.8 | 29.17 | 2.54 | 0.35 | 27.36 | 0.34 |
| 10/21/2022 10:00 | 14.71 | 353689.1 | 35.31 | 2.43 | 0.34 | 16.52 | 0.34 |
| 10/21/2022 11:00 | 14.74 | 348550.1 | 35.39 | 2.48 | 0.34 | 17.24 | 0.34 |
| 10/21/2022 12:00 | 14.68 | 350797.5 | 34.11 | 2.28 | 0.33 | 15.48 | 0.34 |
| 10/21/2022 13:00 | 14.67 | 347741.4 | 37 | 2.41 | 0.33 | 14.89 | 0.34 |
| 10/21/2022 14:00 | 14.68 | 346285.3 | 38.85 | 2.19 | 0.34 | 14.91 | 0.34 |
| 10/21/2022 15:00 | 14.72 | 344514.5 | 39.34 | 2.32 | 0.34 | 15.27 | 0.34 |
| 10/21/2022 16:00 | 14.76 | 342058.4 | 39.7 | 2.14 | 0.34 | 15.88 | 0.34 |
| 10/21/2022 17:00 | 14.79 | 343016.8 | 37.69 | 2.28 | 0.34 | 18.38 | 0.34 |
| 10/21/2022 18:00 | 14.78 | 346940.4 | 33.11 | 2.22 | 0.34 | 17.04 | 0.34 |
| 10/21/2022 19:00 | 14.73 | 339871.1 | 36.64 | 2.27 | 0.34 | 15.98 | 0.34 |
| 10/21/2022 20:00 | 14.74 | 344629.5 | 41.82 | 1.62 | 0.34 | 15.42 | 0.34 |
| 10/21/2022 21:00 | 14.75 | 339972 | 42.55 | 2.12 | 0.34 | 15.1 | 0.34 |
| 10/21/2022 22:00 | 14.74 | 335783.3 | 42.77 | 2.19 | 0.34 | 14.93 | 0.34 |
| 10/21/2022 23:00 | 14.87 | 308984.5 | 34.17 | 2.16 | 0.41 | 15.69 | 0.34 |
| 10/22/2022 0:00 | 14.89 | 297868.2 | 32.73 | 2.14 | 0.41 | 15.82 | 0.34 |
| 10/22/2022 1:00 | 14.88 | 298113.6 | 33.89 | 2.47 | 0.4 | 15.06 | 0.34 |
| 10/22/2022 2:00 | 14.84 | 298272.4 | 31.43 | 1.46 | 0.43 | 14.52 | 0.34 |
| 10/22/2022 3:00 | 14.85 | 295940.9 | 27.37 | 1.24 | 0.82 | 14.77 | 0.34 |
| 10/22/2022 4:00 | 14.83 | 294891.5 | 26.92 | 1.09 | 0.34 | 14.95 | 0.34 |
| 10/22/2022 5:00 | 14.91 | 286672.9 | 22.79 | 1.44 | 3.52 | 15.34 | 0.34 |
| 10/22/2022 6:00 | 14.93 | 284381 | 29.25 | 2.22 | 3.77 | 15.14 | 0.34 |
| 10/22/2022 7:00 | 14.93 | 285626.8 | 29.39 | 2.39 | 0.34 | 15.39 | 0.34 |
| 10/22/2022 8:00 | 14.91 | 293011.6 | 32.63 | 2.47 | 0.64 | 14.78 | 0.34 |
| 10/22/2022 9:00 | 14.86 | 320065.3 | 31.73 | 2.39 | 0.34 | 14.91 | 0.34 |
| 10/22/2022 10:00 | 14.72 | 339193.8 | 45.41 | 2.23 | 0.34 | 13.97 | 0.34 |
| 10/22/2022 11:00 | 14.71 | 340129.7 | 47.17 | 2.37 | 0.34 | 13.92 | 0.34 |
| 10/22/2022 12:00 | 14.69 | 339694.5 | 46.98 | 2.17 | 0.34 | 13.75 | 0.34 |
| 10/22/2022 13:00 | 14.66 | 339577.8 | 45.59 | 2.36 | 0.33 | 13.58 | 0.34 |
| 10/22/2022 14:00 | 14.65 | 338991.3 | 46.49 | 2.11 | 0.33 | 13.43 | 0.34 |
| 10/22/2022 15:00 | 14.65 | 338768.3 | 46.23 | 2.27 | 0.33 | 13.43 | 0.34 |
| 10/22/2022 16:00 | 14.69 | 338043.7 | 46.21 | 2.15 | 0.34 | 13.48 | 0.34 |
| 10/22/2022 17:00 | 14.75 | 335714.4 | 43.46 | 2.15 | 0.34 | 13.68 | 0.34 |
| 10/22/2022 18:00 | 14.78 | 337120.3 | 41.43 | 2.3 | 0.34 | 13.98 | 0.34 |
| 10/22/2022 19:00 | 14.75 | 334264.4 | 44.73 | 2.08 | 0.34 | 13.98 | 0.34 |
| 10/22/2022 20:00 | 14.74 | 335082.8 | 41.11 | 2.29 | 0.34 | 13.06 | 0.34 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/10/2022 00:00-31/10/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|-----------------|---|----------------|------------------|---------------|--|
| | Q2 | FLOW #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/26/2022 0:00 | 14.72 | 326589.9 | 33.76 | 1.25 | 0.34 | 17.02 | |
| 10/26/2022 1:00 | 14.76 | 301894.7 | 30.91 | 1.34 | 0.38 | 15.35 | |
| 10/26/2022 2:00 | 14.74 | 299749.1 | 33.5 | 1.38 | 0.36 | 14.95 | |
| 10/26/2022 3:00 | 14.75 | 296418.9 | 31.49 | 1.36 | 0.47 | 14.89 | |
| 10/26/2022 4:00 | 14.75 | 298912.3 | 30.93 | 1.36 | 0.34 | 14.99 | |
| 10/26/2022 5:00 | 14.78 | 297582.5 | 28.71 | 1.37 | 0.67 | 15.1 | |
| 10/26/2022 6:00 | 14.8 | 293900.5 | 26.34 | 1.3 | 0.9 | 15.19 | |
| 10/26/2022 7:00 | 14.77 | 297915.6 | 28.66 | 1.28 | 0.38 | 14.94 | |
| 10/26/2022 8:00 | 14.72 | 312060.8 | 33.09 | 1.2 | 0.34 | 14.54 | |
| 10/26/2022 9:00 | 14.64 | 334508.9 | 34.55 | 1.36 | 0.33 | 15.73 | |
| 10/26/2022 10:00 | 14.56 | 341014.5 | 37.54 | 1.22 | 0.33 | 15.9 | |
| 10/26/2022 11:00 | 14.64 | 341216.3 | 32.89 | 1.27 | 0.33 | 17.75 | |
| 10/26/2022 12:00 | 14.49 | 360287.3 | 34.42 | 1.22 | 0.33 | 14.83 | |
| 10/26/2022 13:00 | 14.45 | 349629.3 | 36.11 | 1.17 | 0.32 | 14.64 | |
| 10/26/2022 14:00 | 14.49 | 344841.5 | 38.65 | 1.21 | 0.33 | 14.28 | |
| 10/26/2022 15:00 | 14.51 | 343127.3 | 38.51 | 1.24 | 0.33 | 14.33 | |
| 10/26/2022 16:00 | 14.52 | 343889.9 | 38.47 | 1.21 | 0.33 | 14.38 | |
| 10/26/2022 17:00 | 14.61 | 342038.3 | 36.78 | 1.21 | 0.33 | 15.61 | |
| 10/26/2022 18:00 | 14.64 | 342716.2 | 33.61 | 1.23 | 0.33 | 16.98 | |
| 10/26/2022 19:00 | 14.59 | 341544.4 | 38.25 | 1.1 | 0.33 | 15.31 | |
| 10/26/2022 20:00 | 14.58 | 338288.3 | 40.9 | 1.19 | 0.33 | 14.18 | |
| 10/26/2022 21:00 | 14.59 | 337647.1 | 40.38 | 1.14 | 0.33 | 14.24 | |
| 10/26/2022 22:00 | 14.61 | 338051 | 37.75 | 1.17 | 0.33 | 14.63 | |
| 10/26/2022 23:00 | 14.67 | 315914.9 | 33.44 | 1.21 | 0.49 | 15.91 | |
| 10/27/2022 0:00 | 14.72 | 305912.2 | 29.18 | 1.27 | 0.42 | 14.72 | |
| 10/27/2022 1:00 | 14.7 | 307371.7 | 34.02 | 1.41 | 0.34 | 14.26 | |
| 10/27/2022 2:00 | 14.72 | 305820 | 29.98 | 1.06 | 0.41 | 14.31 | |
| 10/27/2022 3:00 | 14.75 | 301363.2 | 25.01 | 0.57 | 0.47 | 14.41 | |
| 10/27/2022 4:00 | 14.75 | 298873.8 | 21.81 | 0.27 | 0.38 | 14.44 | |
| 10/27/2022 5:00 | 14.75 | 297884 | 20.8 | 0.15 | 0.46 | 14.05 | |
| 10/27/2022 6:00 | 14.74 | 301618.7 | 24.78 | 0.13 | 0.46 | 13.42 | |
| 10/27/2022 7:00 | 14.75 | 301456.6 | 25.97 | 0.22 | 0.42 | 13.37 | |
| 10/27/2022 8:00 | 14.68 | 319234.9 | 35.13 | 0.3 | 0.34 | 12.83 | |
| 10/27/2022 9:00 | 14.58 | 341256.8 | 28.22 | 0.1 | 0.33 | 12.76 | |
| 10/27/2022 10:00 | 14.42 | 363059.7 | 29.21 | 0.03 | 0.32 | 14.53 | |
| 10/27/2022 11:00 | 14.41 | 363267 | 28.14 | 0.05 | 0.32 | 14.09 | |
| 10/27/2022 12:00 | 14.41 | 363405.8 | 23.14 | 0.12 | 0.32 | 12.67 | |
| 10/27/2022 13:00 | 14.46 | 346300.1 | 29.33 | 0.05 | 0.32 | 13.22 | |
| 10/27/2022 14:00 | 14.47 | 347629.3 | 31.74 | 0.31 | 0.32 | 13.3 | |
| 10/27/2022 15:00 | 14.48 | 346116.6 | 36.61 | 0.48 | 0.34 | 14.54 | |
| 10/27/2022 16:00 | 14.49 | 347019.5 | 35.67 | 0.6 | 0.33 | 13.99 | |
| 10/27/2022 17:00 | 14.58 | 345081.8 | 34.48 | 1.06 | 0.33 | 14.32 | |
| 10/27/2022 18:00 | 14.57 | 337876.7 | 42.02 | 1 | 0.33 | 13.52 | |
| 10/27/2022 19:00 | 14.62 | 338934.1 | 43.5 | 1.14 | 0.34 | 13.62 | |
| 10/27/2022 20:00 | 14.63 | 337371.5 | 40.95 | 1.01 | 0.33 | 13.59 | |
| 10/27/2022 21:00 | 14.62 | 338529.6 | 42.47 | 1.02 | 0.33 | 13.55 | |
| 10/27/2022 22:00 | 14.62 | 338202.7 | 41.91 | 1.17 | 0.33 | 13.61 | |
| 10/27/2022 23:00 | 14.76 | 312010.5 | 32.06 | 1.16 | 0.33 | 15.83 | |
| 10/28/2022 0:00 | 14.77 | 302336.9 | 29.99 | 1.01 | 0.34 | 14 | |
| 10/28/2022 1:00 | 14.78 | 303912.9 | 31.02 | 1.1 | 0.34 | 14.02 | |
| 10/28/2022 2:00 | 14.75 | 303945.6 | 33.7 | 1.21 | 0.34 | 14.15 | |
| 10/28/2022 3:00 | 14.78 | 301169.5 | 29.17 | 1.28 | 0.35 | 14.27 | |
| 10/28/2022 4:00 | 14.77 | 303311.2 | 30.84 | 1.28 | 0.34 | 14.1 | |
| 10/28/2022 5:00 | 14.81 | 299939.5 | 29.95 | 1.39 | 0.39 | 14.47 | |
| 10/28/2022 6:00 | 14.81 | 300656.8 | 29.47 | 1.54 | 0.35 | 14.42 | |
| 10/28/2022 7:00 | 14.81 | 297929.5 | 30.77 | 1.44 | 0.33 | 14.37 | |
| 10/28/2022 8:00 | 14.76 | 314157 | 34.94 | 1.3 | 0.34 | 13.57 | |
| 10/28/2022 9:00 | 14.71 | 335912.6 | 31.92 | 1.43 | 0.34 | 20.38 | |
| 10/28/2022 10:00 | 14.56 | 349857.7 | 36.86 | 1.38 | 0.33 | 13.34 | |
| 10/28/2022 11:00 | 14.56 | 347118.5 | 38.17 | 1.24 | 0.33 | 13.57 | |
| 10/28/2022 12:00 | 14.52 | 349895.3 | 37.49 | 1.34 | 0.33 | 13.58 | |
| 10/28/2022 13:00 | 14.57 | 345722 | 40.43 | 1.2 | 0.32 | 13.15 | |
| 10/28/2022 14:00 | 14.54 | 346122.9 | 40.39 | 1.34 | 0.33 | 13.3 | |
| 10/28/2022 15:00 | 14.54 | 345723.6 | 42.21 | 1.18 | 0.33 | 13.09 | |
| 10/28/2022 16:00 | 14.59 | 342870.7 | 42.69 | 1.26 | 0.33 | 13.21 | |
| 10/28/2022 17:00 | 14.64 | 341648.6 | 39.44 | 1.27 | 0.35 | 14.86 | |
| 10/28/2022 18:00 | 14.7 | 340116.6 | 37.57 | 1.14 | 0.34 | 17.72 | |
| 10/28/2022 19:00 | 14.63 | 336600.9 | 42.02 | 1.24 | 0.33 | 13.11 | |
| 10/28/2022 20:00 | 14.64 | 337264.4 | 41.57 | 0.37 | 0.33 | 12.8 | |
| 10/28/2022 21:00 | 14.63 | 338734 | 44.57 | 0.12 | 0.33 | 12.58 | |
| 10/28/2022 22:00 | 14.61 | 338491.3 | 41.41 | 0.04 | 0.33 | 16.7 | |
| 10/28/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/29/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/29/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/29/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/11/2020 00:00-30/11/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-----------------|---|----------------|-------------------|---------------|----------|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 11/12/22 0:00 | 14.83 | 302463.3 | 31.2 | 1.09 | 0.34 | 14.92 | |
| 11/12/22 0:10 | 14.81 | 304302.9 | 32.39 | 1.06 | 0.35 | 14.47 | |
| 11/12/22 0:20 | 14.83 | 300154.2 | 30.42 | 1.21 | 0.35 | 14.58 | |
| 11/12/22 0:30 | 14.83 | 300465 | 32.46 | 1.34 | 0.36 | 14.65 | |
| 11/12/22 4:00 | 14.82 | 300465.3 | 34.03 | 1.32 | 0.34 | 14.17 | |
| 11/12/22 5:00 | 14.82 | 301747.7 | 33.54 | 1.39 | 0.35 | 14.17 | |
| 11/12/22 6:00 | 14.88 | 296571.1 | 28.46 | 1.43 | 0.36 | 14.68 | |
| 11/12/22 7:00 | 14.91 | 296363.9 | 25.9 | 1.41 | 0.37 | 15.21 | |
| 11/12/22 8:00 | 14.78 | 314705.9 | 38.04 | 1.31 | 0.34 | 14.79 | |
| 11/12/22 9:00 | 14.78 | 322207.8 | 39.29 | 1.31 | 0.34 | 13.62 | |
| 11/12/22 10:00 | 14.75 | 325986.6 | 43.13 | 1.43 | 0.34 | 13.25 | |
| 11/12/22 11:00 | 14.75 | 321139.2 | 41.25 | 1.25 | 0.32 | 13.62 | |
| 11/12/22 12:00 | 14.77 | 316588.9 | 35.47 | 1.42 | 0.34 | 14.51 | |
| 11/12/22 13:00 | 14.56 | 347838.2 | 37.24 | 1.18 | 0.33 | 14.82 | |
| 11/12/22 14:00 | 14.6 | 339764.7 | 42.64 | 1.32 | 0.33 | 13.44 | |
| 11/12/22 15:00 | 14.61 | 339127.7 | 42 | 0.65 | 0.33 | 13.2 | |
| 11/12/22 16:00 | 14.62 | 344587.6 | 34.76 | 0.11 | 0.33 | 13.19 | |
| 11/12/22 17:00 | 14.59 | 338298.3 | 41.12 | 0.04 | 0.33 | 12.63 | |
| 11/12/22 18:00 | 14.65 | 334552.7 | 39.88 | 0.02 | 0.33 | 12.86 | |
| 11/12/22 19:00 | 14.63 | 337082.9 | 41.49 | 0.02 | 0.33 | 12.84 | |
| 11/12/22 20:00 | 14.65 | 338859.9 | 41.17 | 0.03 | 0.33 | 12.73 | |
| 11/12/22 21:00 | 14.68 | 336335.1 | 39.63 | 0.1 | 0.34 | 12.9 | |
| 11/12/22 22:00 | 14.64 | 338030.9 | 38.17 | 0.03 | 0.33 | 14.59 | |
| 11/12/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/22 13:00 | 14.62 | 340395.3 | 36.44 | 0.29 | 0.42 | 26.76 | |
| 11/12/22 14:00 | 14.56 | 343868 | 40.69 | 0.02 | 0.33 | 16.83 | |
| 11/12/22 15:00 | 14.61 | 344386.3 | 39.75 | 0.09 | 0.33 | 16.87 | |
| 11/12/22 16:00 | 14.65 | 342206.4 | 40.96 | 0.13 | 0.33 | 16.98 | |
| 11/12/22 17:00 | 14.66 | 342694.4 | 37.14 | 0.02 | 0.33 | 17.54 | |
| 11/12/22 18:00 | 14.65 | 339176.7 | 43.05 | 0.27 | 0.33 | 16.97 | |
| 11/12/22 19:00 | 14.64 | 333656.3 | 38.53 | 0.71 | 0.33 | 16.05 | |
| 11/12/22 20:00 | 14.66 | 329478.6 | 34.53 | 0.84 | 0.33 | 15.74 | |
| 11/12/22 21:00 | 14.67 | 329195.6 | 35.89 | 0.95 | 0.33 | 15.71 | |
| 11/12/22 22:00 | 14.66 | 340178.1 | 35.48 | 1.05 | 0.34 | 17.24 | |
| 11/12/22 23:00 | 14.66 | 371947.6 | 27.77 | 1.15 | 0.34 | 22.46 | |
| 11/12/23 0:00 | 14.61 | 379415.8 | 25.45 | 1.16 | 0.33 | 22.06 | |
| 11/12/23 1:00 | 14.61 | 378906.5 | 25.21 | 1.23 | 0.33 | 21.34 | |
| 11/12/23 2:00 | 14.61 | 380161.2 | 25.3 | 1.3 | 0.33 | 18.67 | |
| 11/12/23 3:00 | 14.62 | 380708.5 | 22.58 | 1.09 | 0.33 | 19.62 | |
| 11/12/23 4:00 | 14.62 | 381843.4 | 20.45 | 0.96 | 0.33 | 18.25 | |
| 11/12/23 5:00 | 14.64 | 381962.9 | 21.03 | 1.22 | 0.33 | 18.22 | |
| 11/12/23 6:00 | 14.64 | 382139.2 | 20.35 | 1.64 | 0.33 | 18.22 | |
| 11/12/23 7:00 | 14.63 | 381821.6 | 21.55 | 1.07 | 0.33 | 18.49 | |
| 11/12/23 8:00 | 14.59 | 377538.1 | 27.59 | 1.19 | 0.33 | 21.25 | |
| 11/12/23 9:00 | 14.54 | 370987 | 33.33 | 1.01 | 0.33 | 20.73 | |
| 11/12/23 10:00 | 14.44 | 376993.4 | 32.83 | 1.44 | 0.32 | 18.22 | |
| 11/12/23 11:00 | 14.43 | 375766.2 | 32.74 | 0.86 | 0.32 | 14.82 | |
| 11/12/23 12:00 | 14.48 | 366588.7 | 34.25 | 0.94 | 0.32 | 15.82 | |
| 11/12/23 13:00 | 14.43 | 364149.9 | 32.68 | 0.98 | 0.33 | 15.78 | |
| 11/12/23 14:00 | 14.57 | 349604 | 36.18 | 0.83 | 0.33 | 18.02 | |
| 11/12/23 15:00 | 14.59 | 350458.4 | 37.26 | 0.66 | 0.33 | 18 | |
| 11/12/23 16:00 | 14.66 | 345912.1 | 42.6 | 0.75 | 0.33 | 17.09 | |
| 11/12/23 17:00 | 14.67 | 337168.3 | 39.68 | 0.6 | 0.33 | 16.77 | |
| 11/12/23 18:00 | 14.68 | 337990.5 | 44.92 | 0.5 | 0.34 | 16.32 | |
| 11/12/23 19:00 | 14.7 | 339964.5 | 47.68 | 0.53 | 0.34 | 16.92 | |
| 11/12/23 20:00 | 14.73 | 338588.8 | 46.31 | 0.47 | 0.34 | 16.91 | |
| 11/12/23 21:00 | 14.71 | 338944.9 | 42.91 | 0.47 | 0.34 | 16.81 | |
| 11/12/23 22:00 | 14.76 | 334059.6 | 34.91 | 0.6 | 0.34 | 19.56 | |
| 11/12/23 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/24 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/24 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/12/24 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/11/2020 00:00-30/11/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW #1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | 25C | ppm | ppm | mg/m3 | ppm | |
| 11/17/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/17/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/17/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/17/22 9:00 | 14.75 | 315478.8 | 34.8 | 1.74 | 0.34 | 22.8 | |
| 11/17/22 10:00 | 14.75 | 314610 | 34.8 | 1.27 | 0.34 | 21.86 | |
| 11/17/22 11:00 | 14.71 | 317622.6 | 34.17 | 0.64 | 0.34 | 20.89 | |
| 11/17/22 12:00 | 14.78 | 310243 | 27.97 | 1.26 | 0.34 | 22.61 | |
| 11/17/22 13:00 | 14.31 | 390600.7 | 25.79 | 1.26 | 0.32 | 20.09 | |
| 11/17/22 14:00 | 14.29 | 394079.1 | 24.49 | 1.12 | 0.32 | 19.88 | |
| 11/17/22 15:00 | 14.31 | 393818.2 | 25.15 | 1.06 | 0.32 | 18.52 | |
| 11/17/22 16:00 | 14.33 | 392589 | 27.62 | 1.11 | 0.32 | 18.24 | |
| 11/17/22 17:00 | 14.41 | 380912.3 | 32.51 | 0.9 | 0.32 | 18.1 | |
| 11/17/22 18:00 | 14.37 | 392063.7 | 27.68 | 0.98 | 0.32 | 18.13 | |
| 11/17/22 19:00 | 14.44 | 379321.3 | 32.83 | 0.97 | 0.32 | 17.92 | |
| 11/17/22 20:00 | 14.45 | 384025.5 | 32.69 | 1.13 | 0.32 | 17.32 | |
| 11/17/22 21:00 | 14.44 | 384272.8 | 32.81 | 0.43 | 0.32 | 16.67 | |
| 11/17/22 22:00 | 14.43 | 385059 | 32.58 | 0.14 | 0.32 | 16.65 | |
| 11/17/22 23:00 | 14.83 | 311773.4 | 28.78 | 0.17 | 0.35 | 25.82 | |
| 11/18/22 0:00 | 14.8 | 306143.6 | 30.81 | 0.05 | 0.34 | 18.24 | |
| 11/18/22 1:00 | 14.77 | 304867.5 | 32.48 | 0.05 | 0.34 | 17.79 | |
| 11/18/22 2:00 | 14.8 | 308236.6 | 31.35 | 0.29 | 0.34 | 18.06 | |
| 11/18/22 3:00 | 14.8 | 306181.2 | 33.63 | 0.9 | 0.34 | 18.56 | |
| 11/18/22 4:00 | 14.85 | 300451.5 | 29.99 | 1.18 | 0.35 | 19.44 | |
| 11/18/22 5:00 | 14.86 | 296751.9 | 29.61 | 1.14 | 0.42 | 18.79 | |
| 11/18/22 6:00 | 14.85 | 297019.3 | 31.04 | 1.46 | 0.42 | 18.79 | |
| 11/18/22 7:00 | 14.85 | 299391.5 | 32.78 | 1.22 | 0.37 | 18.16 | |
| 11/18/22 8:00 | 14.79 | 318938.6 | 32.11 | 1.11 | 0.34 | 17.59 | |
| 11/18/22 9:00 | 14.79 | 320181 | 38.63 | 1.23 | 0.34 | 17.77 | |
| 11/18/22 10:00 | 14.74 | 328084.8 | 42.78 | 1.1 | 0.34 | 17.01 | |
| 11/18/22 11:00 | 14.74 | 329747.5 | 41.04 | 1.23 | 0.34 | 17.01 | |
| 11/18/22 12:00 | 14.75 | 325037.4 | 35.81 | 1.15 | 0.35 | 19.23 | |
| 11/18/22 13:00 | 14.32 | 393316 | 25.36 | 1.04 | 0.32 | 16.66 | |
| 11/18/22 14:00 | 14.31 | 395162.6 | 25.85 | 0.97 | 0.32 | 16.21 | |
| 11/18/22 15:00 | 14.33 | 395499.3 | 25.31 | 0.78 | 0.32 | 16.02 | |
| 11/18/22 16:00 | 14.34 | 391739.6 | 29.17 | 0.83 | 0.32 | 15.77 | |
| 11/18/22 17:00 | 14.4 | 382988.3 | 31.41 | 0.79 | 0.32 | 15.68 | |
| 11/18/22 18:00 | 14.41 | 388177.5 | 31.98 | 0.73 | 0.32 | 16.05 | |
| 11/18/22 19:00 | 14.42 | 388109.8 | 32.8 | 0.74 | 0.32 | 16.08 | |
| 11/18/22 20:00 | 14.46 | 384230.1 | 32.79 | 0.91 | 0.32 | 15.84 | |
| 11/18/22 21:00 | 14.47 | 384139.9 | 32.97 | 0.94 | 0.32 | 15.84 | |
| 11/18/22 22:00 | 14.44 | 390129.3 | 32.52 | 0.78 | 0.32 | 16.28 | |
| 11/18/22 23:00 | 14.85 | 311508.9 | 33.15 | 1.21 | 0.35 | 22.81 | |
| 11/19/22 0:00 | 14.83 | 302862.4 | 32 | 0.61 | 0.34 | 18.18 | |
| 11/19/22 1:00 | 14.81 | 305203.9 | 35.05 | 1.01 | 0.34 | 18.25 | |
| 11/19/22 2:00 | 14.81 | 304220.9 | 34.21 | 1.17 | 0.34 | 18.58 | |
| 11/19/22 3:00 | 14.82 | 304507 | 32.74 | 1.17 | 0.35 | 18.23 | |
| 11/19/22 4:00 | 14.84 | 299992.3 | 30.41 | 1.2 | 0.35 | 18.09 | |
| 11/19/22 5:00 | 14.86 | 296709.8 | 34.17 | 1.28 | 0.35 | 18.17 | |
| 11/19/22 6:00 | 14.87 | 296421.5 | 28.3 | 1.3 | 0.37 | 18.42 | |
| 11/19/22 7:00 | 14.85 | 299019 | 29.21 | 1.14 | 0.35 | 18.35 | |
| 11/19/22 8:00 | 14.8 | 314439.7 | 35.2 | 1.13 | 0.34 | 17.48 | |
| 11/19/22 9:00 | 14.81 | 316154.6 | 31.88 | 1.3 | 0.34 | 17.81 | |
| 11/19/22 10:00 | 14.77 | 318159.2 | 34.34 | 1.18 | 0.34 | 17.01 | |
| 11/19/22 11:00 | 14.75 | 319983.1 | 29.12 | 1.16 | 0.34 | 16.62 | |
| 11/19/22 12:00 | 14.81 | 312013.4 | 29.42 | 1.08 | 0.34 | 16.81 | |
| 11/19/22 13:00 | 14.3 | 393648 | 23.87 | 1.08 | 0.32 | 16.35 | |
| 11/19/22 14:00 | 14.3 | 396847.7 | 23.74 | 1.1 | 0.32 | 15.91 | |
| 11/19/22 15:00 | 14.29 | 395028.3 | 22.56 | 0.5 | 0.32 | 15.47 | |
| 11/19/22 16:00 | 14.3 | 394550.9 | 24.34 | 0.4 | 0.32 | 15.44 | |
| 11/19/22 17:00 | 14.39 | 383960.8 | 32.25 | 0.82 | 0.32 | 15.21 | |
| 11/19/22 18:00 | 14.41 | 384290.8 | 32.67 | 0.77 | 0.32 | 15.24 | |
| 11/19/22 19:00 | 14.37 | 391871.2 | 28.05 | 0.79 | 0.32 | 15.47 | |
| 11/19/22 20:00 | 14.35 | 397611.8 | 27.68 | 0.86 | 0.32 | 15.62 | |
| 11/19/22 21:00 | 14.4 | 384870.8 | 32.55 | 0.76 | 0.32 | 14.8 | |
| 11/19/22 22:00 | 14.4 | 388334 | 32.18 | 0.87 | 0.32 | 15.13 | |
| 11/19/22 23:00 | 14.83 | 311508.7 | 33.17 | 1.17 | 0.35 | 23.17 | |
| 11/10/22 0:00 | 14.85 | 308482.7 | 33.1 | 1.37 | 0.34 | 17.72 | |
| 11/10/22 1:00 | 14.8 | 309149.5 | 33.38 | 0.57 | 0.34 | 17.7 | |
| 11/10/22 2:00 | 14.79 | 312675.3 | 30.88 | 0.37 | 0.34 | 16.91 | |
| 11/10/22 3:00 | 14.79 | 306679.9 | 31.55 | 0.51 | 0.34 | 16.79 | |
| 11/10/22 4:00 | 14.8 | 306974.8 | 35.92 | 1.22 | 0.34 | 16.88 | |
| 11/10/22 5:00 | 14.82 | 30276.5 | 31.94 | 1.22 | 0.34 | 17.02 | |
| 11/10/22 6:00 | 14.81 | 304379.7 | 33.17 | 1.23 | 0.34 | 16.74 | |
| 11/10/22 7:00 | 14.82 | 305612.2 | 33.17 | 1.31 | 0.35 | 16.7 | |
| 11/10/22 8:00 | 14.77 | 315491.4 | 38.68 | 1.36 | 0.34 | 15.18 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/11/2020 00:00-30/11/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-----------------|---|---------------|------------------|--------------|--|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@%O2 | |
| 11/13/22 12:00 | Shutdown | ppm | ppm | ppm | mg/m3 | ppm | |
| 11/13/22 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 18:00 | 14.66 | 338808.2 | 39.39 | 0.46 | 0.33 | 20.37 | |
| 11/13/22 19:00 | 14.62 | 335276.3 | 45.05 | 0.41 | 0.33 | 19.3 | |
| 11/13/22 20:00 | 14.63 | 337061.2 | 46.36 | 0.36 | 0.33 | 19.26 | |
| 11/13/22 21:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/13/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/14/22 8:00 | 14.94 | 302385.2 | 36.79 | 2.74 | 0.99 | 50.35 | |
| 11/14/22 9:00 | 14.66 | 321029.9 | 43.83 | 1.75 | 0.33 | 21.64 | |
| 11/14/22 10:00 | 14.64 | 321304.1 | 44.51 | 1.68 | 0.33 | 20.81 | |
| 11/14/22 11:00 | 14.62 | 320645.5 | 44.13 | 1.59 | 0.33 | 20.15 | |
| 11/14/22 12:00 | 14.67 | 315331.4 | 42.62 | 1.57 | 0.33 | 21.73 | |
| 11/14/22 13:00 | 14.28 | 330302 | 21.48 | 0.78 | 0.31 | 20.84 | |
| 11/14/22 14:00 | 14.2 | 388519.7 | 20.61 | 0.59 | 0.31 | 18.23 | |
| 11/14/22 15:00 | 14.44 | 387118.6 | 32.7 | 1.1 | 0.32 | 17.39 | |
| 11/14/22 16:00 | 14.45 | 387881 | 32.23 | 1.04 | 0.32 | 17.39 | |
| 11/14/22 17:00 | 14.35 | 377517 | 30.91 | 1.08 | 0.32 | 17.89 | |
| 11/14/22 18:00 | 14.43 | 390338.5 | 31.05 | 0.93 | 0.32 | 17.6 | |
| 11/14/22 19:00 | 14.45 | 384030.8 | 31.02 | 1.02 | 0.32 | 15.74 | |
| 11/14/22 20:00 | 14.45 | 392633.6 | 32.7 | 1.1 | 0.32 | 18.14 | |
| 11/14/22 21:00 | 14.44 | 390434.4 | 32.23 | 1.04 | 0.32 | 17.39 | |
| 11/14/22 22:00 | 14.45 | 387570 | 32.34 | 1.16 | 0.32 | 16.99 | |
| 11/14/22 23:00 | 14.9 | 312026.3 | 19.03 | 1.3 | 0.43 | 48.9 | |
| 11/15/22 0:00 | 14.81 | 303857.6 | 32.23 | 1.1 | 0.34 | 19.61 | |
| 11/15/22 1:00 | 14.81 | 302641.4 | 29.71 | 1.16 | 0.35 | 19.66 | |
| 11/15/22 2:00 | 14.81 | 302469.2 | 29.87 | 1.27 | 0.36 | 19.72 | |
| 11/15/22 3:00 | 14.82 | 299256.7 | 27.39 | 1.29 | 0.38 | 19.86 | |
| 11/15/22 4:00 | 14.81 | 297945.1 | 28.12 | 1.23 | 0.36 | 19.22 | |
| 11/15/22 5:00 | 14.82 | 297101.1 | 27.29 | 1.34 | 0.41 | 19.22 | |
| 11/15/22 6:00 | 14.82 | 301307 | 29.79 | 1.32 | 0.36 | 19 | |
| 11/15/22 7:00 | 14.83 | 298699.4 | 28.3 | 1.45 | 0.35 | 18.95 | |
| 11/15/22 8:00 | 14.79 | 316090.4 | 30.81 | 1.34 | 0.34 | 18.57 | |
| 11/15/22 9:00 | 14.73 | 320840.4 | 38.01 | 1.26 | 0.34 | 17.57 | |
| 11/15/22 10:00 | 14.75 | 319645.9 | 35.6 | 1.39 | 0.39 | 17.79 | |
| 11/15/22 11:00 | 14.74 | 319640.5 | 35.34 | 1.29 | 0.34 | 17.83 | |
| 11/15/22 12:00 | 14.77 | 313787 | 28.43 | 1.19 | 0.34 | 18.57 | |
| 11/15/22 13:00 | 14.34 | 376848.8 | 27.76 | 1.19 | 0.32 | 16.46 | |
| 11/15/22 14:00 | 14.28 | 389905.9 | 22.12 | 0.89 | 0.32 | 16.28 | |
| 11/15/22 15:00 | 14.3 | 388229.2 | 22.13 | 0.84 | 0.32 | 16.49 | |
| 11/15/22 16:00 | 14.28 | 386028.9 | 26.42 | 0.96 | 0.32 | 16.13 | |
| 11/15/22 17:00 | 14.34 | 382196.6 | 28.62 | 0.32 | 0.32 | 15.72 | |
| 11/15/22 18:00 | 14.38 | 378387.3 | 27.31 | 0.34 | 0.34 | 15.04 | |
| 11/15/22 19:00 | 14.38 | 381533.7 | 24.68 | 0 | 0.32 | 16.35 | |
| 11/15/22 20:00 | 14.38 | 381708 | 25.32 | 0 | 0.32 | 15.67 | |
| 11/15/22 21:00 | 14.38 | 382208.9 | 27.76 | 0.07 | 0.32 | 15.75 | |
| 11/15/22 22:00 | 14.34 | 384837.8 | 22.83 | 0 | 0.32 | 15.92 | |
| 11/15/22 23:00 | 14.83 | 311050.5 | 16.39 | 0.07 | 0.38 | 30.64 | |
| 11/16/22 0:00 | 14.78 | 307696.7 | 25.73 | 0 | 0.37 | 17.04 | |
| 11/16/22 1:00 | 14.78 | 308688 | 22.07 | 0.03 | 0.36 | 16.86 | |
| 11/16/22 2:00 | 14.78 | 306411.8 | 21.23 | 0.05 | 0.36 | 17.18 | |
| 11/16/22 3:00 | 14.76 | 307541.8 | 22.83 | 0.05 | 0.36 | 16.93 | |
| 11/16/22 4:00 | 14.83 | 304022.3 | 25.07 | 0 | 0.35 | 17.43 | |
| 11/16/22 5:00 | 14.87 | 300145.9 | 21.16 | 0.47 | 0.38 | 18.12 | |
| 11/16/22 6:00 | 14.85 | 305417.9 | 27.85 | 0.59 | 0.35 | 17.75 | |
| 11/16/22 7:00 | 14.87 | 309103.4 | 27.17 | 0.84 | 0.35 | 18.16 | |
| 11/16/22 8:00 | 14.82 | 319036.2 | 34.07 | 1.07 | 0.34 | 17.25 | |
| 11/16/22 9:00 | 14.83 | 320131.3 | 32.07 | 1.15 | 0.33 | 17.66 | |
| 11/16/22 10:00 | 14.79 | 321889.7 | 32.77 | 1.05 | 0.34 | 17.21 | |
| 11/16/22 11:00 | 14.72 | 325533.8 | 39.69 | 1.14 | 0.34 | 16.56 | |
| 11/16/22 12:00 | 14.74 | 317139 | 27.73 | 0.8 | 0.34 | 17.56 | |
| 11/16/22 13:00 | 14.37 | 376828.8 | 31.82 | 0.38 | 0.38 | 15.47 | |
| 11/16/22 14:00 | 14.26 | 388297.4 | 29.49 | 0.65 | 0.31 | 15.32 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/11/2020 00:00-30/11/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-----------------|---|---------------|------------------|--------------|--|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@%O2 | |
| 11/19/22 18:00 | % | m3/hr | | | | | |
| 11/19/22 18:00 | 14.54 | 356549 | 35.77 | 0.92 | 0.33 | 16.11 | |
| 11/19/22 19:00 | 14.58 | 355432.6 | 31.7 | 1.05 | 0.33 | 17.92 | |
| 11/19/22 20:00 | 14.56 | 358533.8 | 35.98 | 0.84 | 0.33 | 17.14 | |
| 11/19/22 21:00 | 14.51 | 366814.7 | 33.37 | 0.95 | 0.33 | 15.08 | |
| 11/19/22 22:00 | 14.57 | 370618.2 | 33.21 | 1.51 | 0.62 | 15.67 | |
| 11/19/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 18:00 | 14.66 | 341596.4 | 44.66 | 1.05 | 0.33 | 21.46 | |
| 11/20/22 19:00 | 14.65 | 342917.3 | 46.88 | 1.22 | 0.33 | 21.4 | |
| 11/20/22 20:00 | 14.66 | 342917.3 | 46.88 | 1.22 | 0.33 | 21.4 | |
| 11/20/22 21:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/20/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 11/21/22 9:00 | 14.76 | 314343 | 41.26 | 1.58 | 0.34 | 23.51 | |
| 11/21/22 10:00 | 14.19 | 315293.8 | 22.07 | 0.02 | 0.31 | 20.99 | |
| 11/21/22 11:00 | 14.56 | 316451.8 | 37.11 | 0.83 | 0.33 | 22.42 | |
| 11/21/22 12:00 | 14.64 | 310443.7 | 29.04 | 0.55 | 0.33 | 25.28 | |
| 11/21/22 13:00 | 14.17 | 388291.4 | 22.27 | 0.02 | 0.31 | 20.99 | |
| 11/21/22 14:00 | 14.15 | 388405.4 | 22.07 | 0 | 0.31 | 20.09 | |
| 11/21/22 15:00 | 14.15 | 380265.2 | 18.38 | 0 | 0.31 | 19.7 | |
| 11/21/22 16:00 | 14.19 | 388561.2 | 18.12 | 0 | 0.31 | 19.62 | |
| 11/21/22 17:00 | 14.26 | 381551 | 24.73 | 0 | 0.11 | 19.67 | |
| 11/21/22 18:00 | 14.28 | 377903.9 | 26.28 | 0 | 0.11 | 19.85 | |
| 11/21/22 19:00 | 14.39 | 360734.8 | 27.57 | 0.07 | 0.07 | 20.44 | |
| 11/21/22 20:00 | 14.51 | 339108.5 | 37.94 | 0 | 0.1 | 20.25 | |
| 11/21/22 21:00 | 14.55 | 340584.9 | 42.16 | 0.45 | 0.1 | 20.52 | |
| 11/21/22 22:00 | 14.51 | 343213 | 46.66 | 0 | 0.11 | 20.52 | |
| 11/21/22 23:00 | 14.75 | 307321.8 | 25.46 | 0.01 | 0.1 | 26 | |
| 11/22/22 0:00 | 14.73 | 305481.5 | 27.35 | 0.06 | 0.07 | 21.67 | |
| 11/22/22 1:00 | 14.69 | 306583.3 | 29.33 | 0.09 | 0.11 | 21.12 | |
| 11/22/22 2:00 | 14.69 | 306206.8 | 29.12 | 0.12 | 0.13 | 21.06 | |
| 11/22/22 3:00 | 14.74 | 301485 | 25.38 | 0.11 | 0.14 | 21.64 | |
| 11/22/22 4:00 | 14.74 | 302733.8 | 25.06 | 0.11 | 0.14 | 21.76 | |
| 11/22/22 5:00 | 14.73 | 303025.5 | 25.29 | 0.14 | 0.11 | 21.71 | |
| 11/22/22 6:00 | 14.72 | 305367.7 | 29.59 | 0.25 | 0.05 | 20.57 | |
| 11/22/22 7:00 | 14.71 | 305342.1 | 26.09 | 0.01 | 0.14 | 20.48 | |
| 11/22/22 8:00 | 14.65 | 315331.8 | 28.02 | 0 | 0.07 | 19.42 | |
| 11/22/22 9:00 | 14.61 | 327086 | 33.07 | 0 | 0.09 | 18.49 | |
| 11/22/22 10:00 | 14.58 | 327019.6 | 32.42 | 0 | 0.09 | 18.22 | |
| 11/22/22 11:00 | 14.55 | 328645.3 | 33.07 | 0.06 | 0.03 | 18.34 | |
| 11/22/22 12:00 | 14.67 | 316486.6 | 27.64 | 0.01 | 0.06 | 21.65 | |
| 11/22/22 13:00 | 14.3 | 370431.5 | 29.99 | 0.04 | 0.07 | 18.66 | |
| 11/22/22 14:00 | 14.4 | 352624.1 | 38.81 | 0.02 | 0.08 | 17.86 | |
| 11/22/22 15:00 | 14.52 | 342592.9 | 42.32 | 0.04 | 0.06 | 19.09 | |
| 11/22/22 16:00 | 14.53 | 344169.1 | 40.23 | 0.02 | 0.06 | 18.85 | |
| 11/22/22 17:00 | 14.53 | 344754.7 | 40.76 | 0.03 | 0.07 | 18.92 | |
| 11/22/22 18:00 | 14.51 | 349413.9 | 36.25 | 0.01 | 0.08 | 19.36 | |
| 11/22/22 19:00 | 14.57 | 345615.3 | 34.16 | 0.08 | 0.08 | 20.11 | |
| 11/22/22 20:00 | 14.51 | 347280.7 | 30.58 | 0.01 | 0.09 | 21.04 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/11/2020 00:00-30/11/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|----------|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 11/26/22 0:00 | 14.53 | 34230.9 | 44.84 | 0.03 | 0.27 | 15.73 | Shutdown |
| 11/26/22 1:00 | 14.52 | 341056.9 | 43.81 | 0.03 | 0.19 | 16.29 | Shutdown |
| 11/26/22 2:00 | 14.53 | 339640.4 | 42.06 | 0.09 | 0.13 | 16.65 | Shutdown |
| 11/26/22 3:00 | 14.52 | 338155.6 | 41.07 | 0.06 | 0.11 | 16.26 | Shutdown |
| 11/26/22 4:00 | 14.51 | 33781.3 | 41.92 | 0.12 | 0.12 | 16.12 | Shutdown |
| 11/26/22 5:00 | 14.5 | 337746 | 41.37 | 0.11 | 0.13 | 15.98 | Shutdown |
| 11/26/22 6:00 | 14.53 | 336190.1 | 39.45 | 0.1 | 0.14 | 15.89 | Shutdown |
| 11/26/22 7:00 | 14.46 | 342638.5 | 43.39 | 0.17 | 0.16 | 16.02 | Shutdown |
| 11/26/22 8:00 | 14.54 | 351346.3 | 29.49 | 0.22 | 0.15 | 19.88 | Shutdown |
| 11/26/22 9:00 | 14.44 | 360413.4 | 33.72 | 0.2 | 0.12 | 18.04 | Shutdown |
| 11/26/22 10:00 | 14.68 | 308991.5 | 26.3 | 0.15 | 0.08 | 23.8 | Shutdown |
| 11/26/22 11:00 | 14.5 | 36615.5 | 21.66 | 0 | 0.07 | 16.38 | Shutdown |
| 11/26/22 12:00 | 14.74 | 300830.8 | 20.2 | 0 | 0.07 | 19.64 | Shutdown |
| 11/26/22 13:00 | 14.45 | 349877.6 | 34.5 | 0.01 | 0.06 | 16.66 | Shutdown |
| 11/26/22 14:00 | 14.46 | 348796.7 | 34.36 | 0.03 | 0.12 | 16.37 | Shutdown |
| 11/26/22 15:00 | 14.55 | 362730.6 | 27.18 | 0.01 | 0.26 | 17.7 | Shutdown |
| 11/26/22 16:00 | 14.55 | 346964.9 | 34.67 | 0.05 | 0.28 | 18.71 | Shutdown |
| 11/26/22 17:00 | 14.53 | 337930.9 | 41.74 | 0.11 | 0.21 | 15.74 | Shutdown |
| 11/26/22 18:00 | 14.55 | 335986.4 | 37.48 | 0 | 0.24 | 15.49 | Shutdown |
| 11/26/22 19:00 | 14.54 | 340718.9 | 36.1 | 0 | 0.23 | 16.25 | Shutdown |
| 11/26/22 20:00 | 14.54 | 337532.7 | 34.5 | 0 | 0.16 | 14.98 | Shutdown |
| 11/26/22 21:00 | 14.53 | 336810.2 | 34.67 | 0 | 0.15 | 14.85 | Shutdown |
| 11/26/22 22:00 | 14.54 | 337020.7 | 35.28 | 0 | 0.22 | 17.44 | Shutdown |
| 11/26/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 19:00 | 14.57 | 314350.5 | 36.93 | 0.13 | 0.2 | 20.63 | Shutdown |
| 11/27/22 20:00 | 14.57 | 314410.2 | 34.65 | 0.09 | 0.17 | 20.52 | Shutdown |
| 11/27/22 21:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/27/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/28/22 14:00 | 14.39 | 347875.1 | 37.66 | 0 | 0.11 | 23.63 | Shutdown |
| 11/28/22 15:00 | 14.46 | 343915.6 | 38.35 | 0 | 0.08 | 23.03 | Shutdown |
| 11/28/22 16:00 | 14.48 | 343708 | 38.33 | 0 | 0.06 | 22.56 | Shutdown |
| 11/28/22 17:00 | 14.53 | 344049.3 | 36.84 | 0 | 0.08 | 22.46 | Shutdown |
| 11/28/22 18:00 | 14.57 | 344797.4 | 36.48 | 0 | 0.09 | 22.31 | Shutdown |
| 11/28/22 19:00 | 14.63 | 343375.2 | 41.26 | 0 | 0.12 | 23.64 | Shutdown |
| 11/28/22 20:00 | 14.57 | 339805.4 | 41.26 | 0 | 0.17 | 22.4 | Shutdown |
| 11/28/22 21:00 | 14.54 | 331752 | 44.13 | 0 | 0.21 | 21.17 | Shutdown |
| 11/28/22 22:00 | 14.55 | 340715.6 | 39.4 | 0.01 | 0.22 | 22.83 | Shutdown |
| 11/28/22 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/29/22 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/29/22 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 11/29/22 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK1
Periodically: 01/12/2022 00:00-31/12/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/1/2022 0:00 | 14.72 | 306724.50 | 28.20 | 0.35 | 0.16 | 19.46 | |
| 12/1/2022 1:00 | 14.71 | 301888.90 | 23.89 | 0.01 | 0.13 | 19.07 | |
| 12/1/2022 2:00 | 14.67 | 304296.30 | 25.30 | 0.00 | 0.12 | 18.51 | |
| 12/1/2022 3:00 | 14.72 | 301189.20 | 21.73 | 0.08 | 0.18 | 19.08 | |
| 12/1/2022 4:00 | 14.73 | 299994.60 | 24.10 | 0.15 | 0.23 | 19.09 | |
| 12/1/2022 5:00 | 14.77 | 295506.00 | 21.82 | 0.24 | 0.14 | 19.36 | |
| 12/1/2022 6:00 | 14.76 | 296151.70 | 23.13 | 0.32 | 0.14 | 19.19 | |
| 12/1/2022 7:00 | 14.76 | 296336.60 | 22.16 | 0.30 | 0.17 | 19.54 | |
| 12/1/2022 8:00 | 14.70 | 313593.80 | 29.63 | 0.38 | 0.12 | 19.14 | |
| 12/1/2022 9:00 | 14.66 | 321416.10 | 31.40 | 0.42 | 0.11 | 18.84 | |
| 12/1/2022 10:00 | 14.62 | 323825.30 | 34.90 | 0.40 | 0.14 | 18.11 | |
| 12/1/2022 11:00 | 14.63 | 319172.30 | 30.26 | 0.37 | 0.10 | 18.36 | |
| 12/1/2022 12:00 | 14.64 | 316415.50 | 26.86 | 0.33 | 0.06 | 18.66 | |
| 12/1/2022 13:00 | 14.38 | 355819.60 | 33.64 | 0.40 | 0.10 | 18.45 | |
| 12/1/2022 14:00 | 14.45 | 347300.50 | 33.59 | 0.29 | 0.09 | 18.91 | |
| 12/1/2022 15:00 | 14.42 | 351058.00 | 34.49 | 0.26 | 0.14 | 19.48 | |
| 12/1/2022 16:00 | 14.48 | 346586.60 | 32.89 | 0.13 | 0.09 | 18.46 | |
| 12/1/2022 17:00 | 14.56 | 344811.60 | 32.59 | 0.28 | 0.09 | 19.59 | |
| 12/1/2022 18:00 | 14.56 | 344862.80 | 36.66 | 0.24 | 0.03 | 18.62 | |
| 12/1/2022 19:00 | 14.62 | 346599.90 | 32.06 | 0.27 | 0.10 | 20.58 | |
| 12/1/2022 20:00 | 14.58 | 346697.50 | 31.35 | 0.27 | 0.16 | 20.52 | |
| 12/1/2022 21:00 | 14.53 | 356215.00 | 30.70 | 0.27 | 0.18 | 19.91 | |
| 12/1/2022 22:00 | 14.54 | 356638.80 | 32.67 | 0.31 | 0.18 | 20.60 | |
| 12/1/2022 23:00 | 14.75 | 311928.80 | 24.33 | 0.31 | 0.13 | 28.24 | |
| 12/2/2022 0:00 | 14.73 | 304383.50 | 23.13 | 0.13 | 0.21 | 18.15 | |
| 12/2/2022 1:00 | 14.71 | 305108.90 | 28.90 | 0.11 | 0.22 | 18.11 | |
| 12/2/2022 2:00 | 14.73 | 303407.90 | 27.41 | 0.18 | 0.18 | 18.08 | |
| 12/2/2022 3:00 | 14.76 | 300540.70 | 25.02 | 0.31 | 0.22 | 18.31 | |
| 12/2/2022 4:00 | 14.75 | 300548.90 | 26.41 | 0.35 | 0.23 | 18.10 | |
| 12/2/2022 5:00 | 14.77 | 298524.00 | 24.58 | 0.47 | 0.21 | 18.53 | |
| 12/2/2022 6:00 | 14.76 | 297244.00 | 25.63 | 0.54 | 0.11 | 18.29 | |
| 12/2/2022 7:00 | 14.79 | 296844.50 | 24.06 | 0.41 | 0.18 | 19.32 | |
| 12/2/2022 8:00 | 14.71 | 314068.90 | 35.15 | 0.53 | 0.23 | 17.69 | |
| 12/2/2022 9:00 | 14.72 | 316719.90 | 33.91 | 0.64 | 0.25 | 17.69 | |
| 12/2/2022 10:00 | 14.66 | 322559.50 | 37.95 | 0.40 | 0.14 | 17.20 | |
| 12/2/2022 11:00 | 14.69 | 323861.40 | 32.91 | 0.66 | 0.10 | 17.77 | |
| 12/2/2022 12:00 | 14.69 | 314856.80 | 26.03 | 0.14 | 0.10 | 17.80 | |
| 12/2/2022 13:00 | 14.40 | 358345.50 | 31.79 | 0.00 | 0.07 | 17.40 | |
| 12/2/2022 14:00 | 14.42 | 353680.60 | 34.34 | 0.00 | 0.07 | 18.18 | |
| 12/2/2022 15:00 | 14.37 | 351109.20 | 35.42 | 0.06 | 0.01 | 18.16 | |
| 12/2/2022 16:00 | 14.50 | 350816.30 | 37.91 | 0.25 | 0.08 | 18.11 | |
| 12/2/2022 17:00 | 14.57 | 342550.30 | 39.80 | 0.25 | 0.09 | 17.76 | |
| 12/2/2022 18:00 | 14.59 | 343396.60 | 40.40 | 0.21 | 0.14 | 18.21 | |
| 12/2/2022 19:00 | 14.65 | 350452.20 | 32.09 | 0.22 | 0.15 | 20.37 | |
| 12/2/2022 20:00 | 14.62 | 347428.50 | 37.88 | 0.13 | 0.16 | 18.28 | |
| 12/2/2022 21:00 | 14.60 | 342345.50 | 41.16 | 0.16 | 0.16 | 17.46 | |
| 12/2/2022 22:00 | 14.61 | 339134.10 | 38.78 | 0.21 | 0.20 | 17.16 | |
| 12/2/2022 23:00 | 14.79 | 303968.30 | 30.55 | 0.18 | 0.21 | 18.35 | |
| 12/3/2022 0:00 | 14.79 | 304355.10 | 26.79 | 0.25 | 0.15 | 17.98 | |
| 12/3/2022 1:00 | 14.75 | 308195.10 | 31.76 | 0.20 | 0.14 | 17.45 | |
| 12/3/2022 2:00 | 14.78 | 303348.20 | 28.25 | 0.27 | 0.19 | 17.71 | |
| 12/3/2022 3:00 | 14.77 | 303005.60 | 28.85 | 0.31 | 0.16 | 17.51 | |
| 12/3/2022 4:00 | 14.78 | 300000.30 | 26.22 | 0.30 | 0.17 | 17.65 | |
| 12/3/2022 5:00 | 14.80 | 298228.20 | 27.09 | 0.35 | 0.17 | 17.56 | |
| 12/3/2022 6:00 | 14.79 | 303530.30 | 29.58 | 0.40 | 0.16 | 17.56 | |
| 12/3/2022 7:00 | 14.81 | 304633.80 | 28.85 | 0.39 | 0.11 | 17.69 | |
| 12/3/2022 8:00 | 14.74 | 319220.20 | 37.86 | 0.31 | 0.17 | 16.68 | |
| 12/3/2022 9:00 | 14.75 | 321282.40 | 36.45 | 0.37 | 0.11 | 17.02 | |
| 12/3/2022 10:00 | 14.68 | 321751.74 | 42.80 | 0.39 | 0.10 | 16.45 | |
| 12/3/2022 11:00 | 14.71 | 321322.20 | 33.02 | 0.24 | 0.08 | 17.08 | |
| 12/3/2022 12:00 | 14.69 | 316182.30 | 30.97 | 0.37 | 0.06 | 16.96 | |
| 12/3/2022 13:00 | 14.43 | 359147.60 | 33.12 | 0.20 | 0.07 | 16.77 | |
| 12/3/2022 14:00 | 14.44 | 355108.50 | 36.08 | 0.19 | 0.07 | 17.77 | |
| 12/3/2022 15:00 | 14.57 | 346999.00 | 37.04 | 0.13 | 0.04 | 17.12 | |
| 12/3/2022 16:00 | 14.56 | 348256.30 | 34.30 | 0.09 | 0.10 | 17.53 | |
| 12/3/2022 17:00 | 14.64 | 344154.60 | 36.18 | 0.09 | 0.10 | 17.53 | |
| 12/3/2022 18:00 | 14.58 | 339043.10 | 43.84 | 0.06 | 0.10 | 16.65 | |
| 12/3/2022 19:00 | 14.60 | 339492.50 | 44.06 | 0.16 | 0.11 | 17.04 | |
| 12/3/2022 20:00 | 14.59 | 339897.90 | 45.23 | 0.24 | 0.13 | 17.01 | |
| 12/3/2022 21:00 | 14.61 | 338568.00 | 43.21 | 0.24 | 0.21 | 17.07 | |
| 12/3/2022 22:00 | 14.65 | 335120.50 | 37.98 | 0.18 | 0.14 | 19.62 | |
| 12/3/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/4/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/4/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/4/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |

Site Name: GULF_NRV2
Stack Name: HRSO_STACK1
Periodically: 01/12/2022 00:00-31/12/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|---------------------|---|---------------|------------------|--------------|--|
| | O2 | FLOW @ 1 ATM 25C | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust (%O2) | HRSG1_CO@%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/7/2022 6:00 | 14.76 | 301231.60 | 29.95 | 0.03 | 0.21 | 19.77 | |
| 12/7/2022 7:00 | 14.77 | 305783.00 | 31.69 | 0.03 | 0.15 | 19.56 | |
| 12/7/2022 8:00 | 14.74 | 319470.50 | 35.39 | 0.02 | 0.15 | 19.34 | |
| 12/7/2022 9:00 | 14.72 | 324175.20 | 35.55 | 0.03 | 0.08 | 19.39 | |
| 12/7/2022 10:00 | 14.66 | 336071.60 | 42.42 | 0.01 | 0.07 | 18.81 | |
| 12/7/2022 11:00 | 14.68 | 326669.80 | 35.44 | 0.01 | 0.08 | 19.06 | |
| 12/7/2022 12:00 | 14.72 | 321268.20 | 28.50 | 0.00 | 0.07 | 20.29 | |
| 12/7/2022 13:00 | 14.49 | 354033.30 | 36.16 | 0.01 | 0.07 | 19.03 | |
| 12/7/2022 14:00 | 14.44 | 353501.40 | 35.86 | 0.00 | 0.09 | 18.38 | |
| 12/7/2022 15:00 | 14.52 | 349547.60 | 36.24 | 0.00 | 0.11 | 20.02 | |
| 12/7/2022 16:00 | 14.58 | 344811.60 | 39.33 | 0.00 | 0.13 | 19.26 | |
| 12/7/2022 17:00 | 14.63 | 340727.00 | 40.12 | 0.00 | 0.12 | 19.27 | |
| 12/7/2022 18:00 | 14.57 | 339751.30 | 43.21 | 0.00 | 0.12 | 19.51 | |
| 12/7/2022 19:00 | 14.62 | 338397.40 | 40.45 | 0.00 | 0.12 | 19.45 | |
| 12/7/2022 20:00 | 14.58 | 339657.50 | 43.35 | 0.00 | 0.12 | 19.43 | |
| 12/7/2022 21:00 | 14.80 | 339169.30 | 41.91 | 0.00 | 0.12 | 19.57 | |
| 12/7/2022 22:00 | 14.56 | 341790.80 | 45.68 | 0.00 | 0.14 | 19.26 | |
| 12/7/2022 23:00 | 14.73 | 303786.20 | 31.46 | 0.00 | 0.09 | 18.99 | |
| 12/8/2022 0:00 | 14.73 | 305956.30 | 30.29 | 0.00 | 0.11 | 18.95 | |
| 12/8/2022 1:00 | 14.71 | 306525.40 | 32.08 | 0.00 | 0.16 | 18.68 | |
| 12/8/2022 2:00 | 14.71 | 306807.00 | 33.58 | 0.00 | 0.17 | 18.33 | |
| 12/8/2022 3:00 | 14.77 | 302332.70 | 26.26 | 0.01 | 0.19 | 18.84 | |
| 12/8/2022 4:00 | 14.77 | 298976.30 | 26.54 | 0.01 | 0.11 | 18.53 | |
| 12/8/2022 5:00 | 14.78 | 298761.70 | 26.63 | 0.00 | 0.14 | 18.68 | |
| 12/8/2022 6:00 | 14.79 | 299090.00 | 27.38 | 0.08 | 0.16 | 18.64 | |
| 12/8/2022 7:00 | 14.79 | 300958.80 | 27.68 | 0.05 | 0.16 | 18.58 | |
| 12/8/2022 8:00 | 14.74 | 313815.70 | 33.86 | 0.06 | 0.17 | 18.12 | |
| 12/8/2022 9:00 | 14.73 | 319412.30 | 35.41 | 0.00 | 0.17 | 18.08 | |
| 12/8/2022 10:00 | 14.67 | 324152.40 | 38.05 | 0.02 | 0.11 | 17.66 | |
| 12/8/2022 11:00 | 14.70 | 322741.60 | 31.64 | 0.02 | 0.06 | 18.28 | |
| 12/8/2022 12:00 | 14.70 | 322178.40 | 30.07 | 0.01 | 0.05 | 18.51 | |
| 12/8/2022 13:00 | 14.62 | 369152.10 | 35.41 | 0.00 | 0.08 | 18.56 | |
| 12/8/2022 14:00 | 14.44 | 351703.70 | 38.11 | 0.00 | 0.08 | 18.73 | |
| 12/8/2022 15:00 | 14.47 | 350784.90 | 35.10 | 0.00 | 0.09 | 18.60 | |
| 12/8/2022 16:00 | 14.54 | 354478.50 | 36.90 | 0.02 | 0.07 | 18.33 | |
| 12/8/2022 17:00 | 14.56 | 341341.70 | 40.86 | 0.00 | 0.08 | 17.90 | |
| 12/8/2022 18:00 | 14.53 | 340357.20 | 43.48 | 0.00 | 0.10 | 17.83 | |
| 12/8/2022 19:00 | 14.58 | 337430.30 | 38.31 | 0.00 | 0.11 | 17.68 | |
| 12/8/2022 20:00 | 14.61 | 341830.60 | 39.39 | 0.00 | 0.11 | 18.43 | |
| 12/8/2022 21:00 | 14.60 | 340684.30 | 40.42 | 0.00 | 0.11 | 18.29 | |
| 12/8/2022 22:00 | 14.54 | 341386.90 | 48.88 | 0.00 | 0.14 | 17.91 | |
| 12/8/2022 23:00 | 14.72 | 304616.80 | 29.71 | 0.00 | 0.12 | 18.58 | |
| 12/9/2022 0:00 | 14.79 | 308522.20 | 31.31 | 0.00 | 0.15 | 17.98 | |
| 12/9/2022 1:00 | 14.73 | 308513.70 | 29.98 | 0.00 | 0.16 | 17.85 | |
| 12/9/2022 2:00 | 14.75 | 306027.60 | 28.35 | 0.00 | 0.16 | 17.89 | |
| 12/9/2022 3:00 | 14.78 | 301948.70 | 26.47 | 0.01 | 0.18 | 17.57 | |
| 12/9/2022 4:00 | 14.78 | 303217.30 | 30.50 | 0.01 | 0.17 | 17.59 | |
| 12/9/2022 5:00 | 14.78 | 301772.30 | 27.56 | 0.01 | 0.20 | 17.67 | |
| 12/9/2022 6:00 | 14.75 | 301860.50 | 21.26 | 0.01 | 0.17 | 17.26 | |
| 12/9/2022 7:00 | 14.76 | 301940.20 | 28.85 | 0.01 | 0.15 | 17.33 | |
| 12/9/2022 8:00 | 14.76 | 303089.30 | 41.56 | 0.04 | 0.16 | 16.76 | |
| 12/9/2022 9:00 | 14.69 | 320602.60 | 36.10 | 0.01 | 0.12 | 17.11 | |
| 12/9/2022 10:00 | 14.61 | 328430.50 | 44.54 | 0.01 | 0.11 | 16.78 | |
| 12/9/2022 11:00 | 14.67 | 323529.50 | 33.61 | 0.02 | 0.07 | 17.30 | |
| 12/9/2022 12:00 | 14.62 | 324234.90 | 35.41 | 0.00 | 0.08 | 17.50 | |
| 12/9/2022 13:00 | 14.37 | 369504.40 | 32.23 | 0.00 | 0.07 | 18.54 | |
| 12/9/2022 14:00 | 14.75 | 356636.00 | <Samp | <Samp | 0.12 | <Samp | |
| 12/9/2022 15:00 | 14.76 | 354863.90 | <Samp | <Samp | 0.09 | <Samp | |
| 12/9/2022 16:00 | 14.80 | 366926.00 | 32.43 | 0.00 | 0.85 | 19.20 | |
| 12/9/2022 17:00 | 14.50 | 350624.80 | 36.92 | 1.02 | 0.11 | 16.93 | |
| 12/9/2022 18:00 | 14.56 | 337234.00 | 44.07 | 0.84 | 0.11 | 16.90 | |
| 12/9/2022 19:00 | 14.63 | 339791.00 | 43.81 | 0.00 | 0.14 | 16.26 | |
| 12/9/2022 20:00 | 14.61 | 336949.60 | 42.60 | 0.89 | 0.09 | 16.35 | |
| 12/9/2022 21:00 | 14.56 | 338861.00 | 46.89 | 0.84 | 0.12 | 15.93 | |
| 12/9/2022 22:00 | 14.54 | 340476.70 | 49.31 | 0.75 | 0.09 | 15.96 | |
| 12/9/2022 23:00 | 14.74 | 304038.60 | 28.20 | 0.00 | 0.11 | 18.20 | |
| 12/10/2022 0:00 | 14.71 | 306016.30 | 31.15 | 0.80 | 0.10 | 18.35 | |
| 12/10/2022 1:00 | 14.74 | 304431.90 | 23.87 | 0.43 | 0.09 | 16.88 | |
| 12/10/2022 2:00 | 14.71 | 305393.30 | 24.12 | 0.11 | 0.10 | 16.25 | |
| 12/10/2022 3:00 | 14.72 | 301458.60 | 24.74 | 0.08 | 0.14 | 16.35 | |
| 12/10/2022 4:00 | 14.77 | 299849.50 | 20.40 | 0.43 | 0.16 | 16.74 | |
| 12/10/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/10/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/10/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/10/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |

Site Name: GULF_NRV2
Stack Name: HRSO_STACK1
Periodically: 01/12/2022 00:00-31/12/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|--------------|---|---------------|------------------|--------------|--|
| | O2 | FLOW @ 1 ATM | HRSG1_NOx@%O2 | HRSG1_SOx@%O2 | HRSG1_Dust (%O2) | HRSG1_CO@%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/13/2022 12:00 | 14.77 | 315576.40 | 26.56 | 0.00 | 0.08 | 17.79 | |
| 12/13/2022 13:00 | 14.50 | 362674.70 | 28.87 | 0.00 | 0.07 | 19.02 | |
| 12/13/2022 14:00 | 14.47 | 364998.60 | 28.21 | 0.00 | 0.08 | 18.76 | |
| 12/13/2022 15:00 | 14.60 | 354050.40 | 27.51 | 0.00 | 0.08 | 18.27 | |
| 12/13/2022 16:00 | 14.51 | 366199.00 | 28.03 | 0.00 | 0.09 | 21.37 | |
| 12/13/2022 17:00 | 14.55 | 362401.70 | 26.79 | 0.00 | 0.10 | 19.60 | |
| 12/13/2022 18:00 | 14.61 | 344942.50 | 36.78 | 0.00 | 0.10 | 18.76 | |
| 12/13/2022 19:00 | 14.61 | 341577.50 | 40.63 | 0.00 | 0.11 | 18.16 | |
| 12/13/2022 20:00 | 14.60 | 340013.00 | 45.23 | 0.00 | 0.11 | 18.11 | |
| 12/13/2022 21:00 | 14.61 | 342069.60 | 45.73 | 0.00 | 0.11 | 18.15 | |
| 12/13/2022 22:00 | 14.61 | 342564.50 | 44.05 | 0.00 | 0.11 | 18.26 | |
| 12/13/2022 23:00 | 14.82 | 308852.50 | 33.49 | 0.00 | 0.09 | 18.94 | |
| 12/14/2022 0:00 | 14.79 | 310137.80 | 35.62 | 0.00 | 0.11 | 17.96 | |
| 12/14/2022 1:00 | 14.82 | 306956.50 | 32.16 | 0.00 | 0.23 | 17.81 | |
| 12/14/2022 2:00 | 14.80 | 311841.70 | 36.79 | 0.01 | 0.15 | 17.38 | |
| 12/14/2022 3:00 | 14.83 | 307748.50 | 32.79 | 0.01 | 0.16 | 17.37 | |
| 12/14/2022 4:00 | 14.84 | 309327.40 | 32.79 | 0.00 | 0.12 | 16.73 | |
| 12/14/2022 5:00 | 14.84 | 302810.60 | 32.93 | 0.00 | 0.18 | 16.98 | |
| 12/14/2022 6:00 | 14.85 | 303186.00 | 33.77 | 0.00 | 0.20 | 16.88 | |
| 12/14/2022 7:00 | 14.85 | 307040.30 | 34.63 | 0.00 | 0.20 | 16.92 | |
| 12/14/2022 8:00 | 14.82 | 301876.00 | 40.27 | 0.00 | 0.22 | 16.83 | |
| 12/14/2022 9:00 | 14.83 | 326644.20 | 39.13 | 0.00 | 0.23 | 16.73 | |
| 12/14/2022 10:00 | 14.83 | 326644.20 | 39.13 | 0.00 | 0.34 | 16.80 | |
| 12/14/2022 11:00 | 14.81 | 326601.50 | 41.94 | 0.00 | 0.30 | 16.70 | |
| 12/14/2022 12:00 | 14.78 | 328811.60 | 39.58 | 0.00 | 0.22 | 16.59 | |
| 12/14/2022 13:00 | 14.83 | 329162.00 | 37.77 | 0.00 | 0.13 | 20.81 | |
| 12/14/2022 14:00 | 14.62 | 361283.80 | 32.76 | 0.00 | 0.10 | 19.19 | |
| 12/14/2022 15:00 | 14.61 | 369473.10 | 32.85 | 0.00 | 0.12 | 18.32 | |
| 12/14/2022 16:00 | 14.63 | 369204.83 | 33.98 | 0.00 | 0.11 | 18.27 | |
| 12/14/2022 17:00 | 14.61 | 361588.20 | 35.53 | 0.00 | 0.12 | 20.27 | |
| 12/14/2022 18:00 | 14.67 | 357952.90 | 35.10 | 0.00 | 0.09 | 19.20 | |
| 12/14/2022 19:00 | 14.69 | 360399.20 | 30.66 | 0.00 | 0.09 | 18.46 | |
| 12/14/2022 20:00 | 14.70 | 364124.30 | 32.80 | 0.00 | 0.09 | 17.83 | |
| 12/14/2022 21:00 | 14.66 | 341824.90 | 43.48 | 0.00 | 0.10 | 17.84 | |
| 12/14/2022 22:00 | 14.66 | 341381.20 | 45.21 | 0.00 | 0.10 | 17.56 | |
| 12/14/2022 23:00 | 14.64 | 341406.80 | 41.20 | 0.00 | 0.11 | 17.07 | |
| 12/14/2022 24:00 | 14.82 | 339417.10 | 31.52 | 0.00 | 0.14 | 18.07 | |
| 12/15/2022 0:00 | 14.79 | 309125.20 | 34.84 | 0.00 | 0.11 | 17.03 | |
| 12/15/2022 1:00 | 14.80 | 307205.20 | 32.41 | 0.00 | 0.12 | 16.87 | |
| 12/15/2022 2:00 | 14.79 | 310117.90 | 34.03 | 0.00 | 0.15 | 16.72 | |
| 12/15/2022 3:00 | 14.80 | 304673.70 | 32.93 | 0.00 | 0.13 | 16.72 | |
| 12/15/2022 4:00 | 14.81 | 302079.50 | 32.83 | 0.00 | 0.24 | 16.42 | |
| 12/15/2022 5:00 | 14.82 | 299610.60 | 32.01 | 0.00 | 0.11 | 16.20 | |
| 12/15/2022 6:00 | 14.84 | 299613.40 | 32.69 | 0.00 | 0.16 | 16.08 | |
| 12/15/2022 7:00 | 14.85 | 298481.30 | 31.54 | 0.00 | 0.18 | 16.01 | |
| 12/15/2022 8:00 | 14.83 | 311349.60 | 38.25 | 0.00 | 0.09 | 15.76 | |
| 12/15/2022 9:00 | 14.82 | 320724.90 | 37.43 | 0.00 | 0.11 | 15.90 | |
| 12/15/2022 10:00 | 14.78 | 325711.20 | 40.33 | 0.00 | 0.08 | 15.58 | |
| 12/15/2022 11:00 | 14.81 | 328075.20 | 39.86 | 0.00 | 0.05 | 16.24 | |
| 12/15/2022 12:00 | 14.78 | 317732.20 | 33.09 | 0.03 | 0.19 | 16.37 | |
| 12/15/2022 13:00 | 14.54 | 361096.10 | 33.93 | 0.00 | 0.07 | 16.96 | |
| 12/15/2022 14:00 | 14.56 | 352759.00 | 35.55 | 0.00 | 0.04 | 16.61 | |
| 12/15/2022 15:00 | 14.60 | 355060.20 | 36.58 | 0.00 | 0.06 | 15.85 | |
| 12/15/2022 16:00 | 14.62 | 349775.20 | 39.81 | 0.00 | 0.07 | 16.27 | |
| 12/15/2022 17:00 | 14.57 | 338718.80 | 47.07 | 0.00 | 0.08 | 16.96 | |
| 12/15/2022 18:00 | 14.59 | 339866.40 | 43.98 | 0.00 | 0.10 | 17.37 | |
| 12/15/2022 19:00 | 14.62 | 337316.50 | 52.26 | 0.00 | 0.10 | 17.29 | |
| 12/15/2022 20:00 | 14.64 | 339989.80 | 43.26 | 0.00 | 0.10 | 17.36 | |
| 12/15/2022 21:00 | 14.65 | 338718.80 | 43.03 | 0.00 | 0.10 | 17.17 | |
| 12/15/2022 22:00 | 14.63 | 341315.80 | 45.67 | 0.00 | 0.11 | 17.35 | |
| 12/15/2022 23:00 | 14.83 | 306963.40 | 30.35 | 0.00 | 0.10 | 17.56 | |
| 12/16/2022 0:00 | 14.80 | 303536.30 | 34.32 | 0.01 | 0.05 | 16.16 | |
| 12/16/2022 1:00 | 14.79 | 303987.20 | 36.27 | 0.00 | 0.05 | 15.85 | |
| 12/16/2022 2:00 | 14.79 | 305757.40 | 33.42 | 0.00 | 0.09 | 16.37 | |
| 12/16/2022 3:00 | 14.80 | 300799.50 | 29.69 | 0.01 | 0.06 | 17.20 | |
| 12/16/2022 4:00 | 14.78 | 301135.20 | 29.01 | 0.01 | 0.06 | 16.93 | |
| 12/16/2022 5:00 | 14.80 | 298673.90 | 28.63 | 0.03 | 0.13 | 16.88 | |
| 12/16/2022 6:00 | 14.78 | 303043.80 | 31.69 | 0.01 | 0.14 | 16.54 | |
| 12/16/2022 7:00 | 14.81 | 305763.10 | 27.52 | 0.01 | 0.06 | 17.00 | |
| 12/16/2022 8:00 | 14.77 | 319112.10 | 32.77 | 0.04 | 0.08 | 16.97 | |
| 12/16/2022 9:00 | 14.76 | 323376.90 | 33.69 | 0.05 | 0.08 | 17.10 | |
| 12/16/2022 10:00 | 14.71 | 328533.70 | 36.69 | 0.09 | 0.07 | 16.69 | |
| 12/16/2022 11:00 | 14.70 | 326900.20 | 37.71 | 0.15 | 0.07 | 16.47 | |
| 12/16/2022 12:00 | 14.70 | 322716.00 | 29.10 | 0.00 | 0.05 | 16.07 | |
| 12/16/2022 13:00 | 14.50 | 354587.90 | 33.59 | 0.00 | 0.05 | 15.58 | |
| 12/16/2022 14:00 | 14.49 | 352716.30 | 30.99 | 0.00 | 0.07 | 15.69 | |

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|------------------|----------------------------|---|---|-------|----------------|----------------|-------------------|---------------|
| | O2 | | FLOW @ 1 ATM | | | | | |
| | | | ZGC | | HRSG1_Nox@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 |
| | | % | mg/h3 | ppm | ppm | ppm | mg/m3 | ppm |
| 12/19/2022 18:00 | 14.65 | | 341568.90 | 46.04 | 0.00 | 0.00 | 0.09 | 20.42 |
| 12/19/2022 19:00 | 14.65 | | 341093.90 | 47.22 | 0.00 | 0.00 | 0.10 | 20.85 |
| 12/19/2022 20:00 | 14.68 | | 338329.10 | 44.02 | 0.00 | 0.00 | 0.09 | 20.41 |
| 12/19/2022 21:00 | 14.67 | | 339158.00 | 45.00 | 0.00 | 0.00 | 0.10 | 20.47 |
| 12/19/2022 22:00 | 14.65 | | 340823.70 | 46.03 | 0.00 | 0.00 | 0.10 | 20.35 |
| 12/19/2022 23:00 | 14.85 | | 320696.80 | 29.87 | 0.00 | 0.00 | 0.09 | 19.45 |
| 12/20/2022 0:00 | 14.80 | | 309666.30 | 33.27 | 0.00 | 0.00 | 0.09 | 18.83 |
| 12/20/2022 1:00 | 14.83 | | 304180.60 | 28.75 | 0.00 | 0.00 | 0.10 | 19.24 |
| 12/20/2022 2:00 | 14.81 | | 307677.40 | 29.13 | 0.00 | 0.00 | 0.12 | 19.17 |
| 12/20/2022 3:00 | 14.83 | | 304053.60 | 26.76 | 0.00 | 0.00 | 0.12 | 19.00 |
| 12/20/2022 4:00 | 14.82 | | 302136.40 | 26.75 | 0.00 | 0.00 | 0.15 | 19.76 |
| 12/20/2022 5:00 | 14.84 | | 299154.40 | 26.40 | 0.00 | 0.00 | 0.15 | 18.87 |
| 12/20/2022 6:00 | 14.83 | | 301123.80 | 29.44 | 0.00 | 0.00 | 0.15 | 18.69 |
| 12/20/2022 7:00 | 14.84 | | 301672.80 | 31.81 | 0.00 | 0.00 | 0.11 | 18.44 |
| 12/20/2022 8:00 | 14.82 | | 316239.20 | 36.65 | 0.00 | 0.00 | 0.09 | 18.56 |
| 12/20/2022 9:00 | 14.80 | | 323680.50 | 38.22 | 0.00 | 0.00 | 0.10 | 18.66 |
| 12/20/2022 10:00 | 14.77 | | 324394.20 | 41.00 | 0.00 | 0.00 | 0.07 | 18.43 |
| 12/20/2022 11:00 | 14.77 | | 321814.10 | 34.06 | 0.00 | 0.00 | 0.10 | 18.62 |
| 12/20/2022 12:00 | 14.75 | | 317103.90 | 33.26 | 0.00 | 0.00 | 0.10 | 19.56 |
| 12/20/2022 13:00 | 14.57 | | 354571.90 | 35.18 | 0.00 | 0.00 | 0.06 | 18.81 |
| 12/20/2022 14:00 | 14.54 | | 343722.80 | 45.01 | 0.00 | 0.00 | 0.05 | 18.92 |
| 12/20/2022 15:00 | 14.55 | | 342900.20 | 47.62 | 0.00 | 0.00 | 0.08 | 19.31 |
| 12/20/2022 16:00 | 14.66 | | 347009.20 | 34.71 | 0.00 | 0.00 | 0.05 | 17.93 |
| 12/20/2022 17:00 | 14.64 | | 346891.00 | 39.61 | 0.00 | 0.00 | 0.06 | 18.15 |
| 12/20/2022 18:00 | 14.63 | | 344038.40 | 41.80 | 0.00 | 0.00 | 0.08 | 18.90 |
| 12/20/2022 19:00 | 14.66 | | 341460.90 | 41.90 | 0.00 | 0.00 | 0.09 | 18.56 |
| 12/20/2022 20:00 | 14.69 | | 339082.90 | 41.07 | 0.00 | 0.00 | 0.08 | 18.24 |
| 12/20/2022 21:00 | 14.68 | | 340500.00 | 41.33 | 0.00 | 0.00 | 0.08 | 18.03 |
| 12/20/2022 22:00 | 14.68 | | 341591.70 | 39.45 | 0.00 | 0.00 | 0.09 | 18.19 |
| 12/20/2022 23:00 | 14.81 | | 306590.80 | 31.90 | 0.00 | 0.00 | 0.11 | 19.30 |
| 12/21/2022 0:00 | 14.79 | | 306132.90 | 31.50 | 0.00 | 0.00 | 0.12 | 17.93 |
| 12/21/2022 1:00 | 14.79 | | 305723.30 | 30.86 | 0.00 | 0.00 | 0.05 | 17.87 |
| 12/21/2022 2:00 | 14.78 | | 307121.00 | 33.11 | 0.00 | 0.00 | 0.10 | 17.77 |
| 12/21/2022 3:00 | 14.82 | | 300557.80 | 26.04 | 0.00 | 0.00 | 0.06 | 18.05 |
| 12/21/2022 4:00 | 14.80 | | 302463.50 | 24.16 | 0.00 | 0.00 | 0.02 | 17.99 |
| 12/21/2022 5:00 | 14.80 | | 299946.90 | 27.56 | 0.00 | 0.00 | 0.09 | 17.31 |
| 12/21/2022 6:00 | 14.83 | | 295129.20 | 25.29 | 0.00 | 0.00 | 0.16 | 17.50 |
| 12/21/2022 7 | | | | | | | | |

| Date & Time | Actual Operating Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|--------------|---|-----------------|-------------------|----------------|-----------------|
| | O2 | Flow @ 1 ATM | HRSG1 | | | | HRSG1_CO2 @ %N2 |
| | | ZSC | HRSG1_NOx @ %O2 | HRSG1_SOx @ %O2 | HRSG1_Dust (%/O2) | HRSG1_CO @ %N2 | |
| | % | ppm | ppm | ppm | mg/m3 | ppm | |
| 12/23/2022 21:00 | 14.66 | 336983.70 | 34.04 | 0.00 | 0.08 | 16.69 | |
| 12/23/2022 22:00 | 14.63 | 304284.60 | 38.53 | 0.03 | 0.09 | 17.59 | |
| 12/23/2022 23:00 | 14.84 | 302382.70 | 30.08 | 0.02 | 0.09 | 17.73 | |
| 12/23/2022 0:00 | 14.82 | 304488.80 | 32.41 | 0.11 | 0.07 | 17.65 | |
| 12/23/2022 1:00 | 14.80 | 305791.50 | 31.11 | 0.11 | 0.04 | 17.26 | |
| 12/23/2022 2:00 | 14.82 | 302190.50 | 28.07 | 0.14 | 0.07 | 17.28 | |
| 12/23/2022 3:00 | 14.84 | 297969.30 | 26.41 | 0.34 | 0.06 | 17.35 | |
| 12/23/2022 4:00 | 14.83 | 298621.00 | 23.84 | 0.11 | 0.07 | 16.84 | |
| 12/23/2022 5:00 | 14.90 | 291060.20 | 19.24 | 0.00 | 0.27 | 17.10 | |
| 12/23/2022 6:00 | 14.87 | 296410.60 | 21.47 | 0.00 | 0.20 | 16.35 | |
| 12/23/2022 7:00 | 14.89 | 297724.70 | 25.83 | 0.00 | 0.16 | 16.42 | |
| 12/23/2022 8:00 | 14.86 | 309509.20 | 32.45 | 0.07 | 0.13 | 16.42 | |
| 12/23/2022 9:00 | 14.84 | 318123.10 | 34.02 | 0.06 | 0.10 | 16.28 | |
| 12/23/2022 10:00 | 14.81 | 320204.30 | 35.94 | 0.05 | 0.07 | 16.23 | |
| 12/23/2022 11:00 | 14.81 | 319004.00 | 33.19 | 0.03 | 0.05 | 16.59 | |
| 12/23/2022 12:00 | 14.82 | 314888.10 | 23.82 | 0.11 | 0.05 | 16.28 | |
| 12/23/2022 13:00 | 14.61 | 351962.60 | 44.77 | 0.08 | 0.05 | 17.46 | |
| 12/23/2022 14:00 | 14.59 | 352628.20 | 32.89 | 0.07 | 0.05 | 16.24 | |
| 12/23/2022 15:00 | 14.65 | 348999.10 | 35.61 | 0.07 | 0.06 | 16.01 | |
| 12/23/2022 16:00 | 14.64 | 352301.00 | 35.10 | 0.08 | 0.05 | 17.20 | |
| 12/23/2022 17:00 | 14.72 | 346012.00 | 37.69 | 0.05 | 0.08 | 17.84 | |
| 12/23/2022 18:00 | 14.71 | 348661.40 | 35.85 | 0.04 | 0.10 | 17.70 | |
| 12/23/2022 19:00 | 14.69 | 342641.30 | 42.88 | 0.04 | 0.10 | 16.23 | |
| 12/23/2022 20:00 | 14.69 | 338724.50 | 43.28 | 0.10 | 0.10 | 16.49 | |
| 12/23/2022 21:00 | 14.67 | 339860.30 | 44.74 | 0.16 | 0.11 | 17.29 | |
| 12/23/2022 22:00 | 14.65 | 341187.80 | 44.77 | 0.06 | 0.17 | 17.45 | |
| 12/23/2022 23:00 | 14.85 | 306258.00 | 31.88 | 0.11 | 0.17 | 17.76 | |
| 12/24/2022 0:00 | 14.83 | 305410.40 | 35.37 | 0.03 | 0.17 | 16.33 | |
| 12/24/2022 1:00 | 14.87 | 304657.80 | 30.89 | 0.06 | 0.16 | 16.33 | |
| 12/24/2022 2:00 | 14.84 | 302802.00 | 29.26 | 0.00 | 0.23 | 16.15 | |
| 12/24/2022 3:00 | 14.82 | 300293.20 | 28.86 | 0.00 | 0.23 | 15.67 | |
| 12/24/2022 4:00 | 14.87 | 295972.90 | 26.59 | 0.00 | 0.25 | 16.00 | |
| 12/24/2022 5:00 | 14.87 | 294447.80 | 28.87 | 0.00 | 0.22 | 16.42 | |
| 12/24/2022 6:00 | 14.92 | 290636.30 | 26.37 | 0.00 | 0.27 | 16.36 | |
| 12/24/2022 7:00 | 14.90 | 293563.30 | 28.22 | 0.00 | 0.21 | 15.94 | |
| 12/24/2022 8:00 | 14.87 | 302668.30 | 33.20 | 0.00 | 0.09 | 15.70 | |
| 12/24/2022 9:00 | 14.89 | 305049.00 | 28.23 | 0.00 | 0.15 | 16.00 | |
| 12/24/2022 10:00 | 14.85 | 310308.50 | 33.13 | 0.01 | 0.14 | 15.80 | |
| 12/24/2022 11:00 | 14.84 | 308536.40 | 31.06 | 0.00 | 0.12 | 16.07 | |
| 12/24/2022 12:00 | 14.81 | 307745.70 | 29.45 | 0.01 | 0.12 | 19.19 | |
| 12/24/2022 13:00 | 14.59 | 354411.60 | 44.77 | 0.03 | 0.13 | 16.33 | |
| 12/24/2022 14:00 | 14.63 | 348736.90 | 39.85 | 0.01 | 0.17 | 15.55 | |
| 12/24/2022 15:00 | 14.60 | 352343.70 | 37.64 | 0.01 | 0.29 | 15.94 | |
| 12/24/2022 16:00 | 14.67 | 348845.00 | 38.93 | 0.00 | 0.29 | 15.37 | |
| 12/24/2022 17:00 | 14.75 | 344538.60 | 37.68 | 0.02 | 0.16 | 1 | |

| Date & Time | Actual Operation | | Emission Concentration for Standardization Comparison | | | | |
|------------------|------------------|--------------|---|----------------|-----------------|---------------|----------|
| | Q2 | Flow @ 1 ATM | ZSC | | | | |
| | % | m3/hr | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(%)O2 | HRSG1_CO@7%O2 | |
| 12/26/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/26/2022 9:00 | 15.21 | 287017.20 | 34.96 | 0.07 | 0.09 | 0.29 | 42.11 |
| 12/26/2022 10:00 | 14.80 | 306155.60 | 29.78 | 0.00 | 0.00 | 0.22 | 29.69 |
| 12/26/2022 11:00 | 14.82 | 304412.00 | 25.47 | 0.00 | 0.00 | 0.27 | 22.70 |
| 12/26/2022 12:00 | 14.83 | 303215.00 | 23.42 | 0.00 | 0.12 | 0.23 | 22.58 |
| 12/26/2022 13:00 | 14.56 | 346532.50 | 38.17 | 0.00 | 0.20 | 0.24 | 24.71 |
| 12/26/2022 14:00 | 14.56 | 340758.30 | 41.33 | 0.00 | 0.20 | 0.20 | 23.94 |
| 12/26/2022 15:00 | 14.60 | 336987.30 | 40.74 | 0.00 | 0.00 | 0.18 | 23.71 |
| 12/26/2022 16:00 | 14.62 | 335822.50 | 37.03 | 0.00 | 0.00 | 0.12 | 23.23 |
| 12/26/2022 17:00 | 14.61 | 333408.30 | 36.78 | 0.00 | 0.00 | 0.09 | 22.54 |
| 12/26/2022 18:00 | 14.67 | 332980.50 | 36.97 | 0.00 | 0.00 | 0.09 | 22.64 |
| 12/26/2022 19:00 | 14.69 | 332079.90 | 39.19 | 0.00 | 0.10 | 0.22 | 22.56 |
| 12/26/2022 20:00 | 14.69 | 334410.10 | 38.78 | 0.00 | 0.11 | 0.21 | 22.71 |
| 12/26/2022 21:00 | 14.69 | 333012.90 | 39.51 | 0.00 | 0.00 | 0.10 | 22.37 |
| 12/26/2022 22:00 | 14.74 | 328369.20 | 34.98 | 0.00 | 0.14 | 0.20 | 22.30 |
| 12/26/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 12/27/2022 10:00 | 14.78 | 306056.10 | 33.53 | 0.00 | 0.11 | 0.23 | 23.99 |
| 12/27/2022 11:00 | 14.80 | 303855.60 | 30.77 | 0.00 | 0.07 | 0.06 | 23.22 |
| 12/27/2022 12:00 | 14.85 | 298137.10 | 24.46 | 0.00 | 0.05 | 0.04 | 24.12 |
| 12/27/2022 13:00 | 14.60 | 342652.70 | 43.91 | 0.00 | 0.02 | 0.16 | 23.15 |
| 12/27/2022 14:00 | 14.58 | 338494.10 | 44.20 | 0.00 | 0.04 | 0.04 | 23.17 |
| 12/27/2022 15:00 | 14.62 | 336028.00 | 42.31 | 0.00 | 0.00 | 0.06 | 22.77 |
| 12/27/2022 16:00 | 14.64 | 335236.90 | 41.56 | 0.00 | 0.00 | 0.06 | 22.55 |
| 12/27/2022 17:00 | 14.64 | 334410.10 | 39.73 | 0.00 | 0.00 | 0.12 | 22.69 |
| 12/27/2022 18:00 | 14.61 | 333678.50 | 38.72 | 0.00 | 0.00 | 0.00 | 22.19 |
| 12/27/2022 19:00 | 14.64 | 334312.80 | 38.21 | 0.00 | 0.00 | 0.00 | 22.52 |
| 12/27/2022 20:00 | 14.68 | 337003.60 | 38.48 | 0.00 | 0.00 | 0.04 | 22.28 |
| 12/27/2022 21:00 | 14.70 | 337018.20 | 37.88 | 0.00 | 0.00 | 0.00 | 22.38 |
| 12/27/ | | | | | | | |

[illegible]

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/07/2020 00:00-31/07/2020 23:59

| Date & Time | Actual Operation Condition | | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|--------------------|----------------|---|------------------|---------------|--|--|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | | |
| 7/1/2022 0:00 | 15.12 | 233861.9 | ppm | ppm | mg/m3 | ppm | | |
| 7/1/2022 1:00 | 15.12 | 233861.9 | 27.81 | 1.55 | 0.59 | 15.71 | | |
| 7/1/2022 1:00 | 15.12 | 233861.9 | 28.4 | 1.72 | 0.48 | 15.84 | | |
| 7/1/2022 2:00 | 15.13 | 287069.4 | 29.63 | 1.76 | 0.84 | 14.93 | | |
| 7/1/2022 3:00 | 15.12 | 289665.1 | 30.47 | 1.52 | 0.51 | 14.51 | | |
| 7/1/2022 4:00 | 15.14 | 28675.5 | 28.17 | 1.34 | 1.42 | 15 | | |
| 7/1/2022 5:00 | 15.17 | 286391.5 | 24.71 | 1.49 | 1.61 | 15.86 | | |
| 7/1/2022 6:00 | 15.18 | 285846.3 | 24.74 | 1.5 | 2.08 | 15.87 | | |
| 7/1/2022 7:00 | 15.19 | 283957.6 | 21.82 | 1.49 | 3.68 | 16.79 | | |
| 7/1/2022 8:00 | 15.19 | 300431.7 | 26.37 | 1.36 | 0.81 | 14.36 | | |
| 7/1/2022 9:00 | 15.05 | 325924.9 | 24.22 | 1.26 | 0.36 | 13.96 | | |
| 7/1/2022 10:00 | 14.92 | 337699.9 | 41.49 | 1.05 | 0.35 | 10.33 | | |
| 7/1/2022 11:00 | 14.85 | 33871.7 | 45.49 | 1.08 | 0.35 | 9.84 | | |
| 7/1/2022 12:00 | 14.88 | 337574.9 | 44.25 | 1.08 | 0.35 | 9.83 | | |
| 7/1/2022 13:00 | 14.88 | 336141.8 | 43.92 | 1.06 | 0.35 | 10.05 | | |
| 7/1/2022 14:00 | 14.86 | 334575.5 | 44.23 | 1.04 | 0.35 | 10.59 | | |
| 7/1/2022 15:00 | 14.97 | 334963.5 | 43.61 | 1.06 | 0.35 | 10.98 | | |
| 7/1/2022 16:00 | 14.88 | 334472.9 | 42.67 | 1 | 0.35 | 10.83 | | |
| 7/1/2022 17:00 | 14.9 | 334790.6 | 42.12 | 0.98 | 0.35 | 10.72 | | |
| 7/1/2022 18:00 | 14.91 | 336536.9 | 37.58 | 0.97 | 0.35 | 11.42 | | |
| 7/1/2022 19:00 | 14.88 | 332045.8 | 33.32 | 1.06 | 0.35 | 11.49 | | |
| 7/1/2022 20:00 | 15.03 | 317964.3 | 35.8 | 1.19 | 0.36 | 14.72 | | |
| 7/1/2022 21:00 | 15.01 | 324485.2 | 43.67 | 1.17 | 0.35 | 12.07 | | |
| 7/1/2022 22:00 | 15 | 326329.4 | 44.06 | 1.27 | 0.35 | 12.08 | | |
| 7/1/2022 23:00 | 15.11 | 307051.7 | 30.39 | 1.39 | 0.35 | 12.08 | | |
| 7/2/2022 0:00 | 15.13 | 289798.6 | 33.91 | 1.47 | 0.72 | 13.79 | | |
| 7/2/2022 1:00 | 15.14 | 290047.8 | 33.18 | 1.63 | 0.73 | 14.23 | | |
| 7/2/2022 2:00 | 15.16 | 290594.6 | 29.17 | 1.3 | 0.59 | 15.61 | | |
| 7/2/2022 3:00 | 15.16 | 290594.6 | 29.17 | 1.3 | 0.59 | 15.61 | | |
| 7/2/2022 4:00 | 15.15 | 282887 | 28.92 | 1.43 | 2.71 | 15.41 | | |
| 7/2/2022 5:00 | 15.22 | 275134.1 | 19.86 | 1.48 | 7.34 | 18.91 | | |
| 7/2/2022 6:00 | 15.28 | 268810.2 | 13.65 | 1.61 | 8.1 | 22.38 | | |
| 7/2/2022 7:00 | 15.22 | 27172.5 | 17.67 | 1.25 | 8.15 | 21.93 | | |
| 7/2/2022 8:00 | 15.21 | 278291.4 | 21.27 | 1.53 | 7.05 | 17.68 | | |
| 7/2/2022 9:00 | 15.18 | 303029.5 | 19.28 | 1.49 | 4.28 | 17.03 | | |
| 7/2/2022 10:00 | 15.01 | 322991.9 | 38.45 | 1.31 | 0.35 | 11.04 | | |
| 7/2/2022 11:00 | 14.96 | 320363.2 | 35.33 | 1.29 | 0.35 | 10.59 | | |
| 7/2/2022 12:00 | 15 | 330150.8 | 29.54 | 1.28 | 0.36 | 11.59 | | |
| 7/2/2022 13:00 | 14.98 | 330758.6 | 32.28 | 1.3 | 0.35 | 11.16 | | |
| 7/2/2022 14:00 | 14.98 | 327317.8 | 31.1 | 1.31 | 0.35 | 11.64 | | |
| 7/2/2022 15:00 | 14.98 | 328478.8 | 26.94 | 1.28 | 0.35 | 12.63 | | |
| 7/2/2022 16:00 | 15 | 327767.7 | 27.54 | 1.27 | 0.35 | 12.65 | | |
| 7/2/2022 17:00 | 14.99 | 318275.3 | 30.41 | 1.27 | 0.35 | 13.06 | | |
| 7/2/2022 18:00 | 15.02 | 317593.3 | 28.09 | 1.28 | 0.35 | 13.96 | | |
| 7/2/2022 19:00 | 15.02 | 315482.6 | 32.43 | 1.29 | 0.35 | 12.2 | | |
| 7/2/2022 20:00 | 15.03 | 313924.6 | 36.96 | 1.33 | 0.36 | 10.96 | | |
| 7/2/2022 21:00 | 15.05 | 316975.9 | 38.48 | 1.35 | 0.36 | 10.75 | | |
| 7/2/2022 22:00 | 15.07 | 318607.9 | 38.63 | 1.07 | 1.1 | 10.75 | | |
| 7/2/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 19:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 20:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 21:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/3/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/4/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/4/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 7/4/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/07/2020 00:00-31/07/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW @1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | 25C | mg/m3 | ppm | ppm | mg/m3 | |
| 7/1/2022 6:00 | 15.19 | 299599.6 | 27.81 | 1.59 | 0.54 | 18.16 | |
| 7/1/2022 7:00 | 15.2 | 305655.7 | 25.68 | 1.64 | 0.37 | 20.13 | |
| 7/1/2022 8:00 | 15.17 | 314122.2 | 29.48 | 1.49 | 0.36 | 19.36 | |
| 7/1/2022 9:00 | 15.09 | 331489.4 | 30.55 | 1.53 | 0.36 | 14.04 | |
| 7/1/2022 10:00 | 15.06 | 343099.7 | 32.09 | 1.16 | 0.36 | 11.8 | |
| 7/1/2022 11:00 | 15.03 | 343449.1 | 33.95 | 1.44 | 0.36 | 11.21 | |
| 7/1/2022 12:00 | 14.98 | 340924.6 | 41.37 | 1.42 | 0.35 | 10.78 | |
| 7/1/2022 13:00 | 14.97 | 346399.6 | 32.6 | 1.13 | 0.35 | 8.56 | |
| 7/1/2022 14:00 | 14.89 | 342672.6 | 33.77 | 1.06 | 0.35 | 9.83 | |
| 7/1/2022 15:00 | 14.85 | 346381.1 | 31.41 | 1.12 | 0.34 | 8.23 | |
| 7/1/2022 16:00 | 14.86 | 347289.9 | 28.54 | 1.07 | 0.35 | 8.68 | |
| 7/1/2022 17:00 | 14.99 | 337965.3 | 39.01 | 1.2 | 0.35 | 12.76 | |
| 7/1/2022 18:00 | 15.05 | 337586.9 | 33.61 | 1.24 | 0.36 | 14.69 | |
| 7/1/2022 19:00 | 15.08 | 338616.4 | 31.74 | 1.25 | 0.36 | 15.49 | |
| 7/1/2022 20:00 | 15.07 | 336059.5 | 34.1 | 1.27 | 0.36 | 16 | |
| 7/1/2022 21:00 | 15.07 | 330878.6 | 36.34 | 1.38 | 0.36 | 15.89 | |
| 7/1/2022 22:00 | 15.07 | 329091.1 | 39.87 | 1.4 | 0.36 | 15.41 | |
| 7/1/2022 23:00 | 15.21 | 304521.6 | 26.62 | 1.52 | 0.86 | 22.02 | |
| 7/2/2022 0:00 | 15.2 | 297523.5 | 26.5 | 1.53 | 0.41 | 21.41 | |
| 7/2/2022 1:00 | 15.19 | 297898.2 | 26.05 | 1.38 | 0.47 | 22.29 | |
| 7/2/2022 2:00 | 15.2 | 28619.2 | 28.19 | 1.44 | 0.46 | 23.49 | |
| 7/2/2022 3:00 | 15.2 | 293702.6 | 21.5 | 1.42 | 0.49 | 24.39 | |
| 7/2/2022 4:00 | 15.2 | 292416.3 | 20.88 | 1.53 | 0.79 | 24.8 | |
| 7/2/2022 5:00 | 15.21 | 291088.6 | 20.63 | 1.5 | 1.1 | 24.87 | |
| 7/2/2022 6:00 | 15.23 | 291242.8 | 19.21 | 1.65 | 1.92 | 24.87 | |
| 7/2/2022 7:00 | 15.22 | 29363.3 | 21.11 | 1.63 | 0.74 | 24.79 | |
| 7/2/2022 8:00 | 15.14 | 307108.4 | 29.97 | 1.54 | 0.37 | 20.09 | |
| 7/2/2022 9:00 | 15.04 | 331438 | 33.51 | 1.39 | 0.36 | 17.22 | |
| 7/2/2022 10:00 | 14.99 | 340767.3 | 33.91 | 1.06 | 0.35 | 14.15 | |
| 7/2/2022 11:00 | 14.95 | 339246.5 | 35.75 | 1.2 | 0.35 | 13.7 | |
| 7/2/2022 12:00 | 14.93 | 341890 | 27.23 | 1.19 | 0.35 | 12.56 | |
| 7/2/2022 13:00 | 14.99 | 344067.7 | 25.21 | 1.25 | 0.35 | 14.98 | |
| 7/2/2022 14:00 | 14.96 | 335306.6 | 36.04 | 1.42 | 0.35 | 15.21 | |
| 7/2/2022 15:00 | 14.95 | 330333.4 | 36.89 | 1.72 | 0.35 | 15.5 | |
| 7/2/2022 16:00 | 15.01 | 335574.4 | 29.71 | 1.49 | 0.35 | 20.15 | |
| 7/2/2022 17:00 | 15.06 | 343144.5 | 21.76 | 1.65 | 0.35 | 20.75 | |
| 7/2/2022 18:00 | 15.06 | 345068.8 | 22.7 | 1.62 | 0.36 | 27.33 | |
| 7/2/2022 19:00 | 15.08 | 346767.6 | 22.7 | 1.76 | 0.36 | 31.01 | |
| 7/2/2022 20:00 | 15.06 | 348076.3 | 24.81 | 1.76 | 0.36 | 28.35 | |
| 7/2/2022 21:00 | 15.08 | 348616.4 | 31.45 | 1.66 | 0.36 | 22.31 | |
| 7/2/2022 22:00 | 15.08 | 346616.2 | 28.21 | 1.7 | 0.36 | 19.27 | |
| 7/2/2022 23:00 | 15.23 | 310958.8 | 26.07 | 1.7 | 0.9 | 20.49 | |
| 7/2/2022 0:00 | 15.22 | 297709.7 | 27.3 | 1.8 | 0.47 | 19.83 | |
| 7/2/2022 1:00 | 15.2 | 293046.8 | 27.16 | 1.82 | 0.64 | 20.11 | |
| 7/2/2022 2:00 | 15.19 | 294589.7 | 26.27 | 1.87 | 0.7 | 20.84 | |
| 7/2/2022 3:00 | 15.25 | 286807.7 | 17.87 | 1.96 | 2.63 | 26.14 | |
| 7/2/2022 4:00 | 15.22 | 290334.1 | 23.7 | 2.02 | 2.39 | 22.51 | |
| 7/2/2022 5:00 | 15.25 | 283559.3 | 19.2 | 2.11 | 4.46 | 25.39 | |
| 7/2/2022 6:00 | 15.22 | 277802.2 | 22.48 | 2.02 | 6.38 | 22.31 | |
| 7/2/2022 7:00 | 15.2 | 278750.8 | 24.58 | 2.03 | 4.78 | 20.65 | |
| 7/2/2022 8:00 | 15.17 | 290372.1 | 28.92 | 2.04 | 0.45 | 18.55 | |
| 7/2/2022 9:00 | 15.16 | 313913.5 | 22.49 | 2.04 | 2.04 | 21.49 | |
| 7/2/2022 10:00 | 15.03 | 345935.2 | 27.45 | 1.78 | 0.36 | 13.33 | |
| 7/2/2022 11:00 | 14.94 | 349612.2 | 29.21 | 1.72 | 0.35 | 9.63 | |
| 7/2/2022 12:00 | 14.92 | 346836 | 27.06 | 1.57 | 0.35 | 11.04 | |
| 7/2/2022 13:00 | 14.88 | 346407.3 | 27.08 | 1.47 | 0.35 | 10.64 | |
| 7/2/2022 14:00 | 14.9 | 342662.1 | 32.76 | 1.57 | 0.35 | 10.04 | |
| 7/2/2022 15:00 | 14.89 | 342072.4 | 33.29 | 1.52 | 0.35 | 11.25 | |
| 7/2/2022 16:00 | 14.98 | 337819.7 | 28.78 | 1.59 | 0.35 | 14.98 | |
| 7/2/2022 17:00 | 14.96 | 341104 | 29.45 | 1.54 | 0.35 | 15.29 | |
| 7/2/2022 18:00 | 14.97 | 344314.2 | 25.96 | 1.57 | 0.35 | 15.97 | |
| 7/2/2022 19:00 | 15.06 | 344293.9 | 20.79 | 1.82 | 0.36 | 21.91 | |
| 7/2/2022 20:00 | 15.07 | 345116 | 20.79 | 1.64 | 0.36 | 22.02 | |
| 7/2/2022 21:00 | 15.14 | 340300.3 | 17.89 | 1.93 | 0.36 | 28.34 | |
| 7/2/2022 22:00 | 15.18 | 338958.2 | 16.96 | 1.11 | 0.36 | 32.8 | |
| 7/10/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/10/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/07/2020 00:00-31/07/2020 23:59

| Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------------------|----------|---|----------------|----------------|-------------------|---------------|
| Date & Time | O2 | Flow #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm |
| 7/13/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 19:00 | 14.96 | 348179.5 | 31.21 | 2.52 | 0.35 | 11.61 |
| 7/13/2022 20:00 | 14.97 | 350550.3 | 30.17 | 2.4 | 0.35 | 11.24 |
| 7/13/2022 21:00 | 14.97 | 350774.3 | 29.81 | 2.47 | 0.35 | 11.24 |
| 7/13/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/13/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 00:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/14/2022 10:00 | 15 | 342144.7 | 34.97 | 2.39 | 0.35 | 11.06 |
| 7/14/2022 11:00 | 14.93 | 347146.4 | 33.74 | 2.12 | 0.35 | 10.98 |
| 7/14/2022 12:00 | 14.95 | 344788.3 | 35.05 | 1.55 | 0.35 | 9.33 |
| 7/14/2022 13:00 | 14.9 | 347817.1 | 34.7 | 1.77 | 0.35 | 7.98 |
| 7/14/2022 14:00 | 14.92 | 343899.5 | 36.69 | 1.88 | 0.35 | 8.88 |
| 7/14/2022 15:00 | 14.97 | 342943.6 | 36.29 | 1.97 | 0.35 | 9.37 |
| 7/14/2022 16:00 | 14.92 | 342751.4 | 37.01 | 1.78 | 0.35 | 9.17 |
| 7/14/2022 17:00 | 14.98 | 334727.3 | 35.78 | 1.75 | 0.35 | 12 |
| 7/14/2022 18:00 | 14.95 | 332721.1 | 42.62 | 1.67 | 0.35 | 11.3 |
| 7/14/2022 19:00 | 15.01 | 321889.5 | 41.11 | 1.69 | 0.35 | 12.25 |
| 7/14/2022 20:00 | 15.01 | 318002.4 | 39.26 | 1.71 | 0.35 | 12.14 |
| 7/14/2022 21:00 | 15.03 | 313702.4 | 38.37 | 1.78 | 0.35 | 12.48 |
| 7/14/2022 22:00 | 15.04 | 314851.4 | 37.98 | 1.81 | 0.35 | 12.52 |
| 7/14/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/15/2022 9:00 | 15.07 | 322893.8 | 27.5 | 2.48 | 0.36 | 14.02 |
| 7/15/2022 10:00 | 15.01 | 344161.3 | 32.91 | 2.05 | 0.36 | 10.98 |
| 7/15/2022 11:00 | 15.01 | 341591.1 | 34.79 | 1.86 | 0.35 | 10.09 |
| 7/15/2022 12:00 | 14.96 | 342457 | 39.73 | 1.67 | 0.35 | 9.75 |
| 7/15/2022 13:00 | 14.99 | 342086.8 | 35.97 | 1.66 | 0.35 | 10.79 |
| 7/15/2022 14:00 | 14.98 | 341526.3 | 34.88 | 1.6 | 0.35 | 10.79 |
| 7/15/2022 15:00 | 14.96 | 339574.4 | 38.17 | 1.55 | 0.35 | 10.94 |
| 7/15/2022 16:00 | 14.98 | 337819.5 | 35.48 | 1.63 | 0.35 | 11.75 |
| 7/15/2022 17:00 | 14.98 | 324190.2 | 40.7 | 1.68 | 0.35 | 12.24 |
| 7/15/2022 18:00 | 14.97 | 32894.6 | 41.58 | 1.65 | 0.35 | 12.25 |
| 7/15/2022 19:00 | 14.99 | 327588.5 | 40.75 | 1.68 | 0.35 | 12.5 |
| 7/15/2022 20:00 | 15.02 | 322643.5 | 38.75 | 1.74 | 0.35 | 12.71 |
| 7/15/2022 21:00 | 15.02 | 322812.7 | 39.4 | 1.93 | 0.35 | 12.59 |
| 7/15/2022 22:00 | 15.05 | 322448.6 | 37.64 | 1.98 | 0.35 | 12.67 |
| 7/15/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 7/16/2022 9:00 | 14.98 | 339100 | 34.23 | 1.61 | 0.35 | 10.51 |
| 7/16/2022 10:00 | 15 | 338130 | 35.5 | 1.49 | 0.35 | 10 |
| 7/16/2022 11:00 | 14.99 | 337253 | 38.29 | 1.48 | 0.35 | 9.66 |
| 7/16/2022 12:00 | 14.96 | 338930.9 | 38.29 | 1.49 | 0.35 | 9.66 |
| 7/16/2022 13:00 | 14.97 | 329630.7 | 37.21 | 1.53 | 0.35 | 11.5 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/07/2020 00:00-31/07/2020 23:59

| Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------------------|-------|---|----------------|----------------|-------------------|---------------|
| Date & Time | O2 | Flow #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm |
| 7/19/2022 18:00 | 15.04 | 331407.4 | 29.76 | 1.69 | 0.35 | 12.34 |
| 7/19/2022 19:00 | 15.04 | 335707.3 | 31.7 | 1.69 | 0.36 | 12.08 |
| 7/19/2022 20:00 | 15.07 | 327736.8 | 41.83 | 2.09 | 0.36 | 11.76 |
| 7/19/2022 21:00 | 15.07 | 330960.9 | 40.23 | 2.21 | 0.36 | 11.66 |
| 7/19/2022 22:00 | 15.07 | 332340.4 | 37.23 | 2.34 | 0.36 | 11.42 |
| 7/19/2022 23:00 | 15.18 | 307567.6 | 28.13 | 2.54 | 0.34 | 17.33 |
| 7/20/2022 0:00 | 15.2 | 294039.9 | 25.72 | 2.65 | 0.84 | 18.45 |
| 7/20/2022 1:00 | 15.18 | 294069.6 | 26.85 | 2.72 | 1.14 | 18.23 |
| 7/20/2022 2:00 | 15.16 | 295787.2 | 26.68 | 2.68 | 0.9 | 17.32 |
| 7/20/2022 3:00 | 15.2 | 291242.2 | 21.66 | 2.39 | 0.95 | 20.48 |
| 7/20/2022 4:00 | 15.22 | 288790.3 | 18.69 | 2.45 | 2.08 | 22.44 |
| 7/20/2022 5:00 | 15.23 | 287041.4 | 18.98 | 2.47 | 2.18 | 22.33 |
| 7/20/2022 6:00 | 15.2 | 287038.8 | 24.41 | 2.08 | 0.35 | 12.32 |
| 7/20/2022 7:00 | 15.21 | 285513.5 | 21.61 | 2.36 | 3 | 21.4 |
| 7/20/2022 8:00 | 15.14 | 304005.2 | 29.32 | 2.32 | 0.36 | 17.59 |
| 7/20/2022 9:00 | 15.08 | 328963.1 | 42.88 | 1.96 | 0.36 | 17.76 |
| 7/20/2022 10:00 | 14.97 | 330485.2 | 42.88 | 1.98 | 0.35 | 12.59 |
| 7/20/2022 11:00 | 14.99 | 340132.5 | 32.91 | 1.88 | 0.35 | 12.61 |
| 7/20/2022 12:00 | 14.94 | 340553.5 | 35.98 | 1.74 | 0.35 | 12.09 |
| 7/20/2022 13:00 | 14.93 | 338904.7 | 35.74 | 1.71 | 0.35 | 12.32 |
| 7/20/2022 14:00 | 15.02 | 340198.9 | 34.98 | 1.88 | 0.35 | 12.81 |
| 7/20/2022 15:00 | 15.02 | 332966.4 | 40.14 | 0 | 0.35 | 13.44 |
| 7/20/2022 16:00 | 14.83 | 338524.3 | 34.46 | 0.03 | 0.34 | 13.62 |
| 7/20/2022 17:00 | 14.91 | 325719.8 | 42.6 | 0 | 0.35 | 12.81 |
| 7/20/2022 18:00 | 14.94 | 342496.2 | 41.94 | 0 | 0.35 | 12.81 |
| 7/20/2022 19:00 | 14.97 | 342653.2 | 42.05 | 0 | 0.35 | 13.19 |
| 7/20/2022 20:00 | 14.98 | 335458.4 | 43.76 | 0 | 0.35 | 12.3 |
| 7/20/2022 21:00 | 15.02 | 332966.4 | 40.14 | 0 | 0.35 | 13.44 |
| 7/20/2022 22:00 | 15.02 | 332966.4 | 42.17 | 0 | 0.35 | 13 |
| 7/20/2022 23:00 | 15.1 | 304474.5 | 31.97 | 0 | 0.89 | 16.66 |
| 7/21/2022 0:00 | 15.16 | 291600.4 | 27.11 | 0 | 1.01 | 18.22 |
| 7/21/2022 1:00 | 15.15 | 291600.2 | 28.32 | 0 | 1.11 | 18.22 |
| 7/21/2022 2:00 | 15.12 | 293786.4 | 31.1 | 0 | 0.69 | 15.95 |
| 7/21/2022 3:00 | 15.15 | 288901.4 | 25.72 | 0 | 1.09 | 18.37 |
| 7/21/2022 4:00 | 15.14 | 288292.5 | 27.7 | 0 | 0.76 | 18.46 |
| 7/21/2022 5:00 | 15.13 | 288349.4 | 27.7 | 0 | 1.26 | 17.86 |
| 7/21/2022 6:00 | 15.15 | 287019.4 | 26.09 | 0 | 0.97 | 18.16 |
| 7/21/2022 7:00 | 15.15 | 287769.3 | 25.58 | 0 | 1.79 | 18.69 |
| 7/21/2022 8:00 | 15.09 | 309529.2 | 32.9 | 0 | 0.36 | 16.22 |
| 7/21/2022 9:00 | 15.05 | 33019.5 | 26.08 | 0 | 0.35 | 16.73 |
| 7/21/2022 10:00 | 14.98 | 333763.8 | 41.07 | 0 | 0.35 | 12.14 |
| 7/21/2022 11:00 | 14.96 | 333180.7 | 42.43 | 0 | 0.35 | 12.07 |
| 7/21/2022 12:00 | 14.98 | 330640.3 | 40.89 | 0 | 0.35 | 12.81 |
| 7/21/2022 13:00 | 14.95 | 336226.3 | 41.95 | 0 | 0.35 | 11.05 |
| 7/21/2022 14:00 | 14.96 | 33709.1 | 43.93 | 0 | 0.35 | 10.75 |
| 7/21/2022 15:00 | 14.98 | 334131.8 | 44.16 | 0 | 0.35 | 11.25 |
| 7/21/2022 16:00 | 14.97 | 332293.2 | 45.82 | 0 | 0.35 | 11.44 |
| 7/21/2022 17:00 | 14.97 | 327839.8 | 44.98 | 0 | 0.35 | 11.86 |
| 7/21/2022 18:00 | 14.99 | 323466 | 43.93 | 0 | 0.35 | 12.33 |
| 7/21/2022 19:00 | 15.01 | 322475.2 | 43.4 | 0 | 0.35 | 12.33 |
| 7/21/2022 20:00 | 15.04 | 326108.5 | 45.24 | 0 | 0.36 | 12.35 |
| 7/21/2022 21:00 | 15.05 | 329893.2 | 45.35 | 0 | 0.36 | 12.35 |
| 7/21/2022 22:00 | 15.07 | 331614.1 | 39.17 | 0 | 0.36 | 14.45 |
| 7/21/2022 23:00 | 15.19 | 301175.2 | 27.26 | 0 | 1.94 | 21.56 |
| 7/22/2022 0:00 | 15.18 | 29632 | 28.63 | 0 | 2.86 | 19.73 |
| 7/22/2022 1:00 | 15.19 | 291015.4 | 26.34 | 0 | 0.97 | 20.3 |
| 7/22/2022 2:00 | 15.16 | 292983.3 | 28.68 | 0 | 0.62 | 18.85 |
| 7/22/2022 3:00 | 15.19 | 287277 | 28.27 | 0 | 2.89 | 21.91 |
| 7/22/2022 4:00 | 15.18 | 290647.1 | 26.45 | 0 | 1.17 | 20.47 |
| 7/22/2022 5:00 | 15.22 | 285292.5 | 21.86 | 0 | 3.12 | 23.49 |
| 7/22/2022 6:00 | 15.22 | 286767.9 | 22.19 | 0 | 2.92 | 23.01 |
| 7/22/2022 7:00 | 15.22 | 286991.5 | 19.68 | 0 | 2.96 | 24.91 |
| 7/22/2022 8:00 | 15.12 | 356194.4 | 35.12 | 0 | 0.35 | 14.03 |
| 7/22/2022 9:00 | 15.07 | 331858.3 | 29 | 0 | 0.36 | 18.09 |
| 7/22/2022 10:00 | 15.02 | 339671 | 39.73 | 0 | 0.35 | 15.06 |
| 7/22/2022 11:00 | 15 | 331445.6 | 45.48 | 0 | 0.35 | 13.3 |
| 7/22/2022 12:00 | 14.98 | 332127 | 43.27 | 0 | 0.35 | 13.27 |
| 7/22/2022 13:00 | 15 | 342473.5 | 33.75 | 0 | 0.35 | 14.09 |
| 7/22/2022 14:00 | 14.99 | 342765 | 33.2 | 0 | 0.36 | 14.45 |
| 7/22/2022 15:00 | 15 | 340920.2 | 32.4 | 0 | 0.35 | 15.39 |
| 7/22/2022 16:00 | 14.98 | 332101.7 | 45.88 | 0 | 0.35 | 12.81 |
| 7/22/2022 17:00 | 14.98 | 33355.7 | 45.46 | 0 | 0.35 | 12.26 |
| 7/22/2022 18:00 | 15 | 331712.8 | 44.71 | 0 | 0.35 | 12.7 |
| 7/22/2022 19:00 | 15.01 | 330309.4 | 45.72 | 0 | 0.35 | 12.7 |
| 7/22/2022 20:00 | 15.02 | 333186.7 | 37.34 | 0 | 0.35 | 12.61 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/07/2020 00:00-31/07/2020 23:59

| Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|----------------------------|----------|---|----------------|----------------|-------------------|---------------|--|
| Date & Time | O2 | FLOW #1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | 25C | | | | | |
| | m3/hr | ppm | ppm | ppm/m3 | ppm | ppm | |
| 7/16/2022 15:00 | 14.97 | 326411.7 | 38.56 | 1.51 | 0.35 | 10.95 | |
| 7/16/2022 16:00 | 14.96 | 333158.9 | 36.21 | 1.54 | 0.35 | 11.63 | |
| 7/16/2022 17:00 | 15.01 | 323245.5 | 40.09 | 1.6 | 0.35 | 11.61 | |
| 7/16/2022 18:00 | 15.02 | 330200.8 | 42.31 | 1.57 | 0.38 | 11.41 | |
| 7/16/2022 19:00 | 15.03 | 321410 | 40.6 | 1.54 | 0.38 | 12.39 | |
| 7/16/2022 20:00 | 15.06 | 312345.1 | 37.37 | 1.56 | 0.36 | 12.54 | |
| 7/16/2022 21:00 | 15.06 | 311872.5 | 36.49 | 1.68 | 0.36 | 12.43 | |
| 7/17/2022 22:00 | 15.09 | 314349.9 | 37.22 | 1.49 | 0.36 | 12.1 | |
| 7/17/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 3:30 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 19:00 | 15.07 | 307336.1 | 35.04 | 2.24 | 0.36 | 14.4 | |
| 7/17/2022 20:00 | 15.08 | 307336.1 | 35.05 | 2.18 | 0.36 | 14.09 | |
| 7/17/2022 21:00 | 15.1 | 307927.7 | 35.39 | 2.13 | 0.36 | 13.81 | |
| 7/17/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/17/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 7/18/2022 8:00 | 15.22 | 295737.5 | 27.51 | 3.04 | 1.8 | 22.7 | |
| 7/18/2022 9:00 | 15.05 | 321604.1 | 33.61 | 2.13 | 0.36 | 11.31 | |
| 7/18/2022 10:00 | 15 | 341121 | 37.13 | 1.81 | 0.35 | 11.47 | |
| 7/18/2022 11:00 | 14.97 | 339912.5 | 39.12 | 1.6 | 0.35 | 11.33 | |
| 7/18/2022 12:00 | 14.93 | 341685.6 | 42.24 | 1.46 | 0.35 | 10.72 | |
| 7/18/2022 13:00 | 14.94 | 338124.6 | 40.96 | 1.39 | 0.35 | 10.94 | |
| 7/18/2022 14:00 | 14.87 | 343552.9 | 40.77 | 1.36 | 0.35 | 11.35 | |
| 7/18/2022 15:00 | 14.83 | 338189.1 | 42.96 | 1.38 | 0.35 | 11.63 | |
| 7/18/2022 16:00 | 14.88 | 340013 | 42.96 | 1.38 | 0.35 | 11.84 | |
| 7/18/2022 17:00 | 14.93 | 338189.8 | 41.13 | 1.41 | 0.35 | 11.84 | |
| 7/18/2022 18:00 | 14.98 | 338713.1 | 37.71 | 1.42 | 0.35 | 12.35 | |
| 7/18/2022 19:00 | 15.03 | 331493.2 | 37.86 | 1.45 | 0.35 | 12.88 | |
| 7/18/2022 20:00 | 15.05 | 338355.3 | 31.56 | 1.62 | 0.38 | 15.09 | |
| 7/18/2022 21:00 | 15.07 | 338631.6 | 26.7 | 1.7 | 0.36 | 14.59 | |
| 7/18/2022 22:00 | 15.01 | 329518.7 | 38.23 | 1.66 | 0.35 | 14.87 | |
| 7/18/2022 23:00 | 15.15 | 325165.8 | 23.25 | 1.91 | 0.37 | 12.18 | |
| 7/19/2022 0:00 | 15.15 | 295457.3 | 24.45 | 1.97 | 0.42 | 20.49 | |
| 7/19/2022 1:00 | 15.12 | 296562.6 | 28.84 | 2.08 | 0.56 | 16.86 | |
| 7/19/2022 2:00 | 15.12 | 297215.9 | 28.13 | 2.14 | 0.56 | 18.35 | |
| 7/19/2022 3:00 | 15.16 | 291990.1 | 24.24 | 2.3 | 1.08 | 20.75 | |
| 7/19/2022 4:00 | 15.15 | 307035.2 | 26.07 | 2.15 | 0.93 | 19.23 | |
| 7/19/2022 5:00 | 15.17 | 294149.4 | 24.67 | 2.33 | 1.11 | 19.89 | |
| 7/19/2022 6:00 | 15.18 | 289786.8 | 22.3 | 2.39 | 1.83 | 21.33 | |
| 7/19/2022 7:00 | 15.13 | 298058.8 | 24.74 | 2.3 | 2.02 | 20.2 | |
| 7/19/2022 8:00 | 15.07 | 314881.7 | 35.31 | 2.01 | 0.35 | 15.76 | |
| 7/19/2022 9:00 | 14.96 | 342912.8 | 28.42 | 1.76 | 0.35 | 14.42 | |
| 7/19/2022 10:00 | 14.91 | 344206.3 | 39.07 | 1.45 | 0.35 | 9.75 | |
| 7/19/2022 11:00 | 14.83 | 350371.4 | 26.43 | 1.2 | 0.34 | 7.56 | |
| 7/19/2022 12:00 | 14.84 | 347027.5 | 27.36 | 1.15 | 0.34 | 7.14 | |
| 7/19/2022 13:00 | 14.78 | 352701.1 | 23.73 | 1.18 | 0.34 | 11.16 | |
| 7/19/2022 14:00 | 14.74 | 358111.8 | 18.62 | 1.17 | 0.34 | 13.08 | |
| 7/19/2022 15:00 | 14.81 | 348567.4 | 27.55 | 1.18 | 0.34 | 12.38 | |
| 7/19/2022 16:00 | 14.82 | 344828.3 | 26.31 | 1.31 | 0.34 | 13.89 | |
| 7/19/2022 17:00 | 15 | 342029.5 | 15.03 | 1.49 | 0.35 | 15.35 | |

[illegible][illegible]

| Actual Operation | | Emission Concentration for Standardization Comparison | | | | | |
|------------------|----------|---|----------|----------|----------|----------|----------|
| Q2 FLOW @ 1 ATM | | HRSG1_Nox@7%O2 HRSG1_SOx@7%O2 HRSG1_Dust (7%O2) HRSG1_CO@7%O2 | | | | | |
| Date & Time | Q2 | % | m3/hr | ppm | ppm | mg/m3 | ppm |
| 8/1/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 19:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 20:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 21:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/1/2022 22:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown |
| 8/2/2022 0:00 | 15.51 | 301716.4 | 32.49 | 0.35 | 4.61 | 1.96 | |
| 8/2/2022 1:00 | 15.02 | 344552.1 | 39.32 | | 0.35 | | |
| 8/2/2022 2:00 | 15.01 | 363892.2 | 39.89 | | 0.35 | 2.57 | |
| 8/2/2022 3:00 | 15.53 | 279899.3 | 37.39 | 0.34 | 7.6 | 13.54 | |
| 8/2/2022 4:00 | 15.33 | 299351.1 | 34.69 | | 2.5 | | |
| 8/2/2022 5:00 | 15.24 | 302532.7 | 41.23 | | 0.37 | 2.1 | |
| 8/2/2022 6:00 | 15.29 | 299752.8 | 38.8 | | 0.37 | 2.45 | |
| 8/2/2022 7:00 | 15.29 | 301024.3 | 39.81 | | 0.37 | 2.26 | |
| 8/2/2022 8:00 | 15.21 | 321588.7 | 42.98 | | 0.36 | 1.78 | |
| 8/2/2022 9:00 | 15.25 | 329059.6 | 36.47 | | 0.37 | 3.84 | |
| 8/2/2022 10:00 | 15.01 | 330608.8 | 46.12 | | 0.36 | 8.94 | |
| 8/2/2022 11:00 | 15.03 | 333622.3 | 44.89 | | 0.36 | 8.84 | |
| 8/2/2022 12:00 | 15.03 | 351692.3 | 39.91 | | 0.36 | 3.84 | |
| 8/2/2022 13:00 | 15.09 | 345150.1 | 46.13 | | 0.38 | 4.44 | |
| 8/2/2022 14:00 | 15.02 | 355020.3 | 42.76 | | 0.36 | 3.61 | |
| 8/2/2022 15:00 | 14.79 | 388172.3 | 28.96 | | 0.34 | 3.61 | |
| 8/2/2022 16:00 | 14.77 | 388223.5 | 26.59 | | 0.34 | 3.94 | |
| 8/2/2022 17:00 | 14.90 | 354444 | 41.42 | | 0.36 | 1.33 | |
| 8/2/2022 18:00 | 15.14 | 346145.7 | 42.91 | | 0.36 | 10.18 | |
| 8/2/2022 19:00 | 15.09 | 350187.6 | 40.55 | | 0.36 | 7.35 | |
| 8/2/2022 20:00 | 15.1 | 349078.3 | 41.42 | | 0.36 | 8.54 | |
| 8/2/2022 21:00 | 15.11 | 349527.4 | 44.56 | | 0.36 | 8.28 | |
| 8/2/2022 22:00 | 15.14 | 348897.5 | 39.55 | | 0.36 | 8.24 | |
| 8/2/2022 23:00 | 14.88 | 376604 | 31.58 | | 0.35 | 3.59 | |
| 8/3/2022 0:00 | 14.89 | 3765070.2 | 29.94 | | 0.35 | 2.45 | |
| 8/3/2022 1:00 | 14.88 | 3773719.5 | 29.98 | | 0.35 | 2.74 | |
| 8/3/2022 2:00 | 14.87 | 3774003.3 | 30.29 | | 0.35 | 2.86 | |
| 8/3/2022 3:00 | 14.86 | 377955.1 | 30.63 | | 0.35 | 2.91 | |
| 8/3/2022 4:00 | 14.86 | 377778.8 | 30.63 | | 0.35 | 3.24 | |
| | | | | | | | |

| Date & Time | Actual Operating Condition | | Emission Comparison for Standardization Comparison | | | | | |
|----------------|----------------------------|---------------|--|---|-------------------------------|---------------------------|--|--|
| | O ₂ | FLOW (k1 ATM) | HRSG1_Nox@7%O ₂ | HRSG1_SO ₂ @7%O ₂ | HRSG1_Dust (%O ₂) | HRSG1_CO@7%O ₂ | | |
| | % | kgc | ppm | ppm | mg/m ³ | ppm | | |
| 8/3/2022 22:00 | 15.21 | 311605.6 | 42.6 | 0 | 0.74 | 2.43 | | |
| 8/3/2022 23:00 | 15.33 | 269515.6 | 35.9 | 0 | 0.43 | 1.63 | | |
| 8/4/2022 0:00 | 15.27 | 300688 | 30.77 | 0 | 0.59 | 1.77 | | |
| 8/4/2022 1:00 | 15.29 | 299018.9 | 37.68 | 0 | 0.53 | 3.02 | | |
| 8/4/2022 2:00 | 15.29 | 299570.7 | 37.24 | 0 | 0.47 | 2.97 | | |
| 8/4/2022 3:00 | 15.28 | 298299.3 | 37.73 | 0 | 0.51 | 2.75 | | |
| 8/4/2022 4:00 | 15.29 | 297073.3 | 37.21 | 0 | 0.42 | 2.97 | | |
| 8/4/2022 5:00 | 15.29 | 299747.1 | 36.16 | 0 | 0.4 | 2.85 | | |
| 8/4/2022 6:00 | 15.32 | 299141.4 | 39.91 | 0 | 0.42 | 3.27 | | |
| 8/4/2022 7:00 | 15.35 | 300960.6 | 34.0 | 0 | 0.56 | 4.67 | | |
| 8/4/2022 8:00 | 15.29 | 315522.4 | 41.22 | 0 | 0.37 | 2.26 | | |
| 8/4/2022 9:00 | 15.27 | 320669.4 | 43.02 | 0 | 0.37 | 2.39 | | |
| 8/4/2022 10:00 | 15.14 | 345857.9 | 47.48 | 0 | 0.36 | 1.53 | | |
| 8/4/2022 11:00 | 15.13 | 346239.6 | 41.32 | 0 | 0.36 | 1.56 | | |
| 8/4/2022 12:00 | 15.16 | 342282.5 | 43.15 | 0 | 0.36 | 1.9 | | |
| 8/4/2022 13:00 | 15.04 | 345342.6 | 40.38 | 0 | 0.36 | 1.37 | | |
| 8/4/2022 14:00 | 15.03 | 345562.6 | 46.53 | 0 | 0.36 | 1.37 | | |
| 8/4/2022 15:00 | 15.07 | 342778 | 42.47 | 0 | 0.36 | 3.28 | | |
| 8/4/2022 16:00 | 15.04 | 342410.9 | 42.58 | 0 | 0.36 | 1.53 | | |
| 8/4/2022 17:00 | 15.1 | 343375.2 | 46.82 | 0 | 0.36 | 7.88 | | |
| 8/4/2022 18:00 | 15.15 | 341594.6 | 46.41 | 0.04 | 0.36 | 1.83 | | |
| 8/4/2022 19:00 | 15.09 | 339705.4 | 45.08 | 0 | 0.36 | 1.7 | | |
| 8/4/2022 20:00 | 15.1 | 331604.9 | 49.97 | 0 | 0.36 | 1.53 | | |
| 8/4/2022 21:00 | 15.14 | 326962.7 | 50.15 | 0 | 0.36 | 1.51 | | |
| 8/4/2022 22:00 | 15.23 | 314816.9 | 45.37 | 0 | 0.74 | 2.66 | | |
| 8/5/2022 0:00 | 15.32 | 299343.2 | 39.37 | 0 | 0.69 | 2.69 | | |
| 8/5/2022 1:00 | 15.32 | 298976.3 | 38.18 | 0 | 0.5 | 2.62 | | |
| 8/5/2022 2:00 | 15.31 | 296942.5 | 38.81 | 0 | 0.52 | 2.64 | | |
| 8/5/2022 3:00 | 15.3 | 296112.9 | 39.94 | 0 | 0.54 | 2.94 | | |
| 8/5/2022 4:00 | 15.31 | 292997.7 | 37.98 | 0 | 0.86 | 2.54 | | |
| 8/5/2022 5:00 | 15.3 | 295116.3 | 38.59 | 0 | 0.8 | 2.8 | | |
| 8/5/2022 6:00 | 15.31 | 294331.3 | 38.93 | 0 | 0.66 | 2.66 | | |
| 8/5/2022 7:00 | 15.31 | 297721.8 | 39.83 | 0 | 0.66 | 2.66 | | |
| 8/5/2022 8:00 | 15.29 | 301927.7 | 39.15 | 0 | 0.37 | 2.39 | | |
| 8/5/2022 9:00 | 15.31 | 311818.9 | 41.04 | 0 | 0.39 | 2.16 | | |
| 8/5/2022 10:00 | 15.33 | 315862.3 | 39.86 | 0 | 0.37 | 5.85 | | |
| 8/5/2022 11:00 | 15.18 | 344390.6 | 46.15 | 0 | 0.37 | 3.67 | | |
| 8/5/2022 12:00 | 15.11 | 341597.4 | 45.57 | 0 | 0.37 | 12.51 | | |
| 8/5/2022 13:00 | 15.11 | 339916.3 | 46.61 | 0 | 0.37 | 1.48 | | |
| 8/5/2022 14:00 | 15.08 | 343631.2 | 43.93 | 0 | 0.36 | 1.41 | | |
| 8/5/2022 15:00 | 15.06 | 344828.7 | 44.58 | 0 | 0.36 | 1.5 | | |
| 8/5/2022 16:00 | 15.07 | 344120.4 | 47.64 | 0 | 0.36 | 1.75 | | |
| 8/5/2022 17:00 | 15.04 | 343193.1 | 46.5 | 0 | 0.36 | 1. | | |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|----------------|----------------------------|----------|---|----------------|-------------------|---------------|--|--|
| | FLOW @ 1 ATM | | 25C | | | | | |
| | O2 | % | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | | |
| | m3/hr | % | ppm | ppm | mg/m3 | ppm | | |
| 8/6/2022 20:00 | 15.01 | 33925.2 | 46.81 | 0 | 0.35 | 1.7 | | |
| 8/6/2022 21:00 | 15.02 | 329744.6 | 38.28 | 0 | 0.35 | 1.59 | | |
| 8/6/2022 22:00 | 16.19 | 261573 | 46.03 | 0 | 0.35 | 1.71 | | |
| 8/6/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 8/7/2022 19:00 | 15.02 | 339030.6 | 50.78 | 0 | 0.35 | 2.45 | | |
| 8/7/2022 20:00 | 15.06 | 328103.3 | 47.27 | 0 | 0.36 | 2.43 | | |
| 8/7/2022 21:00 | 15.03 | 335129.1 | 45.18 | 0 | 0.36 | 2.52 | | |
| 8/7/2022 22:00 | 14.67 | 352692.2 | 16.13 | 0 | 0.33 | 3.13 | | |
| 8/7/2022 23:00 | 14.66 | 394252.2 | 14.98 | 0 | 0.33 | 3.19 | | |
| 8/8/2022 0:00 | 14.66 | 394165.6 | 14.77 | 0 | 0.33 | 3.38 | | |
| 8/8/2022 1:00 | 14.66 | 394344.8 | 14.96 | 0 | 0.33 | 3.42 | | |
| 8/8/2022 2:00 | 14.65 | 391076.3 | 15.3 | 0 | 0.35 | 3.5 | | |
| 8/8/2022 3:00 | 14.64 | 395693 | 15.34 | 0 | 0.33 | 3.18 | | |
| 8/8/2022 4:00 | 14.65 | 396603.3 | 16.54 | 0 | 0.33 | 3.4 | | |
| 8/8/2022 5:00 | 14.66 | 396321.7 | 16.29 | 0 | 0.33 | 3.53 | | |
| 8/8/2022 6:00 | 14.65 | 396970.2 | 15.89 | 0 | 0.33 | 3.58 | | |
| 8/8/2022 7:00 | 14.66 | 396731.3 | 15.85 | 0 | 0.33 | 3.62 | | |
| 8/8/2022 8:00 | 15.01 | 346353.3 | 28.48 | 0 | 0.35 | 20.61 | | |
| 8/8/2022 9:00 | 15.19 | 307165.4 | 38.59 | 0 | 0.53 | 8.87 | | |
| 8/8/2022 10:00 | 15.06 | 340032.9 | 45.29 | 0 | 0.36 | 4.37 | | |
| 8/8/2022 11:00 | 15.04 | 346285 | 41.88 | 0 | 0.36 | 3.13 | | |
| 8/8/2022 12:00 | 15.03 | 340482.4 | 47.69 | 0 | 0.35 | 2.08 | | |
| 8/8/2022 13:00 | 15.03 | 345454.3 | 42.2 | 0 | 0.36 | 3.3 | | |
| 8/8/2022 14:00 | 15.06 | 347297.7 | 42.57 | 0 | 0.36 | 4.9 | | |
| 8/8/2022 15:00 | 15.1 | 346270.8 | 40.63 | 0 | 0.36 | 9.73 | | |
| 8/8/2022 16:00 | 15.08 | 346697.9 | 38.48 | 0 | 0.36 | 10.41 | | |
| 8/8/2022 17:00 | 15.07 | 348239.2 | 38.84 | 0 | 0.36 | 8.86 | | |
| 8/8/2022 18:00 | 15.07 | 350307.1 | 39.47 | 0 | 0.36 | 8.57 | | |
| 8/8/2022 19:00 | 15.06 | 349160.6 | 38.71 | 0 | 0.36 | 10.94 | | |
| 8/8/2022 20:00 | 15.16 | 342288.6 | 38.2 | 0 | 0.36 | 16.96 | | |
| 8/8/2022 21:00 | 15.17 | 343595.7 | 36.78 | 0 | 0.36 | 15.4 | | |
| 8/8/2022 22:00 | 15.17 | 338870.4 | 40.82 | 0 | 0.36 | 2.78 | | |
| 8/8/2022 23:00 | 15.25 | 293483.6 | 36.93 | 0 | 0.51 | 2.73 | | |
| 8/9/2022 0:00 | 15.24 | 295196 | 37.11 | 0 | 0.73 | 2.65 | | |
| 8/9/2022 1:00 | 15.24 | 294487.7 | 36.55 | 0 | 0.65 | 2.34 | | |
| 8/9/2022 2:00 | 15.21 | 294041.1 | 38.14 | 0 | 1.18 | 3.18 | | |
| 8/9/2022 3:00 | 15.22 | 292209.3 | 36.58 | 0 | 1.35 | 2.15 | | |
| 8/9/2022 4:00 | 15.21 | 293477.9 | 37.51 | 0 | 0.77 | 2.21 | | |
| 8/9/2022 5:00 | 15.24 | 297905.5 | 34.38 | 0 | 3.2 | 3.38 | | |
| 8/9/2022 6:00 | 15.26 | 285903.2 | 33.08 | 0 | 4.08 | 3.48 | | |
| 8/9/2022 7:00 | 15.23 | 294129.3 | 36.22 | 0 | 0.43 | 2.35 | | |
| 8/9/2022 8:00 | 15.18 | 311059.3 | 41.71 | 0 | 0.35 | 3.17 | | |
| 8/9/2022 9:00 | 15.21 | 316256.3 | 38.66 | 0 | 0.39 | 7.17 | | |
| 8/9/2022 10:00 | 15.03 | 345701.9 | 43.02 | 0 | 0.36 | 4.05 | | |
| 8/9/2022 11:00 | 15.02 | 342823.3 | 47.62 | 0 | 0.35 | 2.59 | | |
| 8/9/2022 12:00 | 15.01 | 342763.3 | 46.69 | 0 | 0.36 | 3.86 | | |
| 8/9/2022 13:00 | 15 | 343855.9 | 45.66 | 0 | 0.35 | 2.15 | | |
| 8/9/2022 14:00 | 15.07 | 346012 | 30.82 | 0.86 | 0.35 | 5.29 | | |
| 8/9/2022 15:00 | 14.9 | 343224.4 | 31.18 | 1.35 | 0.35 | 5.29 | | |
| 8/9/2022 16:00 | 14.98 | 337771.6 | 30.82 | 0.86 | 0.35 | 5.29 | | |
| 8/9/2022 17:00 | 15 | 340387 | 28.5 | 0.78 | 0.35 | 6.39 | | |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|-----------------|----------------------------|----------|---|---|--------------------------------|---------------------------|--|-------|
| | FLOW @ 1 ATM | | 25C | | | | | |
| | O ₂ | % | HRSG1_NOx@7%O ₂ | HRSG1_SO _x @7%O ₂ | HRSG1_Dust (7%O ₂) | HRSG1_CO@7%O ₂ | | |
| | m ³ /hr | % | ppm | ppm | mg/m ³ | ppm | | |
| 8/9/2022 18:00 | 14.95 | 348453.6 | 26.36 | 0 | 0.35 | 1.7 | | |
| 8/9/2022 19:00 | 15.03 | 341637.2 | 29.03 | 0 | 0.78 | 0.36 | | 8.93 |
| 8/9/2022 20:00 | 15.01 | 344996.9 | 28.06 | 0 | 0.76 | 0.35 | | 8.62 |
| 8/9/2022 21:00 | 15.07 | 341738.3 | 21.62 | 0 | 15.07 | 0.74 | | 0.36 |
| 8/9/2022 22:00 | 15.08 | 331377.3 | 28.15 | 0 | 0.71 | 0.36 | | 10.65 |
| 8/9/2022 23:00 | 15.17 | 292490.9 | 21 | 0.7 | 1.18 | 4.04 | | |
| 8/10/2022 0:00 | 15.16 | 293596.1 | 19.63 | 0.47 | 1.19 | 4.47 | | |
| 8/10/2022 1:00 | 15.15 | 291922.2 | 18.98 | 0.47 | 1.13 | 4.28 | | |
| 8/10/2022 2:00 | 15.13 | 291515.8 | 19.53 | 0.7 | 1.21 | 4.07 | | |
| 8/10/2022 3:00 | 15.11 | 293298.7 | 21.19 | 0.55 | 0.86 | 4.4 | | |
| 8/10/2022 4:00 | 15.1 | 294049.7 | 21.75 | 0.58 | 0.66 | 3.84 | | |
| 8/10/2022 5:00 | 15.13 | 288750.5 | 18.95 | 0.66 | 0.21 | 4.57 | | |
| 8/10/2022 6:00 | 15.16 | 289555.6 | 17.87 | 0.76 | 3.76 | 5.41 | | |
| 8/10/2022 7:00 | 15.13 | 292989.7 | 21.54 | 0.56 | 0.71 | 3.95 | | |
| 8/10/2022 8:00 | 15.11 | 305205.7 | 24.98 | 0.56 | 0.36 | 3.31 | | |
| 8/10/2022 9:00 | 15.13 | 310920.1 | 22.81 | 0.68 | 0.36 | 3.96 | | |
| 8/10/2022 10:00 | 14.86 | 355700.2 | 32.87 | 1.14 | 0.35 | 4.05 | | |
| 8/10/2022 11:00 | 15.1 | 343708 | 31.84 | 0.06 | 0.35 | 3.01 | | |
| 8/10/2022 12:00 | 14.99 | 342473.5 | 35 | 0.49 | 0.35 | 3.2 | | |
| 8/10/2022 13:00 | 15 | 341392.6 | 31.81 | 0.18 | 0.35 | 3.13 | | |
| 8/10/2022 14:00 | 14.98 | 343871 | 31.84 | 0.06 | 0.35 | 3.01 | | |
| 8/10/2022 15:00 | 14.99 | 340681.5 | 34.01 | 0.01 | 0.35 | 3.4 | | |
| 8/10/2022 16:00 | 15.03 | 338986.4 | 32 | 0.01 | 0.36 | 3.93 | | |
| 8/10/2022 17:00 | 15.08 | 338213.3 | 33.35 | 0.08 | 0.35 | 3.34 | | |
| 8/10/2022 18:00 | 15.1 | 340601.8 | 30.23 | 0.01 | 0.36 | 7.05 | | |
| 8/10/2022 19:00 | 15.05 | 346341.9 | 27.49 | 0.02 | 0.36 | 6.61 | | |
| 8/10/2022 20:00 | 15.03 | 344018 | 27.9 | 0.02 | 0.36 | 6.33 | | |
| 8/10/2022 21:00 | 15.02 | 344412.3 | 33.35 | 0.02 | 0.35 | 3.34 | | |
| 8/10/2022 22:00 | 15.13 | 321659.3 | 26.75 | 0.01 | 0.88 | 6.2 | | |
| 8/10/2022 23:00 | 15.24 | 293557.2 | 21.72 | 0.03 | 0.75 | 5.18 | | |
| 8/11/2022 0:00 | 15.21 | 289572.5 | 20.67 | 0.03 | 1.4 | 3.69 | | |
| 8/11/2022 1:00 | 15.19 | 293126.1 | 22.24 | 0.03 | 0.69 | 3.41 | | |
| 8/11/2022 2:00 | 15.21 | 291219.4 | 20.1 | 0.03 | 2 | 4.06 | | |
| 8/11/2022 3:00 | 15.25 | 287688.7 | 16.95 | 0.04 | 2.33 | 4.95 | | |
| 8/11/2022 4:00 | 15.2 | 293980.5 | 19.05 | 0.04 | 1.55 | 4.21 | | |
| 8/11/2022 5:00 | 15.2 | 291226.3 | 19.72 | 0.05 | 2.32 | 4.54 | | |
| 8/11/2022 6:00 | 15.21 | 292848.5 | 20.3 | 0.06 | 1.77 | 4.37 | | |
| 8/11/2022 7:00 | 15.27 | 287683.8 | 19.81 | 0.04 | 3.48 | 3.89 | | |
| 8/11/2022 8:00 | 15.17 | 308991.5 | 25.15 | 0 | 0.36 | 4.12 | | |
| 8/11/2022 9:00 | 15.2 | 313013.6 | 24.81 | 0 | 0.37 | 5.33 | | |
| 8/11/2022 10:00 | 15.03 | 345585.3 | 29.08 | 0 | 0.36 | 4.81 | | |
| 8/11/2022 11:00 | 15.07 | 341955.8 | 30.79 | 0 | 0.36 | 4.05 | | |
| 8/11/2022 12:00 | 15.07 | 339964.7 | 31.42 | 0 | 0.36 | 3.96 | | |
| 8/11/2022 13:00 | 15 | 342738 | 28.44 | 0 | 0.35 | 3.46 | | |
| 8/11/2022 14:00 | 14.95 | 346982.3 | 28.99 | 0 | 0.35 | 2.88 | | |
| 8/11/2022 15:00 | 14.96 | 342775 | 33.14 | 0 | 0.35 | 3.06 | | |
| 8/11/2022 16:00 | 15.01 | 340072.8 | 30.74 | 0 | 0.35 | 3.96 | | |
| 8/11/2022 17:00 | 15.04 | 338920.6 | 31.21 | 0 | 0.35 | 3.81 | | |
| 8/11/2022 18:00 | 15.03 | 342584.4 | 26.41 | 0 | 0.36 | 5.1 | | |
| 8/11/2022 19:00 | 15.08 | 344055 | 25.06 | 0 | 0.36 | 5.99 | | |
| 8/11/2022 20:00 | 15.08 | 345907.8 | 26.42 | 0 | 0.35 | 3.81 | | |
| 8/11/2022 21:00 | 15.17 | 338497.3 | 24.88 | 0 | 0.36 | 13.9 | | |
| 8/11/2022 22:00 | 14.99 | 358180.6 | 21.93 | 0 | 0.35 | 6.59 | | |
| 8/11/2022 23:00 | 14.68 | 394758.6 | 2.28 | 0 | 0.34 | 3.59 | | |
| 8/12/2022 0:00 | 14.67 | 395448.4 | 2.83 | 0 | 0.33 | 3.67 | | |
| 8/12/2022 1:00 | 14.66 | 395471.2 | 2.64 | 0 | 0.33 | 3.72 | | |
| 8/12/2022 2:00 | 14.64 | 395400.1 | 2.76 | 0 | 0.33 | 3.75 | | |
| 8/12/2022 3:00 | 14.66 | 395121.3 | 3.07 | 0 | 0.33 | 3.56 | | |
| 8/12/2022 4:00 | 14.66 | 394842.6 | 3.51 | 0 | 0.33 | 3.53 | | |
| 8/12/2022 5:00 | 14.66 | 395758.7 | 3.97 | 0 | 0.33 | 3.6 | | |
| 8/12/2022 6:00 | 14.66 | 396008.8 | 3.34 | 0 | 0.33 | 3.63 | | |
| 8/12/2022 7:00 | 14.67 | 395240.8 | 2.86 | 0 | 0.33 | 3.69 | | |
| 8/12/2022 8:00 | 14.7 | 394347.6 | 2.44 | 0 | 0.34 | 3.49 | | |
| 8/12/2022 9:00 | 14.72 | 392291.1 | 7.74 | 0 | 0.34 | 3.28 | | |
| 8/12/2022 10:00 | 14.73 | 396783 | 9.18 | 0 | 0.34 | 3.13 | | |
| 8/12/2022 11:00 | 14.74 | 396349 | 9.01 | 0 | 0.34 | 3.11 | | |
| 8/12/2022 12:00 | 14.71 | 390476.3 | 0.05 | 0 | 0.34 | 3.25 | | |
| 8/12/2022 13:00 | 14.71 | 394178 | 12.06 | 0 | 0.34 | 3.69 | | |
| 8/12/2022 14:00 | 14.7 | 396520.8 | 10.86 | 0 | 0.34 | 3.33 | | |
| 8/12/2022 15:00 | 14.65 | 393500 | 5.06 | 0 | 0.34 | 4.92 | | |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodicity: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|-----------------|----------------------------|----------|---|----------------|-------------------|---------------|------|-------|
| | FLOW @ 1 ATM | | | | | | | |
| | O2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | | |
| 8/18/2022 12:00 | 14.98 | 341418.2 | 29.17 | 0 | 0.35 | 3.19 | 0.33 | 4.11 |
| 8/18/2022 13:00 | 14.96 | 340644.5 | 31.2 | 0 | 0.35 | 3.32 | 0.33 | 3.91 |
| 8/18/2022 14:00 | 14.92 | 342692.5 | 31.33 | 0 | 0.35 | 3.17 | 0.33 | 3.96 |
| 8/18/2022 15:00 | 14.95 | 341078.9 | 30.18 | 0 | 0.35 | 3.67 | 0.33 | 3.77 |
| 8/18/2022 16:00 | 14.94 | 341301.6 | 30.23 | 0 | 0.35 | 3.13 | 0.33 | 3.88 |
| 8/18/2022 17:00 | 14.96 | 341861.9 | 30.29 | 0 | 0.35 | 3.29 | 0.33 | 3.89 |
| 8/18/2022 18:00 | 14.96 | 339571.3 | 31.52 | 0 | 0.35 | 3.48 | 0.33 | 3.93 |
| 8/18/2022 19:00 | 14.99 | 337447.3 | 30.18 | 0 | 0.35 | 4.36 | 0.33 | 3.72 |
| 8/18/2022 20:00 | 15.02 | 343552.6 | 26.12 | 0 | 0.35 | 5.76 | 0.34 | 6.02 |
| 8/18/2022 21:00 | 15.02 | 338186.9 | 28.07 | 0 | 0.35 | 5.24 | 0.35 | 6.96 |
| 8/18/2022 22:00 | 15 | 329892.6 | 30.21 | 0 | 0.35 | 3.57 | 0.35 | 3.96 |
| 8/18/2022 23:00 | 15.15 | 269665.2 | 28.81 | 0 | 0.56 | 3.98 | 0.35 | 5.59 |
| 8/19/2022 0:00 | 15.13 | 298822.6 | 20.83 | 0 | 0.41 | 3.72 | 0.34 | 6.26 |
| 8/19/2022 1:00 | 15.15 | 296402 | 19.52 | 0 | 0.81 | 4.05 | 0.33 | 4.98 |
| 8/19/2022 2:00 | 15.15 | 297719 | 19.21 | 0 | 0.6 | 4.15 | 0.33 | 5.16 |
| 8/19/2022 3:00 | 15.18 | 293762.4 | 17.77 | 0 | 1.65 | 4.99 | 0.33 | 5.28 |
| 8/19/2022 4:00 | 15.17 | 293626.5 | 17.04 | 0 | 1.02 | 4.21 | 0.33 | 5.44 |
| 8/19/2022 5:00 | 15.18 | 293617.3 | 17.87 | 0 | 1.21 | 4.24 | 0.33 | 5.78 |
| 8/19/2022 6:00 | 15.19 | 292092.7 | 17.53 | 0 | 2.56 | 5.2 | 0.33 | 6.12 |
| 8/19/2022 7:00 | 15.18 | 295059.3 | 18.9 | 0 | 0.67 | 4.07 | 0.33 | 6.07 |
| 8/19/2022 8:00 | 15.14 | 310803.6 | 24.72 | 0 | 0.36 | 3.45 | 0.33 | 6.27 |
| 8/19/2022 9:00 | 15.14 | 318882.9 | 24.31 | 0 | 0.36 | 4.94 | 0.33 | 5.63 |
| 8/19/2022 10:00 | 14.95 | 346737.3 | 25.43 | 0 | 0.35 | 3.22 | 0.33 | 9.76 |
| 8/19/2022 11:00 | 14.92 | 346020.5 | 24.05 | 0 | 0.35 | 2.89 | 0.33 | 9.48 |
| 8/19/2022 12:00 | 14.91 | 344214.3 | 30.45 | 0 | 0.35 | 2.78 | 0.33 | 3.9 |
| 8/19/2022 13:00 | 14.9 | 343056.6 | 36.22 | 0 | 0.35 | 2.77 | 0.35 | 3.11 |
| 8/19/2022 14:00 | 14.87 | 343026.2 | 34.98 | 0 | 0.35 | 2.76 | 0.35 | 3.29 |
| 8/19/2022 15:00 | 14.87 | 342763.6 | 35.37 | 0 | 0.35 | 2.75 | 0.35 | 3.08 |
| 8/19/2022 16:00 | 14.87 | 341901.8 | 34.43 | 0 | 0.35 | 2.81 | 0.35 | 3.51 |
| 8/19/2022 17:00 | 14.94 | 340249.1 | 29.93 | 0 | 0.35 | 3.33 | 0.35 | 3.8 |
| 8/19/2022 18:00 | 14.97 | 340277.8 | 27.77 | 0 | 0.35 | 2.91 | 0.35 | 3.83 |
| 8/19/2022 19:00 | 15.03 | 339327.5 | 23.86 | 0 | 0.36 | 6.18 | 0.35 | 4.2 |
| 8/19/2022 20:00 | 14.97 | 345699.6 | 25.38 | 0 | 0.35 | 4.12 | 0.35 | 5.88 |
| 8/19/2022 21:00 | 15.02 | 341497.8 | 23.2 | 0 | 0.35 | 7.52 | 0.35 | 9.83 |
| 8/19/2022 22:00 | 15.02 | 334644.1 | 22.82 | 0 | 0.96 | 7.5 | 0.35 | 6.88 |
| 8/19/2022 23:00 | 15.14 | 296473.1 | 18.7 | 0 | 0.68 | 4.24 | 0.35 | 10.79 |
| 8/20/2022 0:00 | 15.11 | 299736.6 | 19.89 | 0 | 0.61 | 3.74 | 0.35 | 14 |
| 8/20/2022 1:00 | 15.13 | 299317.8 | 31.95 | 0 | 0.55 | 3.91 | 0.35 | 8.93 |
| 8/20/2022 2:00 | 15.14 | 297975 | 19.18 | 0 | 0.57 | 3.66 | 0.35 | 3.91 |
| 8/20/2022 3:00 | 15.15 | 295652.7 | 17.73 | 0 | 0.96 | 4.14 | 0.4 | 3.65 |
| 8/20/2022 4:00 | 15.18 | 299404.7 | 15.43 | 0 | 2.25 | 5.08 | 0.35 | 3.87 |
| 8/20/2022 5:00 | 15.17 | 291794 | 16.49 | 0 | 2.79 | 5.45 | 0.35 | 5.12 |
| 8/20/2022 6:00 | 15.2 | 286236.8 | 14.96 | 0 | 5.84 | 6.37 | 0.35 | 5.77 |
| 8/20/2022 7:00 | 15.18 | 299503.3 | 20.48 | 0 | 4.35 | 4.9 | 0.35 | 4.94 |
| 8/20/2022 8:00 | 15.14 | 298986 | 20.48 | 0 | 1.19 | 3.71 | 0.35 | 5.04 |
| 8/20/2022 9:00 | 15.19 | 301596 | 15.77 | 0 | 0.48 | 8.64 | 0.44 | 6.01 |
| 8/20/2022 10:00 | 14.97 | 340940.3 | 26.34 | 0 | 0.35 | 3.57 | 0.36 | 4.32 |
| 8/20/2022 11:00 | 14.94 | 339405.6 | 30.97 | 0 | 0.35 | 3.97 | 0.35 | 4.8 |
| 8/20/2022 12:00 | 14.94 | 335922.7 | 31.01 | 0 | 0.35 | 3.73 | 0.35 | 4.34 |
| 8/20/2022 13:00 | 14.92 | 335607 | 31.96 | 0 | 0.35 | 3.26 | 0.35 | 3.82 |
| 8/20/2022 14:00 | 14.91 | 335450.4 | 31.95 | 0 | 0.35 | 4.24 | 0.35 | 3.74 |
| 8/20/2022 15:00 | 14.89 | 333672.8 | 35.9 | 0 | 0.35 | 2.86 | 0.35 | 3.74 |
| 8/20/2022 16:00 | 14.92 | 324129.7 | 34.78 | 0 | 0.35 | 2.87 | 0.35 | 3.3 |
| 8/20/2022 17:00 | 14.95 | 315926.3 | 30.89 | 0 | 0.35 | 2.86 | 0.35 | 3.25 |
| 8/20/2022 18:00 | 14.96 | 312180.2 | 28.92 | 0 | 0.35 | 3.15 | 0.35 | 3.69 |
| 8/20/2022 19:00 | 14.97 | 312780.3 | 28.25 | 0 | 0.35 | 3.15 | 0.35 | 3.29 |
| 8/20/2022 20:00 | 14.97 | 311810 | 27.15 | 0 | 0.35 | 3.02 | 0.35 | 3.43 |
| 8/20/2022 21:00 | 14.97 | 313892.5 | 27.15 | 0 | 0.35 | 3.41 | 0.35 | 3.33 |
| 8/20/2022 22:00 | 14.87 | 345289.5 | 19.01 | 0 | 0.35 | 5.46 | 0.35 | 3.44 |
| 8/20/2022 23:00 | 14.54 | 393682 | 3.05 | 0 | 0.35 | 4.91 | 0.35 | 3.33 |
| 8/21/2022 0:00 | 14.54 | 393687.3 | 1.93 | 0 | 0.35 | 3.87 | 0.35 | 3.75 |
| 8/21/2022 1:00 | 14.51 | 393827.1 | 1.58 | 0 | 0.33 | 5.79 | 0.35 | 4.61 |
| 8/21/2022 2:00 | 14.51 | 394848.3 | 2.03 | 0 | 0.33 | 6.11 | 0.35 | 3.67 |
| 8/21/2022 3:00 | 14.54 | 396847.9 | 2.61 | 0 | 0.33 | 7.03 | 0.35 | 3.62 |
| 8/21/2022 4:00 | 14.53 | 396724.4 | 3.05 | 0 | 0.33 | 7.95 | 0.35 | 3.97 |
| 8/21/2022 5:00 | 14.53 | 396461 | 2.93 | 0 | 0.33 | 7.55 | 0.35 | 4.26 |
| 8/21/2022 6:00 | 14.54 | 396336.7 | 2.69 | 0 | 0.33 | 7.65 | 0.35 | 3.87 |
| 8/21/2022 7:00 | 14.55 | 394762.9 | 1.83 | 0 | 0.33 | 7.69 | 0.35 | 4.34 |
| 8/21/2022 8:00 | 14.57 | 391761.9 | 4.96 | 0 | 0.35 | 5.76 | 0.48 | 4.4 |
| 8/21/2022 9:00 | 14.6 | 386789.9 | 8.86 | 0 | 0.33 | 4.57 | 0.41 | 3.89 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodicity: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|-----------------|----------------------------|---------------------|---|----------------|-------------------|---------------|------|-------|
| | O2 | FLOW @ 1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | | |
| 8/21/2022 10:00 | 14.61 | 383416.4 | 9.34 | 0 | 0.33 | 3.34 | 0.33 | 4.11 |
| 8/21/2022 11:00 | 14.62 | 383607 | 9.15 | 0 | 0.33 | 3.32 | 0.33 | 3.91 |
| 8/21/2022 12:00 | 14.61 | 382799.3 | 9.15 | 0 | 0.33 | 3.17 | 0.33 | 3.96 |
| 8/21/2022 13:00 | 14.6 | 383651.6 | 8.77 | 0 | 0.35 | 3.67 | 0.33 | 3.85 |
| 8/21/2022 14:00 | 14.58 | 380017.3 | 8.56 | 0 | 0.33 | 3.38 | 0.33 | 3.88 |
| 8/21/2022 15:00 | 14.57 | 379655.2 | 8.68 | 0 | 0.33 | 3.29 | 0.33 | 3.89 |
| 8/21/2022 16:00 | 14.57 | 379081.5 | 8.62 | 0 | 0.35 | 3.48 | 0.33 | 3.93 |
| 8/21/2022 17:00 | 14.57 | 380626 | 8.83 | 0 | 0.35 | 4.36 | 0.33 | 3.92 |
| 8/21/2022 18:00 | 14.77 | 359304.1 | 18.44 | 0 | 0.34 | 5.62 | 0.34 | 6.02 |
| 8/21/2022 19:00 | 14.99 | 329824.3 | 24.85 | 0 | 0.35 | 5.24 | 0.35 | 6.96 |
| 8/21/2022 20:00 | 14.92 | 327784.8 | 30.46 | 0 | 0.35 | 3.57 | 0.35 | 3.96 |
| 8/21/2022 21:00 | 14.98 | 332392.8 | 27.32 | 0 | 0.35 | 3.98 | 0.35 | 5.59 |
| 8/21/2022 22:00 | 14.62 | 387967.5 | 7.98 | 0 | 0.41 | 3.72 | 0.34 | 6.26 |
| 8/21/2022 23:00 | 14.57 | 384023.3 | 1.5 | 0 | 0.81 | 4.05 | 0.33 | 4.98 |
| 8/22/2022 0:00 | 14.57 | 384341.9 | 1.71 | 0 | 0.33 | 5.16 | 0.33 | 5.16 |
| 8/22/2022 1:00 | 14.56 | 394048.9 | 1.86 | 0 | 0.33 | 5.28 | 0.33 | 5.28 |
| 8/22/2022 2:00 | 14.54 | 394367.4 | 1.81 | 0 | 0.33 | 5.44 | 0.33 | 5.44 |
| 8/22/2022 3:00 | 14.53 | 384208.3 | 1.88 | 0 | 0.33 | 5.78 | 0.33 | 5.78 |
| 8/22/2022 4:00 | 14.53 | 394394.6 | 2 | 0 | 0.33 | 6.12 | 0.33 | 6.12 |
| 8/22/2022 5:00 | 14.54 | 394498.4 | 2.39 | 0 | 0.33 | 6.07 | 0.33 | 6.07 |
| 8/22/2022 6:00 | 14.54 | 395087.2 | 2.34 | 0 | 0.33 | 6.27 | 0.33 | 6.27 |
| 8/22/2022 7:00 | 14.57 | 393465.8 | 5.13 | 0 | 0.33 | 5.63 | 0.33 | 5.63 |
| 8/22/2022 8:00 | 14.93 | 335954 | 18.63 | 0 | 0.49 | 9.76 | 0.33 | 9.76 |
| 8/22/2022 9:00 | 15.06 | 316554.9 | 25.48 | 0 | 0.36 | 3.94 | 0.36 | 3.94 |
| 8/22/2022 10:00 | 14.97 | 343594.2 | 26.69 | 0 | 0.37 | 3.9 | 0.37 | 3.9 |
| 8/22/2022 11:00 | 14.94 | 345130.2 | 25 | 0 | 0.35 | 3.11 | 0.35 | 3.11 |
| 8/22/2022 12:00 | 14.95 | 341607.9 | 28.97 | 0 | 0.35 | 3.29 | 0.35 | 3.29 |
| 8/22/2022 13:00 | 14.92 | 342951.3 | 25.8 | 0 | 0.35 | 3.08 | 0.35 | 3.08 |
| 8/22/2022 14:00 | 14.93 | 343315.4 | 26.46 | 0 | 0.35 | 3.51 | 0.35 | 3.51 |
| 8/22/2022 15:00 | 14.91 | 342359.7 | 27.63 | 0 | 0.35 | 3.8 | 0.35 | 3.8 |
| 8/22/2022 16:00 | 14.9 | 341574.3 | 28.39 | 0 | 0.35 | 3.83 | 0.35 | 3.83 |
| 8/22/2022 17:00 | 14.89 | 344556.5 | 26.04 | 0 | 0.35 | 4.2 | 0.35 | 4.2 |
| 8/22/2022 18:00 | 14.91 | 345215.5 | 25.38 | 0 | 0.35 | 5.88 | 0.35 | 5.88 |
| 8/22/2022 19:00 | 15.01 | 341790.8 | 24.08 | 0 | 0.35 | 9.83 | 0.35 | 9.83 |
| 8/22/2022 20:00 | 14.92 | 353379.1 | 21.82 | 0 | 0.35 | 6.88 | 0.35 | 6.88 |
| 8/22/2022 21:00 | 14.97 | 351208.8 | 23.6 | 0 | 0.35 | 10.79 | 0.35 | 10.79 |
| 8/22/2022 22:00 | 15.01 | 343193.1 | 21.65 | 0 | 0.8 | 4.14 | 0.35 | 14 |
| 8/22/2022 23:00 | 15.16 | 299747.6 | 18.4 | 0 | 0.42 | 5.83 | 0.35 | 8.93 |
| 8/23/2022 0:00 | 15.13 | 292920.7 | 20.1 | 0 | 0.65 | 3.91 | 0.35 | 3.91 |
| 8/23/2022 1:00 | 15.1 | 301632.9 | 21.06 | 0 | 0.96 | 4.14 | 0.4 | 3.65 |
| 8/23/2022 2:00 | 15.11 | 301556.2 | 20.33 | 0 | 0.49 | 3.87 | 0.35 | 3.87 |
| 8/23/2022 3:00 | 15.13 | 299889.3 | 17.84 | 0 | 0.78 | 5.12 | 0.35 | 5.12 |
| 8/23/2022 4:00 | 15.15 | 297215.5 | 16.01 | 0 | 0.77 | 5.77 | 0.35 | 5.77 |
| 8/23/2022 5:00 | 15.16 | 297167.1 | 16.15 | 0 | 0.73 | 4.94 | 0.35 | 4.94 |
| 8/23/2022 6:00 | 15.17 | 295082.2 | 16.07 | 0 | 1.86 | 5.04 | 0.35 | 5.04 |
| 8/23/2022 7:00 | 15.19 | 301945.8 | 15.71 | 0 | 0.48 | 8.64 | 0.44 | 6.01 |
| 8/23/2022 8:00 | 15.14 | 313396.3 | 20.51 | 0 | 0.35 | 4.32 | 0.36 | 4.32 |
| 8/23/2022 9:00 | 15.13 | 314262.3 | 22.88 | 0 | 0.36 | 4.84 | 0.36 | 4.84 |
| 8/23/2022 10:00 | 15.01 | 345026.3 | 26.94 | 0 | 0.35 | 4.54 | 0.35 | 4.54 |
| 8/23/2022 11:00 | 15 | 341890.4 | 23.81 | 0 | 0.35 | 4.82 | 0.35 | 4.82 |
| 8/23/2022 12:00 | 14.97 | 341247.5 | 20.39 | 0 | 0.35 | 3.56 | 0.35 | 3.56 |
| 8/23/2022 13:00 | 14.97 | 340616.1 | 20.41 | 0 | 0.35 | 3.74 | 0.35 | 3.74 |
| 8/23/2022 14:00 | 14.92 | 341901.8 | 19.06 | 0 | 0.35 | 3.3 | 0.35 | 3.3 |
| 8/23/2022 15:00 | 14.95 | 339065.8 | 21.04 | 0 | 0.35 | 3.79 | 0.35 | 3.79 |
| 8/23/2022 16:00 | 14.91 | 340946.6 | 19.29 | 0 | 0.35 | 3.52 | 0.35 | 3.52 |
| 8/23/2022 17:00 | 14.92 | 340837.2 | 19.85 | 0 | 0.35 | 3.69 | 0.35 | 3.69 |
| 8/23/2022 18:00 | 14.92 | 332669.1 | 33.42 | 0 | 0.35 | 3.29 | 0.35 | 3.29 |
| 8/23/2022 19:00 | 14.93 | 331126.2 | 34.93 | 0 | 0.35 | 3.19 | 0.35 | 3.19 |
| 8/23/2022 20:00 | 14.93 | 332992.8 | 33.11 | 0 | 0.35 | 3.33 | 0.35 | 3.33 |
| 8/23/2022 21:00 | 14.95 | 334332.7 | 34.86 | 0 | 0.35 | 3.44 | 0.35 | 3.44 |
| 8/23/2022 22:00 | 15.02 | 327833.1 | 26.75 | 0 | 0.68 | 6.5 | 0.68 | 6.5 |
| 8/23/2022 23:00 | 15.12 | 298972.3 | 20.55 | 0 | 0.26 | 4.61 | 0.26 | 4.61 |
| 8/24/2022 0:00 | 15.11 | 297093.2 | 21.27 | 0 | 0.82 | 4.67 | 0.35 | 4.67 |
| 8/24/2022 1:00 | 15.1 | 299023.3 | 21.1 | 0 | 0.46 | 3.62 | 0.46 | 3.62 |
| 8/24/2022 2:00 | 15.1 | 295634 | 19.89 | 0 | 1.14 | 3.97 | 0.46 | 3.97 |
| 8/24/2022 3:00 | 15.1 | 294638.6 | 19.56 | 0 | 1.46 | 4.26 | 0.46 | 4.26 |
| 8/24/2022 4:00 | 15.09 | 2970770.5 | 19.94 | 0 | 0.46 | 3.87 | 0.46 | 3.87 |
| 8/24/2022 5:00 | 15.1 | 295699.2 | 16.99 | 0 | 0.38 | 3.93 | 0.38 | 3.93 |
| 8/24/2022 6:00 | 15.12 | 294402.4 | 19.27 | 0 | 0.68 | 4.24 | 0.68 | 4.24 |
| 8/24/2022 7:00 | 15.11 | 298134.3 | 19.58 | 0 | 0.41 | 3.89 | 0.41 | 3.89 |

Site Name: GULF_NRV1
Stack Name: HRSG_STACK2
Periodically: 01/08/2020 00:00-31/08/2020 23:59

| Date & Time | Actual Operation | | Emission Comparison for Standardization Comparison | | | | | | |
|-----------------|------------------|------------|--|------------------|------------------|-----------------|--|-------|--|
| | FLOW @ 1 ATM | | | | | | | | |
| | Q2 | m3/hr | HRSG1_NOx @ %WQ2 | HRSG1_SOx @ %WQ2 | HRSG1_Dust (%Q2) | HRSG1_CO @ %WQ2 | | | |
| 8/30/2022 4:00 | 15.14 | 202692.7 | 0.78 | 0.04 | 1.1 | 0.83 | | 4.49 | |
| 8/30/2022 5:00 | 15.11 | 258892.9 | 20.22 | 0.04 | 0.51 | 3.91 | | 4.22 | |
| 8/30/2022 6:00 | 15.12 | 294419.4 | 0.45 | 0.04 | 0.9 | 4.99 | | 4.31 | |
| 8/30/2022 7:00 | 15.15 | 295429.3 | 1.67 | 0.02 | 0.68 | 4.57 | | 4.62 | |
| 8/30/2022 8:00 | 14.97 | 348833.7 | 25.85 | 0.02 | 0.35 | 6.03 | | 9.32 | |
| 8/30/2022 8:00 | 14.97 | 350201.8 | 23.61 | 0 | 0.35 | 6.32 | | 9.33 | |
| 8/30/2022 11:00 | 14.99 | 345803.9 | 0.42 | 0 | 0.35 | 4.78 | | 4.59 | |
| 8/30/2022 11:00 | 14.99 | 343517.4 | 25.49 | 0 | 0.35 | 4.54 | | 4.59 | |
| 8/30/2022 12:00 | 14.93 | 345154.3 | 27.64 | 0 | 0.36 | 3.89 | | 3.89 | |
| 8/30/2022 13:00 | 14.9 | 344586.3 | 25.9 | 0 | 0.35 | 4.1 | | 4.1 | |
| 8/30/2022 14:00 | 14.81 | 348178.9 | 31.72 | 0.03 | 0.35 | 3.28 | | 3.28 | |
| 8/30/2022 15:00 | 14.92 | 341115.9 | 33.45 | 0 | 0.35 | 3.26 | | 3.26 | |
| 8/30/2022 16:00 | 14.91 | 343099.3 | 28.1 | 0 | 0.35 | 3.58 | | 3.58 | |
| 8/30/2022 17:00 | 14.91 | 345093.6 | 25.28 | 0 | 0.35 | 3.81 | | 3.81 | |
| 8/30/2022 18:00 | 14.99 | 342676.9 | 23.22 | 0 | 0.35 | 3.87 | | 3.87 | |
| 8/30/2022 19:00 | 14.98 | 342525.8 | 25.61 | 0 | 0.35 | 3.85 | | 3.85 | |
| 8/30/2022 20:00 | 14.98 | 348813.3 | 25.48 | 0 | 0.35 | 4.81 | | 4.81 | |
| 8/30/2022 21:00 | 15.05 | 345061.9 | 23.97 | 0 | 0.36 | 15.41 | | 15.41 | |
| 8/30/2022 22:00 | 14.94 | 353251.1 | 20.27 | 0 | 0.35 | 5.22 | | 5.22 | |
| 8/30/2022 23:00 | 14.99 | 345896.2 | 21.98 | 0 | 0.35 | 4.96 | | 4.96 | |
| 8/31/2022 0:00 | 14.93 | 333738.2 | 32.12 | 0 | 0.35 | 4.06 | | 4.06 | |
| 8/31/2022 1:00 | 14.96 | 331889.3 | 27.62 | 0 | 0.35 | 4.06 | | 4.06 | |
| 8/31/2022 2:00 | 14.94 | 331058.7 | 30.49 | 0 | 0.35 | 3.81 | | 3.81 | |
| 8/31/2022 3:00 | 14.91 | 340610.9 | 29.71 | 0 | 0.35 | 4.06 | | 4.06 | |
| 8/31/2022 4:00 | 14.91 | 341389.8 | 22.74 | 0.02 | 0.35 | 16.07 | | 16.07 | |
| 8/31/2022 5:00 | 15.12 | 299559.6 | 17.43 | 0 | 1.18 | 7.95 | | 7.95 | |
| 8/31/2022 6:00 | 15.12 | 292108.9 | 19.87 | 0 | 1.82 | 4.14 | | 4.14 | |
| 8/31/2022 7:00 | 15.15 | 292620.5 | 19.54 | 0 | 1.42 | 4.23 | | 4.23 | |
| 8/31/2022 8:00 | 15.16 | 298072.1 | 21.53 | 0 | 0.36 | 4.01 | | 4.01 | |
| 8/31/2022 8:00 | 15.13 | 313466.5 | 13.13 | 0.04 | 0.37 | 4.8 | | 4.8 | |
| 8/31/2022 10:00 | 14.83 | 363712.9 | 33.81 | 0.04 | 0.37 | 10.39 | | 10.39 | |
| 8/31/2022 11:00 | 14.94 | 343816.1 | 33.03 | 0 | 0.35 | 3.33 | | 3.33 | |
| 8/31/2022 12:00 | 14.93 | 343845.1 | 0.15 | 0 | 0.35 | 3.44 | | 3.44 | |
| 8/31/2022 13:00 | 14.94 | 344794.6 | 25.54 | 0 | 0.35 | 5.61 | | 5.61 | |
| 8/31/2022 14:00 | 14.91 | 343801.8 | 25.67 | 0.01 | 0.35 | 6.82 | | 6.82 | |
| 8/31/2022 15:00 | 14.91 | 340271.9 | 25.35 | 0.01 | 0.35 | 4.2 | | 4.2 | |
| 8/31/2022 16:00 | 14.92 | 337803.8 | 16.44 | 0.01 | 0.35 | 3.35 | | 3.35 | |
| 8/31/2022 17:00 | 14.95 | 336016.6 | 25.92 | 0.01 | 0.35 | 5.35 | | 5.35 | |
| 8/31/2022 18:00 | 14.93 | 336912.6 | 27.09 | 0.02 | 0.35 | 4.75 | | 4.75 | |
| 8/31/2022 19:00 | 14.94 | 338114.9 | 21.21 | 0.02 | 0.35 | 4.58 | | 4.58 | |
| 8/31/2022 20:00 | 14.95 | 335373.8 | 27.55 | 0.02 | 0.35 | 4.25 | | 4.25 | |
| 8/31/2022 21:00 | 14.96 | 335954 | 28.59 | 0.02 | 0.35 | 4.24 | | 4.24 | |
| 8/31/2022 22:00 | 15.02 | 327233.8 | 14.82 | 0.04 | 0.35 | 4.43 | | 4.43 | |
| 8/31/2022 23:00 | 15.12 | 296962.4 | 19.87 | 0.03 | 0.51 | 4.85 | | 4.85 | |
| Minimum | 14.51 | 261,573.00 | 0.71 | 0.00 | 0.33 | 1.23 | | | |
| Maximum | 15.19 | 490,316.50 | 37.45 | 0.06 | 1.86 | 25.95 | | | |
| Avg | 14.98 | 338,722.58 | 26.05 | 0.03 | 0.55 | 4.56 | | | |

Name: GULF_NRV2
 k Name: HRSG_STACK2
 odically: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | | Remark |
|----------------|----------------------------|---------------|---|----------|-----------------|-----------|------------|--|--------|
| | OC | FLOW #1 AT TM | HSR#1_NCH#7/HSR1_Soc#7/HSR1_H2O2 | HSR#1_O2 | HSR#1_T2 (7602) | HSR#1_CO8 | HSR#1_H2O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | | | |
| 9/5/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/5/2022 8:00 | 15.06 | 33422.55 | 20.50 | 0.73 | 1.08 | 0.67 | 19.67 | | |
| 9/5/2022 9:00 | 14.94 | 33899.63 | 31.47 | 0.08 | 0.35 | 4.19 | | | |
| 9/5/2022 10:00 | 14.92 | 33788.83 | 30.21 | 0.21 | 0.92 | 4.07 | | | |
| 9/5/2022 11:00 | 14.95 | 40943.2 | 29.52 | 0 | 0.35 | 4.18 | | | |
| 9/5/2022 12:00 | 14.81 | 34461.2 | 28.14 | 0 | 0.35 | 4.12 | | | |
| 9/5/2022 13:00 | 14.91 | 44584.1 | 24.73 | 0 | 0.35 | 4.53 | | | |
| 9/5/2022 14:00 | 14.84 | 347914.9 | 20.91 | 0 | 0.34 | 3.64 | | | |
| 9/5/2022 15:00 | 14.89 | 347411.8 | 17.49 | 0.39 | 0.35 | 3.62 | | | |
| 9/5/2022 16:00 | 14.87 | 345152.9 | 23.95 | 0 | 0.35 | 4.03 | | | |
| 9/5/2022 17:00 | 14.85 | 344696.3 | 23.95 | 0 | 0.35 | 4.03 | | | |
| 9/5/2022 18:00 | 14.93 | 341841.1 | 27.92 | 0 | 0.35 | 4.55 | | | |
| 9/5/2022 19:00 | 14.89 | 337366.4 | 32.75 | 0 | 0.35 | 3.84 | | | |
| 9/5/2022 20:00 | 14.8 | 337338.8 | 32.44 | 0 | 0.35 | 3.87 | | | |
| 9/5/2022 21:00 | 14.92 | 336366.2 | 32.94 | 0 | 0.35 | 3.76 | | | |
| 9/5/2022 22:00 | 15.02 | 334106 | 32.91 | 0.07 | 0.35 | 3.76 | | | |
| 9/5/2022 23:00 | 15.02 | 319354.8 | 32.91 | 0.03 | 0.35 | 3.85 | | | |
| 9/5/2022 0:00 | 15.08 | 289595.0 | 19.19 | 0.04 | 0.35 | 4.36 | | | |
| 9/5/2022 1:00 | 15.08 | 289551.3 | 19.22 | 0.04 | 0.35 | 4.36 | | | |
| 9/5/2022 2:00 | 15.07 | 296429.2 | 19.03 | 0.07 | 0.36 | 4.13 | | | |
| 9/5/2022 3:00 | 15.07 | 297243.5 | 19.25 | 0.11 | 0.36 | 4.11 | | | |
| 9/5/2022 4:00 | 15.07 | 295417.9 | 19.17 | 0.11 | 0.36 | 4.09 | | | |
| 9/5/2022 5:00 | 15.09 | 338349.9 | 17.11 | 0.12 | 0.65 | 4.64 | | | |
| 9/5/2022 6:00 | 15.08 | 265272.8 | 18.35 | 0.07 | 1.08 | 4.57 | | | |
| 9/5/2022 7:00 | 15.11 | 289081.8 | 16.16 | 0.16 | 1.11 | 8.24 | | | |
| 9/5/2022 8:00 | 14.96 | 338999.6 | 24.69 | 0.13 | 0.36 | 8.22 | | | |
| 9/5/2022 9:00 | 14.93 | 347176.3 | 24.64 | 0.04 | 0.36 | 8.22 | | | |
| 9/5/2022 10:00 | 14.96 | 350136.4 | 21.83 | 0.03 | 0.35 | 4.43 | | | |
| 9/5/2022 11:00 | 14.79 | 347344.2 | 18.87 | 0.34 | 0.34 | 4.25 | | | |
| 9/5/2022 12:00 | 14.85 | 347724.3 | 21.96 | 0.32 | 0.34 | 4.2 | | | |
| 9/5/2022 13:00 | 14.85 | 347079.2 | 26.17 | 0.08 | 0.34 | 4.61 | | | |
| 9/5/2022 14:00 | 14.79 | 304649.7 | 18.97 | 0.19 | 0.34 | 4.25 | | | |
| 9/5/2022 15:00 | 14.81 | 350199.1 | 21.19 | 0.06 | 0.34 | 4.55 | | | |
| 9/5/2022 16:00 | 14.78 | 341215.3 | 24.78 | 0.03 | 0.34 | 4.47 | | | |
| 9/5/2022 17:00 | 14.8 | 339729.2 | 29.63 | 0.05 | 0.34 | 3.41 | | | |
| 9/5/2022 18:00 | 14.82 | 32577.29 | 30.84 | 0.06 | 0.34 | 3.2 | | | |
| 9/5/2022 19:00 | 14.84 | 33066.6 | 32.07 | 0.16 | 0.34 | 3.16 | | | |
| 9/5/2022 20:00 | 14.86 | 33077.48 | 31.34 | 0.07 | 0.35 | 3.67 | | | |
| 9/5/2022 21:00 | 14.88 | 33003.3 | 32.66 | 0.07 | 0.35 | 3.76 | | | |
| 9/5/2022 22:00 | 14.86 | 33000.7 | 32.35 | 0.04 | 0.35 | 3.77 | | | |
| 9/5/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/7/2022 8:00 | 14.96 | 340812.1 | 24.30 | 0.88 | 1.24 | 22.72 | | | |
| 9/7/2022 9:00 | 14.81 | 352531.4 | 24.86 | 0.02 | 0.34 | 4.46 | | | |
| 9/7/2022 10:00 | 14.84 | 347776.4 | 26.03 | 0.04 | 0.34 | 4.12 | | | |
| 9/7/2022 11:00 | 14.84 | 347776.4 | 27.11 | 0.03 | 0.34 | 4.78 | | | |
| 9/7/2022 12:00 | 14.82 | 347776.4 | 26.11 | 0.02 | 0.34 | 4.24 | | | |
| 9/7/2022 13:00 | 14.82 | 348341.6 | 26.41 | 0.02 | 0.34 | 5.44 | | | |
| 9/7/2022 14:00 | 14.82 | 345154.5 | 29.93 | 0.04 | 0.34 | 4.57 | | | |
| 9/7/2022 15:00 | 14.82 | 347175.3 | 29.34 | 0.03 | 0.34 | 4.97 | | | |
| 9/7/2022 16:00 | 14.87 | 345312.3 | 26.31 | 0.03 | 0.35 | 8.12 | | | |
| 9/7/2022 17:00 | 14.82 | 348738.6 | 26.01 | 0.07 | 0.34 | 8.63 | | | |
| 9/7/2022 18:00 | 14.82 | 348844 | 26.07 | 0.07 | 0.34 | 8.63 | | | |
| 9/7/2022 19:00 | 14.88 | 347309 | 27.31 | 0.09 | 0.35 | 10.24 | | | |
| 9/7/2022 20:00 | 14.87 | 348669 | 22.8 | 0.05 | 0.35 | 10.24 | | | |
| 9/7/2022 21:00 | 14.83 | 353999.6 | 23.51 | 0.01 | 0.34 | 7.21 | | | |
| 9/7/2022 22:00 | 14.81 | 355270.6 | 23.51 | 0.02 | 0.34 | 7.06 | | | |
| 9/7/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/8/2022 8:00 | 14.97 | 337052.2 | 27.84 | 0.99 | 1.31 | 23.85 | | | |
| 9/8/2022 9:00 | 14.87 | 353999 | 27.85 | 0.15 | 0.35 | 11.72 | | | |
| 9/8/2022 10:00 | 14.76 | 365238.5 | 15.83 | 0.17 | 0.34 | 16.76 | | | |
| 9/8/2022 11:00 | 14.55 | 355262.2 | 19.86 | 0.04 | 0.33 | 16.4 | | | |
| 9/8/2022 12:00 | 14.72 | 366199.9 | 16.21 | 0.04 | 0.34 | 6.63 | | | |
| 9/8/2022 13:00 | 14.62 | 351993.3 | 21.86 | 0.05 | 0.34 | 6.64 | | | |
| 9/8/2022 14:00 | 14.81 | 351295.2 | 21.84 | 0.14 | 0.34 | 8.61 | | | |
| 9/8/2022 15:00 | 14.83 | 345001 | 28.34 | 0.27 | 0.34 | 10.12 | | | |
| 9/8/2022 16:00 | 14.8 | 33932.4 | 27.32 | 0.05 | 0.34 | 4.18 | | | |
| 9/8/2022 17:00 | 14.83 | 33984.4 | 28.4 | 0.07 | 0.34 | 4.81 | | | |
| 9/8/2022 18:00 | 14.89 | 33895.6 | 27.17 | 0.08 | 0.34 | 4.74 | | | |
| 9/8/2022 19:00 | 14.87 | 337265.3 | 27.36 | 0.08 | 0.34 | 4.74 | | | |
| 9/8/2022 20:00 | 14.81 | 336264.1 | 25 | 0.06 | 0.35 | 6.02 | | | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/09/2020 00:00-30/09/2020 23:59

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Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodicity: 01/09/2020 00:00-30/09/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | | Remark |
|-----------------|----------------------------|--------------|---|----------------|-------------------|---------------|----------------|--|--------|
| | O2 | Flow @ 1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | HRSG1_CO2@7%O2 | | |
| 9/12/2022 21:00 | 14.8 | 334538.9 | 27.33 | 0 | 0.39 | 3.93 | | | |
| 9/12/2022 22:00 | 14.88 | 336520.1 | 30.27 | 0 | 0.35 | 3.3 | | | |
| 9/12/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2023 8:00 | 15.02 | 333678.3 | 25.67 | 0.35 | 1.1 | 25.7 | | | |
| 9/12/2023 9:00 | 14.91 | 345627.3 | 28.34 | 0 | 0.39 | 7.27 | | | |
| 9/12/2023 10:00 | 14.83 | 343885.2 | 28.69 | 0 | 0.39 | 9.59 | | | |
| 9/12/2023 11:00 | 14.8 | 345654.2 | 30.58 | 0 | 0.39 | 8.3 | | | |
| 9/12/2023 12:00 | 14.88 | 341935.9 | 30.2 | 0 | 0.39 | 4.47 | | | |
| 9/12/2023 13:00 | 14.86 | 341199 | 30.51 | 0 | 0.34 | 3.87 | | | |
| 9/12/2023 14:00 | 14.84 | 343644.9 | 30.39 | 0 | 0.34 | 3.44 | | | |
| 9/12/2023 15:00 | 14.83 | 343865 | 31.87 | 0 | 0.34 | 3.83 | | | |
| 9/12/2023 16:00 | 14.82 | 343933.3 | 31.89 | 0 | 0.34 | 4.06 | | | |
| 9/12/2023 17:00 | 14.83 | 341773.4 | 29.91 | 0 | 0.34 | 4.86 | | | |
| 9/12/2023 18:00 | 14.85 | 343357.2 | 28.69 | 0 | 0.34 | 3.91 | | | |
| 9/12/2023 19:00 | 14.9 | 341905.9 | 24.76 | 0 | 0.35 | 30.05 | | | |
| 9/12/2023 20:00 | 14.82 | 341156.5 | 23.79 | 0 | 0.38 | 11.98 | | | |
| 9/12/2023 21:00 | 14.85 | 337352.5 | 28.85 | 0 | 0.34 | 3.86 | | | |
| 9/12/2023 22:00 | 14.86 | 336258 | 26.46 | 0 | 0.35 | 4.43 | | | |
| 9/12/2023 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2024 8:00 | 15.15 | 330367 | 30.4 | 0.96 | 2.34 | 89.27 | | | |
| 9/12/2024 9:00 | 14.87 | 331555.8 | 32.18 | 0 | 0.35 | 3.39 | | | |
| 9/12/2024 10:00 | 14.88 | 341190 | 32.4 | 0 | 0.38 | 3.28 | | | |
| 9/12/2024 11:00 | 14.9 | 345690.2 | 24.39 | 0 | 0.38 | 4 | | | |
| 9/12/2024 12:00 | 14.89 | 343177.9 | 21.89 | 0 | 0.37 | 4.07 | | | |
| 9/12/2024 13:00 | 14.85 | 344555 | 25.21 | 0 | 0.34 | 3.86 | | | |
| 9/12/2024 14:00 | 14.79 | 345690.2 | 21.89 | 0 | 0.34 | 3.86 | | | |
| 9/12/2024 15:00 | 14.85 | 344555 | 25.21 | 0 | 0.34 | 3.86 | | | |
| 9/12/2024 16:00 | 14.89 | 345690.2 | 21.89 | 0 | 0.34 | 3.86 | | | |
| 9/12/2024 17:00 | 14.85 | 339111.3 | 24.58 | 0 | 0.35 | 5.72 | | | |
| 9/12/2024 18:00 | 14.85 | 339111.3 | 24.58 | 0 | 0.34 | 3.43 | | | |
| 9/12/2024 19:00 | 14.85 | 339111.3 | 24.58 | 0 | 0.34 | 3.43 | | | |
| 9/12/2024 20:00 | 14.87 | 333964.1 | 30.65 | 0 | 0.35 | 3.86 | | | |
| 9/12/2024 21:00 | 14.87 | 333136.6 | 32.53 | 0 | 0.35 | 3.69 | | | |
| 9/12/2024 22:00 | 14.84 | 336037.8 | 32.43 | 0 | 0.34 | 3.46 | | | |
| 9/12/2024 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2025 8:00 | 15.11 | 331205.4 | 26.82 | 1.01 | 2.36 | 43.02 | | | |
| 9/12/2025 9:00 | 14.85 | 333951.9 | 33.52 | 0.01 | 0.34 | 3.12 | | | |
| 9/12/2025 10:00 | 14.85 | 334264.1 | 33.39 | 0.34 | 0.34 | 3.26 | | | |
| 9/12/2025 11:00 | 14.85 | 344475.2 | 25.34 | 0 | 0.34 | 3.31 | | | |
| 9/12/2025 12:00 | 14.84 | 344651.7 | 27.65 | 0 | 0.34 | 3.34 | | | |
| 9/12/2025 13:00 | 14.83 | 343975.3 | 26.66 | 0 | 0.34 | 3.34 | | | |
| 9/12/2025 14:00 | 14.83 | 343522.9 | 27.48 | 0 | 0.34 | 3.27 | | | |
| 9/12/2025 15:00 | 14.77 | 339174.9 | 32.86 | 0.34 | 0.34 | 3.39 | | | |
| 9/12/2025 16:00 | 14.77 | 334776.4 | 31.79 | 0 | 0.34 | 3.27 | | | |
| 9/12/2025 17:00 | 14.77 | 334776.4 | 31.79 | 0 | 0.34 | 3.27 | | | |
| 9/12/2025 18:00 | 14.78 | 332584.3 | 31.02 | 0 | 0.34 | 3.31 | | | |
| 9/12/2025 19:00 | 14.8 | 328595.9 | 29.41 | 0 | 0.34 | 3.43 | | | |
| 9/12/2025 20:00 | 14.82 | 321624.4 | 27.89 | 0 | 0.34 | 3.26 | | | |
| 9/12/2025 21:00 | 14.85 | 319530.2 | 24.9 | 0 | 0.34 | 3.29 | | | |
| 9/12/2025 22:00 | 14.86 | 317028.2 | 25.22 | 0 | 0.34 | 3.36 | | | |
| 9/12/2025 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 9/12/2026 8:00 | 14.97 | 332611.5 | 21.66 | 0.69 | 1.42 | 25.45 | | | |
| 9/12/2026 9:00 | 14.82 | 347925.8 | 21.81 | 0.34 | 3.7 | 15.52 | | | |
| 9/12/2026 10:00 | 14.84 | 344732 | 24.04 | 0 | 0.34 | 3.68 | | | |
| 9/12/2026 11:00 | 14.81 | 344919.7 | 23.64 | 0 | 0.34 | 3.31 | | | |
| 9/12/2026 12:00 | 14.79 | 344919.7 | 23.24 | 0 | 0.34 | 2.87 | | | |
| 9/12/2026 13:00 | 14.76 | 344919.7 | 23.23 | 0 | 0.34 | 3.34 | | | |
| 9/12/2026 14:00 | 14.76 | 344774.5 | 23.53 | 0 | 0.34 | 2.93 | | | |
| 9/12/2026 15:00 | 14.77 | 340124 | 31.25 | 0 | 0.34 | 3.34 | | | |
| 9/12/2026 16:00 | 14.77 | 341637.2 | 31.95 | 0 | 0.34 | 3.32 | | | |
| 9/12/2026 17:00 | 14.8 | 340491.6 | 29.28 | 0 | 0.34 | 3.59 | | | |
| 9/12/2026 18:00 | 14.8 | 331467.7 | 29.97 | 0 | 0.34 | 3.43 | | | |
| 9/12/2026 19:00 | 14.81 | 331660.9 | 29.97 | 0 | 0.34 | 3.31 | | | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | Remark |
|-----------------|----------------------------|--------------------|---|----------------|-----------------|---------------|-----|--------|
| | Q2 | FLOW @1 ATM ZSC | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust@7%O2 | HRSG1_CO@7%O2 | | |
| 9/28/2022 17:00 | 14.77 | 331103.3 | 25.83 | 0.45 | 0.34 | 2.99 | ppm | |
| 9/28/2022 18:00 | 14.77 | 334113.8 | 26.1 | 0.38 | 0.34 | 2.91 | ppm | |
| 9/28/2022 19:00 | 14.79 | 333681.4 | 24.15 | 0.34 | 0.34 | 2.91 | ppm | |
| 9/28/2022 20:00 | 14.77 | 335629.4 | 26.62 | 0.37 | 0.34 | 2.81 | ppm | |
| 9/28/2022 21:00 | 14.79 | 333932.7 | 25.4 | 0.39 | 0.34 | 2.84 | ppm | |
| 9/28/2022 22:00 | 14.79 | 334809.9 | 25.38 | 0.36 | 0.34 | 2.88 | ppm | |
| 9/28/2022 23:00 | 14.67 | 361118.6 | 16.38 | 0.34 | 0.33 | 4.46 | ppm | |
| 9/29/2022 0:00 | 14.55 | 375539.7 | 11.11 | 0.29 | 0.33 | 3.22 | ppm | |
| 9/29/2022 1:00 | 14.54 | 374884.5 | 11.64 | 0.35 | 0.33 | 3.16 | ppm | |
| 9/29/2022 2:00 | 14.53 | 375026.3 | 11.3 | 0.39 | 0.33 | 3.22 | ppm | |
| 9/29/2022 3:00 | 14.52 | 374912.4 | 11.28 | 0.42 | 0.33 | 3.07 | ppm | |
| 9/29/2022 4:00 | 14.52 | 374867.5 | 11.17 | 0.44 | 0.33 | 3.1 | ppm | |
| 9/29/2022 5:00 | 14.54 | 375569.4 | 10.74 | 0.47 | 0.33 | 3.41 | ppm | |
| 9/29/2022 6:00 | 14.53 | 375775.8 | 13.52 | 0.47 | 0.33 | 4.29 | ppm | |
| 9/29/2022 7:00 | 14.58 | 369562 | 15.86 | 0.44 | 0.33 | 4.38 | ppm | |
| 9/29/2022 8:00 | 14.76 | 345629.5 | 20.43 | 0.51 | 0.34 | 8.63 | ppm | |
| 9/29/2022 9:00 | 14.75 | 335092.6 | 27.17 | 0.41 | 0.34 | 2.93 | ppm | |
| 9/29/2022 10:00 | 14.75 | 336124.7 | 27.33 | 0.4 | 0.34 | 2.97 | ppm | |
| 9/29/2022 11:00 | 14.72 | 336881.1 | 28.61 | 0.4 | 0.34 | 2.79 | ppm | |
| 9/29/2022 12:00 | 14.7 | 336175.4 | 29.09 | 0.38 | 0.34 | 2.57 | ppm | |
| 9/29/2022 13:00 | 14.7 | 336114.4 | 28.36 | 0.38 | 0.34 | 2.64 | ppm | |
| 9/29/2022 14:00 | 14.72 | 336837.3 | 26 | 0.37 | 0.34 | 3.01 | ppm | |
| 9/29/2022 15:00 | 14.71 | 337172.2 | 26.36 | 0.37 | 0.34 | 2.86 | ppm | |
| 9/29/2022 16:00 | 14.73 | 335133.8 | 26.84 | 0.34 | 0.34 | 3.15 | ppm | |
| 9/29/2022 17:00 | 14.77 | 336881.1 | 24.66 | 0.36 | 0.34 | 3.2 | ppm | |
| 9/29/2022 18:00 | 14.78 | 333737.8 | 24.94 | 0.34 | 0.34 | 3.65 | ppm | |
| 9/29/2022 19:00 | 14.8 | 333162.6 | 24.39 | 0.29 | 0.34 | 3.47 | ppm | |
| 9/29/2022 20:00 | 14.78 | 334847.1 | 25.3 | 0.27 | 0.34 | 3.31 | ppm | |
| 9/29/2022 21:00 | 14.83 | 333738.1 | 23.66 | 0.26 | 0.34 | 3.5 | ppm | |
| 9/29/2022 22:00 | 14.82 | 335877.5 | 23.86 | 0.25 | 0.34 | 3.36 | ppm | |
| 9/29/2022 23:00 | 14.71 | 362182.2 | 13.89 | 0.22 | 0.34 | 6.09 | ppm | |
| 9/30/2022 0:00 | 14.61 | 377110.3 | 8.02 | 0.15 | 0.33 | 4.62 | ppm | |
| 9/30/2022 1:00 | 14.61 | 377117.1 | 7.63 | 0.17 | 0.33 | 4.8 | ppm | |
| 9/30/2022 2:00 | 14.61 | 377116.8 | 7.87 | 0.18 | 0.33 | 4.82 | ppm | |
| 9/30/2022 3:00 | 14.59 | 376735 | 8.79 | 0.18 | 0.33 | 4.7 | ppm | |
| 9/30/2022 4:00 | 14.6 | 376957 | 7.41 | 0.21 | 0.33 | 4.76 | ppm | |
| 9/30/2022 5:00 | 14.61 | 377337.8 | 7.35 | 0.23 | 0.33 | 4.88 | ppm | |
| 9/30/2022 6:00 | 14.62 | 377134.7 | 7.83 | 0.23 | 0.34 | 4.84 | ppm | |
| 9/30/2022 7:00 | 14.71 | 365988.8 | 12.86 | 0.28 | 0.34 | 11.8 | ppm | |
| 9/30/2022 8:00 | 14.89 | 343303.1 | 22.46 | 0.38 | 0.34 | 17.77 | ppm | |
| 9/30/2022 9:00 | 14.91 | 340675.8 | 24.57 | 0.32 | 0.35 | 10.78 | ppm | |
| 9/30/2022 10:00 | 14.9 | 347392.5 | 23.57 | 0.01 | 0.35 | 7.96 | ppm | |
| 9/30/2022 11:00 | 15.02 | 341797.7 | 25.37 | 0.01 | 0.35 | 8.37 | ppm | |
| 9/30/2022 12:00 | 14.88 | 341798.1 | 24.76 | 0.07 | 0.35 | 6.47 | ppm | |
| 9/30/2022 13:00 | 14.85 | 340129.7 | 27.15 | 0.05 | 0.34 | 4.77 | ppm | |
| 9/30/2022 14:00 | 14.81 | 341586 | 24.58 | 0.02 | 0.34 | 3.48 | ppm | |
| 9/30/2022 15:00 | 14.86 | 342050.1 | 24.44 | 0.01 | 0.34 | 4.65 | ppm | |
| 9/30/2022 16:00 | 14.85 | 343165 | 23.87 | 0.01 | 0.34 | 5.64 | ppm | |
| 9/30/2022 17:00 | 14.94 | 347115.9 | 19.16 | 0.12 | 0.35 | 23.83 | ppm | |
| 9/30/2022 18:00 | 14.83 | 338023.1 | 27.01 | 0.04 | 0.34 | 5.77 | ppm | |
| 9/30/2022 19:00 | 14.83 | 329127.8 | 27.62 | 0.04 | 0.34 | 2.73 | ppm | |
| 9/30/2022 20:00 | 14.83 | 332861.8 | 28.91 | 0.06 | 0.34 | 3.03 | ppm | |
| 9/30/2022 21:00 | 14.86 | 341411.4 | 25.98 | 0.09 | 0.35 | 3.05 | ppm | |
| 9/30/2022 22:00 | 14.82 | 333055.4 | 28.73 | 0.13 | 0.34 | 2.65 | ppm | |
| 9/30/2022 23:00 | 14.81 | 325662.6 | 14.45 | 0.08 | 0.34 | 1.88 | ppm | |
| Minimum | 14.46 | 290.340.60 | 6.01 | 0.01 | 0.32 | 2.63 | ppm | |
| Maximum | 15.02 | 386.485.80 | 28.91 | 0.09 | 0.35 | 23.83 | ppm | |
| Avg | 14.80 | 346.487.72 | 21.94 | 0.12 | 0.40 | 5.04 | ppm | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|--------------------|---|----------------|-----------------|---------------|--|
| | Q2 | FLOW @1 ATM ZSC | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust@7%O2 | HRSG1_CO@7%O2 | |
| 10/4/2022 4:00 | 15.06 | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/4/2022 5:00 | 15.06 | 294643.8 | 18.89 | 0.13 | 0.4 | 3.12 | |
| 10/4/2022 6:00 | 15.11 | 288730.4 | 15.99 | 0.11 | 1.55 | 3.76 | |
| 10/4/2022 7:00 | 15.1 | 289983.8 | 16.36 | 0.1 | 4.84 | 3.56 | |
| 10/4/2022 8:00 | 15.04 | 307853.7 | 22.68 | 0.06 | 0.36 | 2.88 | |
| 10/4/2022 9:00 | 14.95 | 341696.5 | 19.65 | 0.05 | 0.35 | 6.61 | |
| 10/4/2022 10:00 | 14.92 | 338713.1 | 31.73 | 0.03 | 0.35 | 3.36 | |
| 10/4/2022 11:00 | 14.92 | 347392.5 | 25.96 | 0.01 | 0.35 | 3.67 | |
| 10/4/2022 12:00 | 14.92 | 347741.3 | 26.9 | 0.01 | 0.37 | 3.35 | |
| 10/4/2022 13:00 | 14.87 | 348432.6 | 24.06 | 0 | 0.35 | 4.07 | |
| 10/4/2022 14:00 | 14.86 | 348549.8 | 24.41 | 0 | 0.35 | 4.46 | |
| 10/4/2022 15:00 | 14.89 | 342050.1 | 26.47 | 0 | 0.35 | 6.6 | |
| 10/4/2022 16:00 | 14.82 | 339424.3 | 30.76 | 0 | 0.34 | 2.79 | |
| 10/4/2022 17:00 | 14.86 | 336404.4 | 28.22 | 0 | 0.35 | 3.29 | |
| 10/4/2022 18:00 | 14.87 | 336415.6 | 28.17 | 0 | 0.35 | 3.16 | |
| 10/4/2022 19:00 | 14.88 | 336925.8 | 28.08 | 0 | 0.35 | 3.85 | |
| 10/4/2022 20:00 | 14.88 | 331912.3 | 29.08 | 0 | 0.35 | 3.07 | |
| 10/4/2022 21:00 | 14.88 | 332024 | 29.99 | 0 | 0.35 | 2.92 | |
| 10/4/2022 22:00 | 14.89 | 333899.6 | 28.06 | 0 | 0.35 | 3.2 | |
| 10/4/2022 23:00 | 14.97 | 330326.5 | 21.36 | 0 | 0.46 | 3.41 | |
| 10/5/2022 0:00 | 15.04 | 297016.4 | 15.92 | 0 | 0.49 | 3.35 | |
| 10/5/2022 1:00 | 15 | 302732.7 | 18.2 | 0 | 0.37 | 3.55 | |
| 10/5/2022 2:00 | 15.01 | 299728.3 | 16.42 | 0 | 0.47 | 3.99 | |
| 10/5/2022 3:00 | 15.04 | 296465.7 | 16.04 | 0.01 | 0.68 | 3.78 | |
| 10/5/2022 4:00 | 15.06 | 294549.5 | 15.39 | 0.02 | 0.77 | 4.07 | |
| 10/5/2022 5:00 | 15.08 | 295210.7 | 13.94 | 0.02 | 0.76 | 4.14 | |
| 10/5/2022 6:00 | 15.08 | 291168.4 | 13.62 | 0.03 | 0.86 | 4.52 | |
| 10/5/2022 7:00 | 15.11 | 292160 | 14.52 | 0.02 | 0.75 | 4.74 | |
| 10/5/2022 8:00 | 15.07 | 309981.4 | 18.62 | 0.01 | 0.36 | 3.61 | |
| 10/5/2022 9:00 | 14.94 | 341597.3 | 17.38 | 0.02 | 0.35 | 8.87 | |
| 10/5/2022 10:00 | 14.93 | 341043.3 | 23.51 | 0 | 0.35 | 6.55 | |
| 10/5/2022 11:00 | 14.91 | 349454.5 | 23.22 | 0 | 0.35 | 5.32 | |
| 10/5/2022 12:00 | 14.92 | 345909.3 | 23.71 | 0 | 0.35 | 5.94 | |
| 10/5/2022 13:00 | 14.87 | 347676.1 | 23.29 | 0 | 0.35 | 3.67 | |
| 10/5/2022 14:00 | 14.84 | 347074.3 | 21.97 | 0 | 0.34 | 3.55 | |
| 10/5/2022 15:00 | 14.89 | 343339.8 | 23.05 | 0 | 0.35 | 6.09 | |
| 10/5/2022 16:00 | 14.9 | 340556.7 | 20.23 | 0 | 0.35 | 7.67 | |
| 10/5/2022 17:00 | 14.91 | 338619.4 | 22.52 | 0 | 0.35 | 8.85 | |
| 10/5/2022 18:00 | 14.87 | 342353 | 24.48 | 0 | 0.35 | 4.65 | |
| 10/5/2022 19:00 | 14.93 | 347255.6 | 23.26 | 0.01 | 0.35 | 6.35 | |
| 10/5/2022 20:00 | 14.96 | 343107.8 | 24.94 | 0.01 | 0.35 | 6.68 | |
| 10/5/2022 21:00 | 14.93 | 336358.6 | 22.93 | 0 | 0.35 | 3.24 | |
| 10/5/2022 22:00 | 14.92 | 334429.9 | 26.81 | 0 | 0.35 | 3.28 | |
| 10/5/2022 23:00 | 15.04 | 307757.3 | 18.32 | 0.01 | 0.6 | 4.99 | |
| 10/6/2022 0:00 | 15.03 | 297802.7 | 16.65 | 0 | 0.43 | 3 | |
| 10/6/2022 1:00 | 15.01 | 298758.3 | 16.01 | 0.01 | 0.39 | 3.09 | |
| 10/6/2022 2:00 | 15.03 | 293845.7 | 14.32 | 0.01 | 0.39 | 3.66 | |
| 10/6/2022 3:00 | 15.01 | 297572.6 | 15.56 | 0.02 | 0.39 | 4.22 | |
| 10/6/2022 4:00 | 15.04 | 298649.8 | 13.01 | 0.02 | 0.85 | 4.1 | |
| 10/6/2022 5:00 | 15.06 | 295246.5 | 14.45 | 0.03 | 0.57 | 3.09 | |
| 10/6/2022 6:00 | 15.08 | 295432.1 | 15.3 | 0.05 | 0.51 | 3.17 | |
| 10/6/2022 8:00 | 15.02 | 291166.5 | 14.25 | 0.01 | 0.64 | 2.84 | |
| 10/6/2022 9:00 | 14.97 | 338272.3 | 20.66 | 0.11 | 0.35 | 10.99 | |
| 10/6/2022 10:00 | 14.86 | 342482.3 | 31.78 | 0.04 | 0.35 | 3.05 | |
| 10/6/2022 11:00 | 14.89 | 348205.3 | 24.33 | 0.02 | 0.35 | 5 | |
| 10/6/2022 12:00 | 14.93 | 349351.8 | 23.93 | 0.01 | 0.34 | 5.68 | |
| 10/6/2022 13:00 | 14.86 | 349039.3 | 23.08 | 0 | 0.34 | 3.5 | |
| 10/6/2022 14:00 | 14.86 | 345164.7 | 24.5 | 0 | 0.35 | 4.37 | |
| 10/6/2022 15:00 | 14.85 | 344606.2 | 25.61 | 0 | 0.34 | 3.61 | |
| 10/6/2022 16:00 | 14.9 | 341947.7 | 27.05 | 0 | 0.35 | 4.49 | |
| 10/6/2022 17:00 | 14.95 | 338736.9 | 25.22 | 0 | 0.35 | 7.98 | |
| 10/6/2022 18:00 | 14.88 | 336063.4 | 27.92 | 0 | 0.35 | 3.46 | |
| 10/6/2022 19:00 | 14.88 | 334638.4 | 26.4 | 0 | 0.35 | 3.1 | |
| 10/6/2022 20:00 | 14.91 | 334684.9 | 25.9 | 0 | 0.35 | 3.41 | |
| 10/6/2022 21:00 | 14.91 | 336860 | 27.87 | 0 | 0.35 | 3.06 | |
| 10/6/2022 22:00 | 14.92 | 337457 | 26.35 | 0 | 0.35 | 3.72 | |
| 10/6/2022 23:00 | 15.02 | 336358.6 | 19.01 | 0.01 | 0.61 | 6.81 | |
| 10/7/2022 0:00 | 15.04 | 298793 | 16.02 | 0.01 | 0.44 | 3.3 | |
| 10/7/2022 1:00 | 15.02 | 300225.5 | 16.14 | 0.02 | 0.35 | 3.36 | |
| 10/7/2022 2:00 | 15.02 | 300779.6 | 15.78 | 0.02 | 0.41 | 3.59 | |
| 10/7/2022 3:00 | 15.05 | 296490.2 | 13.03 | 0.02 | 0.44 | 4.29 | |
| 10/7/2022 4:00 | 15.03 | 298641.3 | 14.25 | 0.01 | 0.76 | 4.25 | |
| 10/7/2022 5:00 | 15.06 | 291765.8 | 12.49 | 0.01 | 0.96 | 4.53 | |
| 10/7/2022 6:00 | 15.1 | 287554.9 | 10.19 | 0.02 | 1.94 | 5.94 | |
| 10/7/2022 7:00 | 15.1 | 292104.1 | 10.54 | 0 | 0.74 | 5.34 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|------------------|----------------------------|----------|---|----------------|-------------------|---------------|-----|-----|
| | FLOW @1 ATM | | | | | | | |
| | O2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | ppm | ppm |
| 10/10/2022 12:00 | 14.91 | 336463.2 | 26.04 | 0.85 | 0.35 | 3.12 | | |
| 10/10/2022 13:00 | 14.88 | 334159.2 | 35.05 | 0.79 | 0.35 | 3.14 | | |
| 10/10/2022 14:00 | 14.9 | 343575.2 | 31.95 | 0.78 | 0.35 | 4.37 | | |
| 10/10/2022 15:00 | 14.9 | 340159.2 | 32.4 | 0.75 | 0.35 | 4.47 | | |
| 10/10/2022 16:00 | 14.92 | 343986.6 | 32.43 | 0.78 | 0.35 | 4.58 | | |
| 10/10/2022 17:00 | 14.94 | 341972.4 | 32.25 | 0.85 | 0.35 | 6.29 | | |
| 10/10/2022 18:00 | 14.89 | 337913.7 | 35.66 | 0.87 | 0.35 | 3.19 | | |
| 10/10/2022 19:00 | 14.92 | 339174.9 | 35.103 | 0.91 | 0.35 | 3.94 | | |
| 10/10/2022 20:00 | 14.95 | 337324.7 | 33.33 | 0.95 | 0.35 | 3.77 | | |
| 10/10/2022 21:00 | 15 | 334726.5 | 31.04 | 0.96 | 0.35 | 4.39 | | |
| 10/10/2022 22:00 | 14.98 | 337531.1 | 35.79 | 0.95 | 0.35 | 3.28 | | |
| 10/10/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/11/2022 10:00 | 15.02 | 351981.3 | 30.95 | 1.14 | 0.35 | 7.19 | | |
| 10/11/2022 11:00 | 15 | 351712.2 | 30.2 | 0.99 | 0.35 | 7.97 | | |
| 10/11/2022 12:00 | 14.95 | 348525.1 | 33.45 | 0.93 | 0.35 | 4.8 | | |
| 10/11/2022 13:00 | 14.91 | 343600.9 | 32.72 | 0.95 | 0.35 | 3.17 | | |
| 10/11/2022 14:00 | 14.95 | 350183 | 28.17 | 0.94 | 0.35 | 3.94 | | |
| 10/11/2022 15:00 | 14.95 | 349123.8 | 30.09 | 0.91 | 0.35 | 5.02 | | |
| 10/11/2022 16:00 | 14.88 | 341083.7 | 33.57 | 0.82 | 0.35 | 6.3 | | |
| 10/11/2022 17:00 | 14.85 | 338093.2 | 33.53 | 0.94 | 0.35 | 3.13 | | |
| 10/11/2022 18:00 | 14.89 | 336714.8 | 33.51 | 0.89 | 0.35 | 3.2 | | |
| 10/11/2022 19:00 | 14.89 | 337473.9 | 33.37 | 0.9 | 0.35 | 3.29 | | |
| 10/11/2022 20:00 | 14.89 | 333944.5 | 33.28 | 1 | 0.35 | 3.15 | | |
| 10/11/2022 21:00 | 14.91 | 333334.7 | 33.65 | 0.91 | 0.35 | 3.12 | | |
| 10/11/2022 22:00 | 14.9 | 333641.4 | 34.49 | 0.98 | 0.35 | 3.15 | | |
| 10/11/2022 23:00 | 14.8 | 367342.5 | 19.5 | 0.64 | 0.34 | 4.09 | | |
| 10/12/2022 0:00 | 14.7 | 376551.8 | 15.88 | 0.57 | 0.34 | 3.98 | | |
| 10/12/2022 1:00 | 14.69 | 376797 | 15.89 | 0.6 | 0.34 | 3.97 | | |
| 10/12/2022 2:00 | 14.71 | 379450.3 | 15.44 | 0.64 | 0.34 | 4.93 | | |
| 10/12/2022 3:00 | 14.72 | 380411.2 | 13.83 | 0.67 | 0.34 | 4.55 | | |
| 10/12/2022 4:00 | 14.75 | 380247.6 | 14.12 | 0.7 | 0.34 | 5.45 | | |
| 10/12/2022 5:00 | 14.77 | 380619.6 | 13.36 | 0.69 | 0.34 | 6.04 | | |
| 10/12/2022 6:00 | 14.79 | 381339.7 | 13.03 | 0.68 | 0.34 | 6.09 | | |
| 10/12/2022 7:00 | 14.79 | 380710.8 | 14.16 | 0.67 | 0.34 | 4.74 | | |
| 10/12/2022 8:00 | 14.76 | 380559.2 | 16.14 | 0.58 | 0.35 | 3.51 | | |
| 10/12/2022 9:00 | 14.95 | 357183.3 | 26.51 | 0.7 | 0.35 | 7.39 | | |
| 10/12/2022 10:00 | 15 | 347877.5 | 30.7 | 0.6 | 0.35 | 4.13 | | |
| 10/12/2022 11:00 | 14.98 | 348194.1 | 32.23 | 0.5 | 0.35 | 4.74 | | |
| 10/12/2022 12:00 | 14.92 | 348794.5 | 32.38 | 0.48 | 0.35 | 3.68 | | |
| 10/12/2022 13:00 | 14.92 | 349271.5 | 31.32 | 0.4 | 0.35 | 3.69 | | |
| 10/12/2022 14:00 | 14.92 | 349622.4 | 29.69 | 0.38 | 0.35 | 3.39 | | |
| 10/12/2022 15:00 | 14.98 | 345941.3 | 32.75 | 0.38 | 0.35 | 4.14 | | |
| 10/12/2022 16:00 | 14.97 | 343476.6 | 33.57 | 0.44 | 0.35 | 5.25 | | |
| 10/12/2022 17:00 | 14.95 | 346807.5 | 32.4 | 0.44 | 0.35 | 5.11 | | |
| 10/12/2022 18:00 | 14.98 | 345016.2 | 32.86 | 0.51 | 0.35 | 7.12 | | |
| 10/12/2022 19:00 | 14.92 | 338093.7 | 35.92 | 0.39 | 0.35 | 3.41 | | |
| 10/12/2022 20:00 | 14.93 | 336036 | 36.56 | 0.41 | 0.35 | 3.16 | | |
| 10/12/2022 21:00 | 14.98 | 336294.8 | 32 | 0.44 | 0.35 | 3.84 | | |
| 10/12/2022 22:00 | 14.93 | 341079.7 | 35.19 | 0.49 | 0.35 | 3.26 | | |
| 10/12/2022 23:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |
| 10/13/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | | |
|------------------|----------------------------|----------|---|----------------|-------------------|---------------|-----|--|
| | FLOW @1 ATM | | | | | | | |
| | O2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | ppm | |
| 10/16/2022 20:00 | 14.98 | 327142.5 | 31.2 | 0.99 | 0.35 | 3.54 | | |
| 10/16/2022 21:00 | 14.98 | 328465.7 | 32.6 | 0.98 | 0.35 | 3.45 | | |
| 10/16/2022 22:00 | 14.88 | 366868.6 | 15.49 | 0.91 | 0.35 | 9.38 | | |
| 10/16/2022 23:00 | 14.6 | 403185.1 | 4.67 | 0.73 | 0.33 | 6.33 | | |
| 10/17/2022 0:00 | 14.59 | 403452.4 | 4.95 | 0.72 | 0.33 | 6.46 | | |
| 10/17/2022 1:00 | 14.59 | 403593.5 | 5.07 | 0.74 | 0.33 | 6.76 | | |
| 10/17/2022 2:00 | 14.56 | 403492.5 | 5.05 | 0.76 | 0.33 | 7.91 | | |
| 10/17/2022 3:00 | 14.55 | 403831.3 | 4.58 | 0.76 | 0.33 | 8.47 | | |
| 10/17/2022 4:00 | 14.56 | 403338.2 | 4.35 | 0.81 | 0.33 | 7.57 | | |
| 10/17/2022 5:00 | 14.56 | 403099.9 | 4.64 | 0.83 | 0.33 | 8.15 | | |
| 10/17/2022 6:00 | 14.57 | 403597.8 | 4.35 | 0.81 | 0.33 | 8.05 | | |
| 10/17/2022 7:00 | 14.59 | 402465.1 | 3.99 | 0.79 | 0.33 | 7.57 | | |
| 10/17/2022 8:00 | 14.75 | 381055.5 | 16.11 | 0.85 | 0.34 | 4.06 | | |
| 10/17/2022 9:00 | 14.92 | 362594.5 | 25.15 | 0.9 | 0.35 | 5.82 | | |
| 10/17/2022 10:00 | 15 | 346893.1 | 32.92 | 0.84 | 0.35 | 5.82 | | |
| 10/17/2022 11:00 | 14.97 | 336147.7 | 32.68 | 0.68 | 0.35 | 3.46 | | |
| 10/17/2022 12:00 | 14.96 | 334416.8 | 37.3 | 0.6 | 0.35 | 3.47 | | |
| 10/17/2022 13:00 | 14.95 | 344989 | 31.24 | 0.57 | 0.35 | 3.87 | | |
| 10/17/2022 14:00 | 14.94 | 347025.1 | 32.49 | 0.6 | 0.35 | 3.99 | | |
| 10/17/2022 15:00 | 14.96 | 348597 | 32.16 | 0.57 | 0.35 | 3.97 | | |
| 10/17/2022 16:00 | 14.94 | 342273.3 | 33.6 | 0.52 | 0.35 | 3.84 | | |
| 10/17/2022 17:00 | 14.92 | 334205.3 | 36.22 | 0.5 | 0.35 | 3.42 | | |
| 10/17/2022 18:00 | 14.92 | 335451.2 | 36.09 | 0.57 | 0.35 | 3.41 | | |
| 10/17/2022 19:00 | 14.92 | 335852 | 36.34 | 0.7 | 0.35 | 3.45 | | |
| 10/17/2022 20:00 | 14.93 | 330017.7 | 36.11 | 0.73 | 0.35 | 3.5 | | |
| 10/17/2022 21:00 | 14.95 | 333741 | 33.47 | 0.56 | 0.35 | 3.59 | | |
| 10/17/2022 22:00 | 14.95 | 339592.8 | 35.02 | 0.6 | 0.35 | 3.79 | | |
| 10/17/2022 23:00 | 14.78 | 374657.5 | 18 | 0.55 | 0.34 | 4.22 | | |
| 10/18/2022 0:00 | 14.73 | 380782.8 | 14.95 | 0.54 | 0.34 | 3.38 | | |
| 10/18/2022 1:00 | 14.72 | 381155.4 | 15.91 | 0.58 | 0.34 | 4.18 | | |
| 10/18/2022 2:00 | 14.74 | 382498.9 | 13.2 | 0.64 | 0.34 | 5.63 | | |
| 10/18/2022 3:00 | 14.76 | 384133.2 | 13.57 | 0.71 | 0.34 | 6.7 | | |
| 10/18/2022 4:00 | 14.78 | 383104.5 | 15.93 | 0.77 | 0.34 | 6.85 | | |
| 10/18/2022 5:00 | 14.78 | 384329.4 | 13.56 | 0.84 | 0.34 | 10.03 | | |
| 10/18/2022 6:00 | 14.81 | 381482.8 | 13.89 | 0.87 | 0.34 | 13.13 | | |
| 10/18/2022 7:00 | 14.8 | 383394.8 | 20.74 | 0.87 | 0.34 | 11.17 | | |
| 10/18/2022 8:00 | 14.75 | 386945 | 25.14 | 0.75 | 0.34 | 5.82 | | |
| 10/18/2022 9:00 | 14.91 | 362544.7 | 25.78 | 0.77 | 0.35 | 6.96 | | |
| 10/18/2022 10:00 | 14.94 | 348408.3 | 32.21 | 0.74 | 0.35 | 4.13 | | |
| 10/18/2022 11:00 | 14.97 | 350219.8 | 28.91 | 0.69 | 0.35 | 4.54 | | |
| 10/18/2022 12:00 | 14.93 | 351128.9 | 26.81 | 0.69 | 0.35 | 4.16 | | |
| 10/18/2022 13:00 | 14.89 | 351629.8 | 26.85 | 0.71 | 0.35 | 3.4 | | |
| 10/18/2022 14:00 | 14.89 | 350375.8 | 27.19 | 0.68 | 0.35 | 3.46 | | |
| 10/18/2022 15:00 | 14.91 | 348156.4 | 29.27 | 0.65 | 0.35 | 3.77 | | |
| 10/18/2022 16:00 | 14.98 | 343512.2 | 29.93 | 0.65 | 0.35 | 5.24 | | |
| 10/18/2022 17:00 | 14.97 | 345478.3 | 30.38 | 0.64 | 0.35 | 6.23 | | |
| 10/18/2022 18:00 | 14.92 | 340357.8 | 32.95 | 0.7 | 0.35 | 4.38 | | |
| 10/18/2022 19:00 | 14.92 | 340342.6 | 32.64 | 0.79 | 0.35 | 3.38 | | |
| 10/18/2022 20:00 | 14.94 | 340023.1 | 32.54 | 0.76 | 0.35 | 3.53 | | |
| 10/18/2022 21:00 | 14.97 | 339708.7 | 30.34 | 0.83 | 0.35 | 3.89 | | |
| 10/18/2022 22:00 | 14.94 | 341836.3 | 33.23 | 0.88 | 0.35 | 3.88 | | |
| 10/18/2022 23:00 | 14.77 | 376004.7 | 16.9 | 0.61 | 0.34 | 4.22 | | |
| 10/19/2022 0:00 | 14.73 | 382055.5 | 15.6 | 0.6 | 0.34 | 4.71 | | |
| 10/19/2022 1:00 | 14.74 | 382304.3 | 15.22 | 0.67 | 0.34 | 7.02 | | |
| 10/19/2022 2:00 | 14.74 | 382174.9 | 18.31 | 0.8 | 0.34 | 11.31 | | |
| 10/19/2022 3:00 | 14.72 | 382760.3 | 17.21 | 0.88 | 0.34 | 12.78 | | |
| 10/19/2022 4:00 | 14.76 | 381496.2 | 18.69 | 0.98 | 0.34 | 10.82 | | |
| 10/19/2022 5:00 | 14.77 | 382472.6 | 15.52 | 1.03 | 0.34 | 14.51 | | |
| 10/19/2022 6:00 | 14.79 | 376562.4 | 28.68 | 1.05 | 0.34 | 4.23 | | |
| 10/19/2022 7:00 | 14.81 | 376818.4 | 26.9 | 1.09 | 0.34 | 4.46 | | |
| 10/19/2022 8:00 | 14.77 | 381842 | 13.15 | 0.96 | 0.34 | 7.79 | | |
| 10/19/2022 9:00 | 14.95 | 365723.7 | 24.83 | 1 | 0.35 | 7.7 | | |
| 10/19/2022 10:00 | 14.97 | 353159.8 | 27.08 | 0.93 | 0.35 | 4.35 | | |
| 10/19/2022 11:00 | 14.99 | 348393.4 | 29.47 | 0.82 | 0.35 | 4.74 | | |
| 10/19/2022 12:00 | 14.94 | 348900.9 | 28.59 | 0.79 | 0.35 | 4.08 | | |
| 10/19/2022 13:00 | 14.99 | 342776.3 | 30.36 | 0.81 | 0.35 | 4.35 | | |
| 10/19/2022 14:00 | 14.95 | 344691.9 | 30.36 | 0.78 | 0.35 | 4.46 | | |
| 10/19/2022 15:00 | 14.94 | 346818.6 | 32.42 | 0.75 | 0.35 | 4.92 | | |
| 10/19/2022 16:00 | 14.96 | 344655.2 | 31.53 | 0.74 | 0.35 | 5.09 | | |
| 10/19/2022 17:00 | 14.96 | 335687.1 | 31.59 | 0.77 | 0.35 | 5.25 | | |
| 10/19/2022 18:00 | 14.91 | 329618.7 | 34.06 | 0.78 | 0.35 | 3.35 | | |
| 10/19/2022 19:00 | 14.92 | 332213.6 | 34.04 | 0.88 | 0.35 | 3.35 | | |
| 10/19/2022 20:00 | 14.93 | 337370.6 | 32.25 | 0.71 | 0.35 | 3.47 | | |
| 10/19/2022 21:00 | 14.94 | 337859.4 | 31.82 | 0.72 | 0.35 | 3.47 | | |
| 10/19/2022 22:00 | 14.93 | 337196.3 | 31.79 | 0.73 | 0.35 | 3.48 | | |
| 10/19/2022 23:00 | 15.05 | 312680.6 | 24.79 | 0.85 | 0.6 | 4.41 | | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|----------|---|----------------|------------------|---------------|--|
| | FLOW @1 ATM | | | | | | |
| | O2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/23/2022 4:00 | 14.59 | 403961.1 | 3.08 | 0.77 | 0.33 | 5.85 | |
| 10/23/2022 5:00 | 14.59 | 403320.4 | 2.6 | 0.7 | 0.33 | 6 | |
| 10/23/2022 6:00 | 14.61 | 401089.5 | 2.21 | 0.7 | 0.33 | 5.6 | |
| 10/23/2022 7:00 | 14.61 | 387169.8 | 1.69 | 1.07 | 0.34 | 5.8 | |
| 10/23/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 18:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 10/23/2022 19:00 | 14.99 | 314659.3 | 25.95 | 0.84 | 0.35 | 3.73 | |
| 10/23/2022 20:00 | 14.98 | 313608.4 | 28.12 | 0.84 | 0.35 | 3.85 | |
| 10/23/2022 21:00 | 14.97 | 315004.2 | 27.11 | 0.81 | 0.35 | 3.57 | |
| 10/23/2022 22:00 | 14.83 | 355840.9 | 16.8 | 0.82 | 0.34 | 4.32 | |
| 10/23/2022 23:00 | 14.6 | 399006.7 | 10.77 | 0.46 | 0.33 | 4.21 | |
| 10/24/2022 0:00 | 14.58 | 399407.9 | 9.76 | 0.34 | 0.33 | 3.94 | |
| 10/24/2022 1:00 | 14.56 | 399425 | 9.83 | 0.31 | 0.33 | 3.87 | |
| 10/24/2022 2:00 | 14.54 | 399445.9 | 9.76 | 0.34 | 0.33 | 3.84 | |
| 10/24/2022 3:00 | 14.52 | 399725.1 | 9.83 | 0.31 | 0.33 | 3.87 | |
| 10/24/2022 4:00 | 14.55 | 399550.1 | 9.58 | 0.32 | 0.33 | 3.89 | |
| 10/24/2022 5:00 | 14.57 | 400710.5 | 9.29 | 0.27 | 0.33 | 3.53 | |
| 10/24/2022 6:00 | 14.58 | 401682.1 | 1.69 | 0.78 | 0.33 | 5.78 | |
| 10/24/2022 7:00 | 14.61 | 400894.1 | 1.26 | 0.63 | 0.33 | 5.5 | |
| 10/24/2022 8:00 | 14.63 | 394938.4 | 7.26 | 0.59 | 0.33 | 4.64 | |
| 10/24/2022 9:00 | 14.65 | 389174.8 | 11.65 | 0.59 | 0.33 | 4.51 | |
| 10/24/2022 10:00 | 14.66 | 387252.7 | 11.77 | 0.46 | 0.33 | 4.21 | |
| 10/24/2022 11:00 | 14.65 | 383989.6 | 9.76 | 0.34 | 0.33 | 3.94 | |
| 10/24/2022 12:00 | 14.61 | 381981.4 | 9.83 | 0.31 | 0.33 | 3.87 | |
| 10/24/2022 13:00 | 14.61 | 380102.2 | 9.58 | 0.32 | 0.33 | 3.89 | |
| 10/24/2022 14:00 | 14.6 | 379763.7 | 9.79 | 0.27 | 0.33 | 3.83 | |
| 10/24/2022 15:00 | 14.58 | 380205.1 | 10.62 | 0.27 | 0.33 | 3.86 | |
| 10/24/2022 16:00 | 14.58 | 382260.1 | 8.93 | 0.28 | 0.33 | 4 | |
| 10/24/2022 17:00 | 14.58 | 385997.2 | 9.54 | 0.27 | 0.33 | 4.1 | |
| 10/24/2022 18:00 | 14.81 | 351054.7 | 29.89 | 0.42 | 0.34 | 4.48 | |
| 10/24/2022 19:00 | 14.9 | 332197.7 | 35.2 | 0.5 | 0.35 | 3.55 | |
| 10/24/2022 20:00 | 14.91 | 326559.3 | 31.67 | 0.5 | 0.35 | 3.22 | |
| 10/24/2022 21:00 | 14.92 | 333910.8 | 31.09 | 0.54 | 0.35 | 3.2 | |
| 10/24/2022 22:00 | 14.83 | 367920.8 | 12.41 | 0.51 | 0.34 | 6.18 | |
| 10/24/2022 23:00 | 14.59 | 398915.3 | 0.26 | 0.42 | 0.33 | 4.85 | |
| 10/25/2022 0:00 | 14.57 | 399711.8 | 0.51 | 0.47 | 0.33 | 4.77 | |
| 10/25/2022 1:00 | 14.57 | 399940.1 | 0.55 | 0.47 | 0.33 | 5.56 | |
| 10/25/2022 2:00 | 14.53 | 400906.6 | 0.7 | 0.51 | 0.33 | 6.25 | |
| 10/25/2022 3:00 | 14.53 | 399762.8 | 0.88 | 0.57 | 0.33 | 6.47 | |
| 10/25/2022 4:00 | 14.56 | 399474.9 | 0.85 | 0.54 | 0.33 | 6.17 | |
| 10/25/2022 5:00 | 14.57 | 400469.9 | 1.44 | 0.84 | 0.33 | 5.98 | |
| 10/25/2022 6:00 | 14.57 | 400788.1 | 1.5 | 0.69 | 0.33 | 6.03 | |
| 10/25/2022 7:00 | 14.59 | 400121.1 | 1.2 | 0.66 | 0.33 | 5.81 | |
| 10/25/2022 8:00 | 14.57 | 393703.3 | 16.07 | 0.38 | 0.33 | 4.8 | |
| 10/25/2022 9:00 | 14.99 | 339128.4 | 22.84 | 0.73 | 0.35 | 5.48 | |
| 10/25/2022 10:00 | 14.89 | 353065.5 | 25.35 | 0.61 | 0.35 | 5.1 | |
| 10/25/2022 11:00 | 14.86 | 352169.8 | 25.35 | 0.61 | 0.35 | 5.4 | |
| 10/25/2022 12:00 | 14.84 | 351565 | 25.16 | 0.51 | 0.34 | 3.85 | |
| 10/25/2022 13:00 | 14.87 | 345306.6 | 34.02 | 0.54 | 0.35 | 3.43 | |
| 10/25/2022 14:00 | 15.12 | 349962.5 | 28.81 | 0.58 | 0.36 | 8.6 | |
| 10/25/2022 15:00 | 15.11 | 342406.1 | 29.5 | 0.62 | 0.35 | 3.89 | |
| 10/25/2022 16:00 | 15.04 | 344960.9 | 25.3 | 0.71 | 0.36 | 4.46 | |
| 10/25/2022 17:00 | 15.09 | 343857.8 | 33.7 | 0.57 | 0.36 | 6.16 | |
| 10/25/2022 18:00 | 15.09 | 344696.7 | 31.76 | 0.57 | 0.36 | 6.31 | |
| 10/25/2022 19:00 | 15.12 | 342714.9 | 31.91 | 0.57 | 0.36 | 6.29 | |
| 10/25/2022 20:00 | 15.11 | 345878.9 | 30.18 | 0.57 | 0.36 | 8.42 | |
| 10/25/2022 21:00 | 15.11 | 348036.7 | 28.61 | 0.58 | 0.36 | 8.8 | |
| 10/25/2022 22:00 | 15.08 | 348954.3 | 27.03 | 0.63 | 0.36 | 8.05 | |
| 10/25/2022 23:00 | 15.2 | 315962.5 | 25.04 | 0.66 | 0.54 | 10.22 | |
| 10/26/2022 0:00 | 15.2 | 304809.2 | 26.95 | 0.66 | 0.37 | 4.08 | |
| 10/26/2022 1:00 | 15.24 | 303340.2 | 24.67 | 0.75 | 0.49 | 4.24 | |
| 10/26/2022 2:00 | 15.24 | 299912.6 | 25.22 | 0.62 | 0.49 | 4.13 | |
| 10/26/2022 3:00 | 15.24 | 295222.1 | 24.19 | 0.48 | 0.59 | 4.25 | |
| 10/26/2022 4:00 | 15.26 | 298026.9 | 23.72 | 0.54 | 0.44 | 4.13 | |
| 10/26/2022 5:00 | 15.28 | 296324.5 | 21.89 | 0.57 | 0.48 | 4.84 | |
| 10/26/2022 6:00 | 15.31 | 291386.5 | 20.38 | 0.54 | 0.5 | 4.54 | |
| 10/26/2022 7:00 | 15.28 | 294365.2 | 23.59 | 0.53 | 0.48 | 4.07 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/10/2020 00:00-31/10/2020 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|----------|---|----------------|------------------|---------------|--|
| | FLOW @1 ATM | | | | | | |
| | O2 | 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 10/26/2022 8:00 | 15.25 | 310505.8 | 27.2 | 0.5 | 0.37 | 5.85 | |
| 10/26/2022 9:00 | 15.14 | 338153.7 | 29.69 | 0.38 | 0.36 | 3.97 | |
| 10/26/2022 10:00 | 15.01 | 357492.7 | 31.68 | 0.22 | 0.35 | 3.33 | |
| 10/26/2022 11:00 | 15.02 | 357492.7 | 31.68 | 0.22 | 0.35 | 3.35 | |
| 10/26/2022 12:00 | 15.04 | 350529.3 | 25.83 | 0 | 0.36 | 3.96 | |
| 10/26/2022 13:00 | 15.01 | 350199 | 25.82 | 0 | 0.35 | 3.47 | |
| 10/26/2022 14:00 | 15.03 | 346062.8 | 29.81 | 0 | 0.36 | 3.82 | |
| 10/26/2022 15:00 | 15.04 | 344152.5 | 28.81 | 0.54 | 0.36 | 4.13 | |
| 10/26/2022 16:00 | 15.04 | 345004 | 28.89 | 0.91 | 0.36 | 4.23 | |
| 10/26/2022 17:00 | 15.08 | 343513 | 29.43 | 0.94 | 0.36 | 6.91 | |
| 10/26/2022 18:00 | 15.04 | 339463.3 | 31.3 | 0.96 | 0.36 | 4.98 | |
| 10/26/2022 19:00 | 15.02 | 334986.6 | 33.96 | 0.96 | 0.36 | 4.95 | |
| 10/26/2022 20:00 | 15.04 | 337922.2 | 31.59 | 0.84 | 0.36 | 3.7 | |
| 10/26/2022 21:00 | 15.05 | 337535 | 31.17 | 0.86 | 0.36 | 3.9 | |
| 10/26/2022 22:00 | 15.06 | 335729.3 | 29.42 | 0.85 | 0.36 | 4.44 | |
| 10/26/2022 23:00 | 15.15 | 313482.9 | 26.12 | 0.94 | 0.48 | 6.23 | |
| 10/27/2022 0:00 | 15.18 | 301560.2 | 24.82 | 0.95 | 0.36 | 4.31 | |
| 10/27/2022 1:00 | 15.17 | 30350.9 | 25.23 | 0.99 | 0.36 | 4.2 | |
| 10/27/2022 2:00 | 15.19 | 302492 | 24.14 | 1.04 | 0.45 | 4.42 | |
| 10/27/2022 3:00 | 15.24 | 297554 | 22.17 | 1.09 | 0.58 | 4.83 | |
| 10/27/2022 4:00 | 15.24 | 294848.8 | 20.5 | 1.12 | 0.59 | 5.16 | |
| 10/27/2022 5:00 | 15.25 | 294652.7 | 20.45 | 1.13 | 0.58 | 5.1 | |
| 10/27/2022 6:00 | 15.25 | 29853.9 | 23.26 | 1.12 | 0.62 | 4.36 | |
| 10/27/2022 7:00 | 15.27 | 298569.5 | 23.44 | 1.14 | 0.5 | 4.12 | |
| 10/27/2022 8:00 | 15.21 | 319081.2 | 28.37 | 1.06 | 0.37 | 3.57 | |
| 10/27/2022 9:00 | 15.15 | 338232.3 | 31.99 | 1.04 | 0.36 | 10.04 | |
| 10/27/2022 10:00 | 15.11 | 342705.8 | 34.67 | 1.02 | 0.36 | 9.47 | |
| 10/27/2022 11:00 | 15.17 | 338508.7 | 34.27 | 1.02 | 0.36 | 11.66 | |
| 10/27/2022 12:00 | 14.98 | 354441.5 | 22.88 | 0.98 | 0.35 | 3.48 | |
| 10/27/2022 13:00 | 15.04 | 344701.8 | 29.73 | 0.95 | 0.36 | 4.45 | |
| 10/27/2022 14:00 | 14.99 | 348642.7 | 24.99 | 0.89 | 0.35 | 3.53 | |
| 10/27/2022 15:00 | 15 | 347259.8 | 27.67 | 0.85 | 0.35 | 3.46 | |
| 10/27/2022 16:00 | 15 | 335459.8 | 35.63 | 0.81 | 0.35 | 3.14 | |
| 10/27/2022 17:00 | 15.01 | 335459.8 | 35.59 | 0.8 | 0.35 | 3.15 | |
| 10/27/2022 18:00 | 15.02 | 336541.8 | 34.31 | 0.78 | 0.35 | 3.25 | |
| 10/27/2022 19:00 | 15.07 | 335865.8 | 32.77 | 0.81 | 0.36 | 3.49 | |
| 10/27/2022 20:00 | 15.07 | 336710.1 | 33.35 | 0.8 | 0.36 | 3.38 | |
| 10/27/2022 21:00 | 15.07 | 337982.4 | 33.77 | 0.87 | 0.36 | 3.4 | |
| 10/27/2022 22:00 | 15.06 | 337573.9 | 33.36 | 0.83 | 0.36 | 3.42 | |
| 10/27/2022 23:00 | 15.21 | 309646.3 | 24.26 | 0.91 | 0.55 | 6.8 | |
| 10/28/2022 0:00 | 15.23 | 296996 | 23.18 | 0.92 | 0.41 | 4.26 | |
| 10/28/2022 1:00 | 15.21 | 299464.5 | 23.88 | 0.98 | 0.4 | 4.1 | |
| 10/28/2022 2:00 | 15.19 | 299775.1 | 25.38 | 1.11 | 0.39 | 3.89 | |
| 10/28/2022 3:00 | 15.22 | 296988 | 23.44 | 1.14 | 0.43 | 4.25 | |
| 10/28/2022 4:00 | 15.21 | 299152.6 | 24.4 | 1.16 | 0.4 | 4.07 | |
| 10/28/2022 5:00 | 15.25 | 295588.3 | 23 | 1.21 | 0.63 | 4.59 | |
| 10/28/2022 6:00 | 15.24 | 295951.2 | 23.07 | 1.23 | 0.51 | 4.39 | |
| 10/28/2022 7:00 | 15.27 | 294834.3 | 22.76 | 1.25 | 0.68 | 4.5 | |
| 10/28/2022 8:00 | 15.25 | 313534.1 | 25.27 | 1.27 | 0.37 | 4.25 | |
| 10/28/2022 9:00 | 15.25 | 332976.3 | 23.7 | 1.19 | 0.37 | 13.27 | |
| 10/28/2022 10:00 | 15.11 | 352198.6 | 25.41 | 0.88 | 0.36 | 4.42 | |
| 10/28/2022 11:00 | 15.12 | 349857.7 | 27.95 | 0.83 | 0.36 | 5.18 | |
| 10/28/2022 12:00 | 15.07 | 350303 | 25.78 | 0.7 | 0.36 | 4.25 | |
| 10/28/2022 13:00 | 15.1 | 347436.8 | 30.21 | 0.84 | 0.36 | 5.18 | |
| 10/28/2022 14:00 | 15.07 | 347874.7 | 28.6 | 0.85 | 0.36 | 4.03 | |
| 10/28/2022 15:00 | 15.06 | 347436.8 | 29.73 | 0.87 | 0.36 | 4.27 | |
| 10/28/2022 16:00 | 15.11 | 344687.9 | 31.21 | 0.92 | 0.36 | 5.57 | |
| 10/28/2022 17:00 | 15.1 | 341186.6 | 32.33 | 0.96 | 0.36 | 5.45 | |
| 10/28/2022 18:00 | 15.07 | 344389.5 | 32.33 | 0.96 | 0.35 | 5.31 | |
| 10/28/2022 19:00 | 15.09 | 339026.4 | 33.27 | 0.96 | 0.36 | 5.47 | |
| 10/28/2022 20:00 | 15.11 | 338967.7 | 33.91 | 0.91 | 0.36 | 3.62 | |
| 10/28/2022 21:00 | 15.13 | 337959.6 | 31.81 | 0.99 | 0.36 | 3.85 | |
| 10/28/2022 22:00 | 15.11 | 340155.5 | 32.56 | 1.02 | 0.36 | 4.18 | |
| 10/28/2022 23:00 | 14.99 | 369698.4 | 18.82 | 1.02 | 0.35 | 7.77 | |
| 10/29/2022 0:00 | 14.89 | 382044.2 | 14.34 | 0.98 | 0.35 | 5.07 | |
| 10/29/2022 1:00 | 14.91 | 382043.3 | 13.49 | 1.06 | 0.35 | 4.99 | |
| 10/29/2022 2:00 | 14.92 | 381424.6 | 14.04 | 1.1 | 0.35 | 5.47 | |
| 10/29/2022 3:00 | 14.92 | 382460.2 | 11.52 | 1.08 | 0.35 | 6.23 | |
| 10/29/2022 4:00 | 14.93 | 383144.7 | 11.14 | 1.14 | 0.35 | 6.61 | |
| 10/29/2022 5:00 | 14.94 | 383592.7 | 10.88 | 1.2 | 0.35 | 6.88 | |
| 10/29/2022 6:00 | 14.93 | 383144.7 | 11.13 | 1.09 | 0.36 | 6.91 | |
| 10/29/2022 7:00 | 14.94 | 382251.8 | 22.21 | 1.2 | 0.35 | 9.91 | |
| 10/29/2022 8:00 | 14.92 | 380777.4 | 25.51 | 1.13 | 0.35 | 6.64 | |
| 10/29/2022 9:00 | 15.13 | 357186.2 | 24.96 | 1.17 | 0.36 | 3.96 | |
| 10/29/2022 10:00 | 15.13 | 344994.4 | 37.41 | 1.01 | 0.36 | 4.22 | |
| 10/29/2022 11:00 | 15.11 | 339282.2 | 37.41 | 0.92 | 0.36 | 3.42 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodicity: 01/11/2022 00:00-30/11/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|---------------|----------------------------|-----------------|---|----------------|------------------|---------------|--|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 11/4/22 3:00 | 15.03 | 376843.8 | 24.13 | 0.07 | 0.38 | 4.31 | |
| 11/4/22 4:00 | 15.05 | 379954.8 | 25.93 | 0.94 | 0.36 | 6.53 | |
| 11/4/22 5:00 | 15.05 | 380790.9 | 27.58 | 1.31 | 0.36 | 8.39 | |
| 11/4/22 6:00 | 15.07 | 380101.9 | 27.24 | 1.4 | 0.36 | 7.59 | |
| 11/4/22 7:00 | 15.07 | 378326.3 | 25.92 | 1.42 | 0.36 | 6.43 | |
| 11/4/22 8:00 | 15.06 | 379053.5 | 17.7 | 1.41 | 0.36 | 6.07 | |
| 11/4/22 9:00 | 15.01 | 379676.4 | 16.85 | 1.26 | 0.35 | 4.38 | |
| 11/4/22 10:00 | 14.99 | 378922.3 | 14.49 | 1.1 | 0.35 | 3.51 | |
| 11/4/22 11:00 | 14.98 | 380183.2 | 14.34 | 0.97 | 0.36 | 4.3 | |
| 11/4/22 12:00 | 15.03 | 369091.9 | 22 | 0.96 | 0.36 | 3.65 | |
| 11/4/22 13:00 | 15.18 | 340294.3 | 36.21 | 1.08 | 0.36 | 4.01 | |
| 11/4/22 14:00 | 15.02 | 346915.2 | 35.74 | 1.52 | 0.36 | 4.01 | |
| 11/4/22 15:00 | 15.22 | 345318.2 | 32.92 | 0.98 | 0.37 | 3.93 | |
| 11/4/22 16:00 | 15.21 | 338266 | 36.35 | 0.89 | 0.37 | 3.66 | |
| 11/4/22 17:00 | 15.2 | 337617.7 | 35.39 | 0.96 | 0.37 | 3.38 | |
| 11/4/22 18:00 | 15.21 | 339043.3 | 32.96 | 1.04 | 0.37 | 3.85 | |
| 11/4/22 19:00 | 15.21 | 340715.8 | 33.1 | 1.12 | 0.37 | 3.92 | |
| 11/4/22 20:00 | 15.21 | 341128.1 | 33.27 | 1.2 | 0.37 | 3.93 | |
| 11/4/22 21:00 | 15.23 | 341753.8 | 31.8 | 1.27 | 0.37 | 4.18 | |
| 11/4/22 22:00 | 15.17 | 362030.9 | 28.41 | 1.2 | 0.36 | 4.31 | |
| 11/4/22 23:00 | 15.01 | 379586.9 | 17.01 | 1.18 | 0.35 | 6.01 | |
| 11/5/22 0:00 | 14.96 | 381075.4 | 14.17 | 1.21 | 0.35 | 5.84 | |
| 11/5/22 1:00 | 14.99 | 381402.6 | 13.27 | 1.32 | 0.35 | 9.91 | |
| 11/5/22 2:00 | 15.02 | 382715 | 13.77 | 1.57 | 0.35 | 20.12 | |
| 11/5/22 3:00 | 15.02 | 377016.8 | 25.23 | 1.41 | 0.35 | 4.59 | |
| 11/5/22 4:00 | 15.02 | 377121.6 | 25.25 | 1.81 | 0.35 | 4.39 | |
| 11/5/22 5:00 | 15.04 | 376371.8 | 25.62 | 1.7 | 0.36 | 4.71 | |
| 11/5/22 6:00 | 15.02 | 377444.5 | 25.04 | 1.74 | 0.36 | 4.71 | |
| 11/5/22 7:00 | 15.06 | 376344.4 | 23.65 | 1.74 | 0.36 | 5.37 | |
| 11/5/22 8:00 | 15.04 | 381568.4 | 10.75 | 1.62 | 0.36 | 7.8 | |
| 11/5/22 9:00 | 14.99 | 378885.2 | 16.41 | 1.5 | 0.35 | 4.25 | |
| 11/5/22 10:00 | 15.01 | 376235.8 | 45.99 | 1.497 | 0.36 | 4.86 | |
| 11/5/22 11:00 | 14.96 | 385523 | 12.5 | 1.25 | 0.35 | 3.12 | |
| 11/5/22 12:00 | 15.03 | 368261.2 | 18.34 | 1.26 | 0.36 | 3.78 | |
| 11/5/22 13:00 | 15.13 | 351079.1 | 26.48 | 1.29 | 0.36 | 3.62 | |
| 11/5/22 14:00 | 15.17 | 346055.6 | 30.21 | 1.26 | 0.36 | 4.06 | |
| 11/5/22 15:00 | 15.2 | 343923.1 | 30.91 | 1.26 | 0.37 | 4.76 | |
| 11/5/22 16:00 | 15.16 | 337441 | 36.85 | 1.26 | 0.36 | 3.49 | |
| 11/5/22 17:00 | 15.17 | 333698.4 | 35.02 | 1.32 | 0.36 | 3.41 | |
| 11/5/22 18:00 | 15.16 | 334575.2 | 35.14 | 1.36 | 0.36 | 3.47 | |
| 11/5/22 19:00 | 15.16 | 338546.2 | 35.13 | 1.46 | 0.36 | 3.42 | |
| 11/5/22 20:00 | 15.19 | 337870.8 | 31.81 | 1.42 | 0.37 | 4.19 | |
| 11/5/22 21:00 | 15.19 | 33630.1 | 31.79 | 1.41 | 0.37 | 3.81 | |
| 11/5/22 22:00 | 15.17 | 344092 | 28.35 | 1.47 | 0.36 | 5.38 | |
| 11/5/22 23:00 | 14.84 | 397864.9 | 3.03 | 1.26 | 0.34 | 5.79 | |
| 11/6/22 0:00 | 14.82 | 399565.2 | 0.81 | 1.28 | 0.34 | 6.46 | |
| 11/6/22 1:00 | 14.81 | 400677.1 | 0.86 | 1.35 | 0.34 | 7.95 | |
| 11/6/22 2:00 | 14.78 | 400645.9 | 0.55 | 1.36 | 0.34 | 8.6 | |
| 11/6/22 3:00 | 14.76 | 401753 | 1.16 | 1.39 | 0.34 | 9.41 | |
| 11/6/22 4:00 | 14.76 | 402261.4 | 1.43 | 1.45 | 0.34 | 9.28 | |
| 11/6/22 5:00 | 14.77 | 403044.2 | 2.23 | 1.48 | 0.34 | 9.63 | |
| 11/6/22 6:00 | 14.9 | 384555.1 | 6.86 | 1.68 | 0.63 | 17.8 | |
| 11/6/22 7:00 | 16.07 | 248494.5 | 42.53 | 3.95 | 4.21 | 65.5 | |
| 11/6/22 8:00 | 16.07 | 244138.9 | 45.89 | 2.7 | 4.25 | 29.04 | |
| 11/6/22 9:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 10:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 11:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 12:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 13:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 14:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 15:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 16:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 17:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 18:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 19:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 20:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 21:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 22:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/6/22 23:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 0:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 1:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 2:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 3:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 4:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 5:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 6:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 7:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 8:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 9:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 10:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 11:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 12:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 13:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 14:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 15:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 16:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 17:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 18:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 19:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 20:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 21:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 22:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/7/22 23:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 0:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 1:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 2:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 3:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 4:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 5:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 6:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 7:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 8:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 9:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 10:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 11:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 12:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 13:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 14:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 15:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 16:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 17:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 18:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 19:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 20:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 21:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 22:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/8/22 23:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 0:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 1:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 2:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 3:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 4:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 5:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 6:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 7:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 8:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 9:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 10:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 11:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 12:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 13:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 14:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 15:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 16:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 17:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 18:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 19:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 20:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 21:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 22:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/9/22 23:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.24 | |
| 11/10/22 0:00 | 16.1 | 239452.5 | 45.72 | 4.2 | 3.66 | 19.2 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/11/2022 00:00-30/11/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|-------|
| | Q2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 11/16/22 15:00 | 14.72 | 384369.3 | 13.18 | 0.34 | 0.34 | 5.13 | 3.86 |
| 11/16/22 16:00 | 14.72 | 383280.3 | 13 | 0.29 | 0.34 | 5.12 | 4.88 |
| 11/16/22 17:00 | 14.74 | 382190.3 | 13.53 | 0.29 | 0.34 | 4.42 | 5.35 |
| 11/16/22 18:00 | 14.77 | 378739.1 | 14.96 | 0.31 | 0.34 | | 5.71 |
| 11/16/22 19:00 | 14.77 | 379392 | 15.14 | 0.37 | 0.34 | 4.33 | 3.72 |
| 11/16/22 20:00 | 14.75 | 385584.7 | 13.83 | 0.38 | 0.34 | 4.63 | 6.58 |
| 11/16/22 21:00 | 14.77 | 384175.6 | 14.85 | 0.4 | 0.34 | 5.03 | 7.39 |
| 11/16/22 22:00 | 14.78 | 382520.3 | 16.23 | 0.42 | 0.34 | 5.24 | 7.69 |
| 11/16/22 23:00 | 15.23 | 304621.8 | 21.36 | 0.66 | 0.34 | 9.8 | 7.85 |
| 11/17/22 0:00 | 15.19 | 304911.6 | 23.13 | 0.63 | 0.37 | 5.02 | 8.21 |
| 11/17/22 1:00 | 15.21 | 301149.5 | 22.12 | 0.65 | 0.39 | 5.35 | 7.95 |
| 11/17/22 2:00 | 15.19 | 298195.4 | 23.69 | 0.64 | 0.34 | 5.27 | 8.77 |
| 11/17/22 3:00 | 15.19 | 298405.1 | 21.89 | 0.73 | 0.43 | 5.26 | 8.21 |
| 11/17/22 4:00 | 15.2 | 298755.3 | 21.96 | 0.76 | 0.39 | 5.19 | 8.11 |
| 11/17/22 5:00 | 15.22 | 295903.4 | 20.45 | 0.81 | 0.55 | 5.75 | 7.77 |
| 11/17/22 6:00 | 15.23 | 290441 | 20.03 | 1.05 | 0.56 | | 7.37 |
| 11/17/22 7:00 | 15.22 | 297329.8 | 21.09 | 0.77 | 0.85 | 5.83 | 7.2 |
| 11/17/22 8:00 | 15.2 | 316399.8 | 24.43 | 0.71 | 0.37 | 5.53 | 6.68 |
| 11/17/22 9:00 | 15.21 | 318521.7 | 25.93 | 0.63 | 0.37 | 4.82 | 6.75 |
| 11/17/22 10:00 | 15.17 | 322726.2 | 28.17 | 0.54 | 0.36 | 4.44 | 6.88 |
| 11/17/22 11:00 | 15.13 | 324463.3 | 31.81 | 0.48 | 0.36 | 3.83 | 7.78 |
| 11/17/22 12:00 | 15.23 | 312220.9 | 23.44 | 0.47 | 0.38 | 5.65 | 7.7 |
| 11/17/22 13:00 | 14.75 | 379228.9 | 12.01 | 0.3 | 0.34 | 4.97 | 7.96 |
| 11/17/22 14:00 | 14.65 | 380291.6 | 10.26 | 0.28 | 0.36 | 5.05 | 7.29 |
| 11/17/22 15:00 | 14.64 | 379179 | 10.69 | 0.43 | 0.33 | 5.05 | 3.74 |
| 11/17/22 16:00 | 14.64 | 380544.2 | 10.81 | 0.47 | 0.33 | 5.18 | 3.58 |
| 11/17/22 17:00 | 14.66 | 386910 | 12.6 | 0.56 | 0.33 | 4.86 | 3.76 |
| 11/17/22 18:00 | 14.78 | 382937.7 | 13.48 | 0.59 | 0.34 | 5.14 | 5.7 |
| 11/17/22 19:00 | 14.7 | 386892.8 | 15.11 | 0.83 | 0.34 | 6.41 | 7.65 |
| 11/17/22 20:00 | 14.71 | 383170.3 | 17.71 | 0.94 | 0.34 | 6.01 | 7.76 |
| 11/17/22 21:00 | 14.7 | 383126.7 | 16.18 | 1.04 | 0.34 | 5.98 | 8.35 |
| 11/17/22 22:00 | 14.67 | 387626.4 | 13.34 | 0.4 | 0.46 | 6.47 | 8.3 |
| 11/17/22 23:00 | 15.12 | 308062 | 22.18 | 1.53 | 0.74 | 15.43 | 8.03 |
| 11/18/22 0:00 | 15.12 | 305128.6 | 23.69 | 1.48 | 0.38 | 5.06 | 8.38 |
| 11/18/22 1:00 | 15.15 | 297645.9 | 20.23 | 1.57 | 0.46 | 6.59 | 8.6 |
| 11/18/22 2:00 | 15.1 | 299571.8 | 23.4 | 1.59 | 0.46 | 4.84 | 8.3 |
| 11/18/22 3:00 | 15.13 | 295592.3 | 20.46 | 1.66 | 0.52 | 5.67 | 8.19 |
| 11/18/22 4:00 | 15.1 | 298284.8 | 21.93 | 1.67 | 0.36 | 4.72 | 8.22 |
| 11/18/22 5:00 | 15.11 | 299766.8 | 23.27 | 1.7 | 0.45 | 4.52 | 8.35 |
| 11/18/22 6:00 | 15.14 | 298517.8 | 21.9 | 1.77 | 0.38 | 4.84 | 8.19 |
| 11/18/22 7:00 | 15.15 | 299064.9 | 21.24 | 1.76 | 0.46 | 5.41 | 8.15 |
| 11/18/22 8:00 | 15.13 | 309406.1 | 23.85 | 1.73 | 0.36 | 4.71 | 8.21 |
| 11/18/22 9:00 | 15.15 | 316368.5 | 25.51 | 1.69 | 0.36 | 4.93 | 8.53 |
| 11/18/22 10:00 | 15.13 | 320403.4 | 27.39 | 1.55 | 0.36 | 4.47 | 8.32 |
| 11/18/22 11:00 | 15.1 | 323049.3 | 28.63 | 1.48 | 0.36 | 4.39 | 4.59 |
| 11/18/22 12:00 | 15.13 | 317359.4 | 23.23 | 1.47 | 0.36 | 5.83 | 4.61 |
| 11/18/22 13:00 | 14.67 | 386519.3 | 18.77 | 1.14 | 0.33 | 5.1 | 4.52 |
| 11/18/22 14:00 | 14.64 | 386881.3 | 12.02 | 1.07 | 0.33 | 4.43 | 4.7 |
| 11/18/22 15:00 | 14.64 | 385895.4 | 10.37 | 1.04 | 0.33 | 5.04 | 4.17 |
| 11/18/22 16:00 | 14.65 | 385707.1 | 10.41 | 0.99 | 0.33 | 5.07 | 4.67 |
| 11/18/22 17:00 | 14.71 | 375822.6 | 14.71 | 1.07 | 0.33 | 5.07 | 3.61 |
| 11/18/22 18:00 | 14.73 | 372841.2 | 21.33 | 1.12 | 0.34 | 4.8 | 3.38 |
| 11/18/22 19:00 | 14.72 | 380155 | 16.41 | 1.15 | 0.34 | 5.36 | 3.27 |
| 11/18/22 20:00 | 14.73 | 378624.3 | 17.51 | 1.21 | 0.34 | 5.55 | 10.23 |
| 11/18/22 21:00 | 14.74 | 380190.6 | 17.05 | 1.23 | 0.34 | 5.55 | 4.7 |
| 11/18/22 22:00 | 14.74 | 386622 | 15.21 | 1.24 | 0.34 | 5.86 | 4.57 |
| 11/18/22 23:00 | 15.18 | 306319.8 | 19.93 | 1.63 | 0.44 | 17.19 | 4.74 |
| 11/19/22 0:00 | 15.19 | 302162.6 | 19.84 | 1.54 | 0.39 | 6.55 | 5.71 |
| 11/19/22 1:00 | 15.15 | 30396.1 | 21.85 | 1.58 | 0.4 | 4.52 | 5.68 |
| 11/19/22 2:00 | 15.17 | 297724.6 | 20.34 | 1.65 | 0.54 | 5.53 | 4.6 |
| 11/19/22 3:00 | 15.19 | 291926.8 | 19.02 | 1.68 | 0.81 | 5.84 | 4.37 |
| 11/19/22 4:00 | 15.17 | 289102 | 19.02 | 1.57 | 0.32 | 5.27 | 4.58 |
| 11/19/22 5:00 | 15.17 | 287268.8 | 19.57 | 1.77 | 1.97 | 5.17 | 4.85 |
| 11/19/22 6:00 | 15.17 | 289995.5 | 20.49 | 1.78 | 1.17 | 4.97 | 3.92 |
| 11/19/22 7:00 | 15.2 | 291786.4 | 19.13 | 1.8 | 1.23 | 6.69 | 4.02 |
| 11/19/22 8:00 | 15.18 | 306619.8 | 23.82 | 1.82 | 0.36 | 4.7 | 4.29 |
| 11/19/22 9:00 | 15.2 | 310055.6 | 25.03 | 1.77 | 0.37 | 4.51 | 3.76 |
| 11/19/22 10:00 | 15.19 | 315121.6 | 25.58 | 1.66 | 0.37 | 4.54 | 4.13 |
| 11/19/22 11:00 | 15.21 | 313099.4 | 24.52 | 1.58 | 0.37 | 5.55 | 5.32 |
| 11/19/22 12:00 | 15.23 | 305128.6 | 25.28 | 1.59 | 0.38 | 10.65 | 4.47 |
| 11/19/22 13:00 | 14.74 | 381760.5 | 16.86 | 1.27 | 0.34 | 5.34 | 5.42 |
| 11/19/22 14:00 | 14.69 | 384443.6 | 12.93 | 1.12 | 0.34 | 4.29 | 6.45 |
| 11/19/22 15:00 | 14.7 | 381523.3 | 13.1 | 1.06 | 0.34 | 4.22 | 6.1 |
| 11/19/22 16:00 | 14.72 | 379118.2 | 13.67 | 1.1 | 0.34 | 4.22 | 6.41 |
| 11/19/22 17:00 | 14.74 | 368738.1 | 19.57 | 1.13 | 0.34 | 3.91 | 3.32 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/11/2022 00:00-30/11/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|-------------|---|----------------|-------------------|---------------|--|
| | Q2 | FLOW @1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | 25C | ppm | ppm | mg/m3 | ppm | |
| 11/22/22 21:00 | 14.85 | 331519.5 | 35.29 | 0 | 0.48 | 3.27 | |
| 11/22/22 22:00 | 14.87 | 333288.8 | 32.34 | 0 | 0.48 | 3.38 | |
| 11/22/22 23:00 | 15.03 | 301394 | 24.09 | 0.01 | 0.51 | 6.16 | |
| 11/22/22 0:00 | 15.02 | 299493.9 | 24.49 | 0.01 | 0.51 | 3.98 | |
| 11/23/22 1:00 | 15.02 | 302329.8 | 24.63 | 0.02 | 0.45 | 3.9 | |
| 11/23/22 2:00 | 15.03 | 301172.2 | 22.8 | 0.03 | 0.46 | 4.34 | |
| 11/23/22 3:00 | 15.03 | 299437 | 22.22 | 0.02 | 0.45 | 4.34 | |
| 11/23/22 4:00 | 15.02 | 299479.7 | 21.95 | 0.03 | 0.46 | 4.48 | |
| 11/23/22 5:00 | 15.05 | 295904.7 | 20.06 | 0.04 | 0.54 | 5.49 | |
| 11/23/22 6:00 | 15.08 | 294527.5 | 18.55 | 0.03 | 0.51 | 6.15 | |
| 11/23/22 7:00 | 15.09 | 294331.3 | 18.66 | 0.03 | 0.6 | 6.15 | |
| 11/23/22 8:00 | 15.03 | 308741.2 | 25.49 | 0.03 | 0.4 | 3.84 | |
| 11/23/22 9:00 | 15.02 | 317220.5 | 27.49 | 0.02 | 0.4 | 4.32 | |
| 11/23/22 10:00 | 14.92 | 347064.4 | 28.55 | 0.03 | 0.42 | 10.24 | |
| 11/23/22 11:00 | 14.91 | 344481.7 | 32.33 | 0.01 | 0.44 | 7.21 | |
| 11/23/22 12:00 | 14.9 | 342871.7 | 31.47 | 0 | 0.4 | 6.46 | |
| 11/23/22 13:00 | 14.79 | 340700 | 26.75 | 0 | 0.42 | 3.45 | |
| 11/23/22 14:00 | 14.79 | 347858 | 27.65 | 0 | 0.42 | 3.38 | |
| 11/23/22 15:00 | 14.83 | 344939.6 | 29.38 | 0 | 0.44 | 5.67 | |
| 11/23/22 16:00 | 14.78 | 351400.2 | 26.82 | 0 | 0.41 | 5.89 | |
| 11/23/22 17:00 | 14.8 | 351098.5 | 27.64 | 0.03 | 0.43 | 7.01 | |
| 11/23/22 18:00 | 14.85 | 335248.6 | 34.18 | 0.03 | 0.39 | 5.49 | |
| 11/23/22 19:00 | 14.84 | 333032.8 | 37.25 | 0.05 | 0.47 | 3.54 | |
| 11/23/22 20:00 | 14.88 | 336229.9 | 32.19 | 0.05 | 0.5 | 4.08 | |
| 11/23/22 21:00 | 14.88 | 336229.9 | 32.19 | 0.05 | 0.5 | 4.08 | |
| 11/23/22 22:00 | 14.83 | 337123.1 | 34.69 | 0.05 | 0.49 | 3.38 | |
| 11/23/22 23:00 | 14.83 | 339303.5 | 33.7 | 0.08 | 0.49 | 3.51 | |
| 11/24/22 0:00 | 14.83 | 339303.5 | 33.7 | 0.15 | 0.47 | 3.5 | |
| 11/24/22 1:00 | 14.82 | 337381.9 | 34.72 | 0.19 | 0.48 | 3.43 | |
| 11/24/22 2:00 | 14.81 | 337231.2 | 34.28 | 0.24 | 0.47 | 3.45 | |
| 11/24/22 3:00 | 14.81 | 337023.5 | 35.11 | 0.27 | 0.43 | 3.45 | |
| 11/24/22 4:00 | 14.84 | 334975.5 | 32.66 | 0.3 | 0.49 | 3.39 | |
| 11/24/22 5:00 | 14.82 | 336966.6 | 34.15 | 0.32 | 0.49 | 3.5 | |
| 11/24/22 6:00 | 14.84 | 335240.1 | 32.75 | 0.35 | 0.51 | 3.86 | |
| 11/24/22 7:00 | 14.83 | 335996.7 | 33.71 | 0.41 | 0.61 | 3.58 | |
| 11/24/22 8:00 | 14.86 | 343807.3 | 33.39 | 0.37 | 0.61 | 6.76 | |
| 11/24/22 9:00 | 14.86 | 340422.6 | 34.86 | 0.32 | 0.56 | 4.08 | |
| 11/24/22 10:00 | 14.86 | 340422.6 | 34.86 | 0.32 | 0.55 | 3.6 | |
| 11/24/22 11:00 | 14.85 | 344302.5 | 30.87 | 0.27 | 0.55 | 3.96 | |
| 11/24/22 12:00 | 14.85 | 349128.3 | 26.28 | 0.26 | 0.58 | 5.97 | |
| 11/24/22 13:00 | 14.84 | 344623.9 | 28.56 | 0.25 | 0.55 | 5.18 | |
| 11/24/22 14:00 | 14.82 | 346953.5 | 25.48 | 0.21 | 0.53 | 3.76 | |
| 11/24/22 15:00 | 14.88 | 343400.8 | 27.54 | 0.17 | 0.5 | 6.52 | |
| 11/24/22 16:00 | 14.82 | 339124.3 | 31.38 | 0.12 | 0.52 | 3.31 | |
| 11/24/22 17:00 | 14.86 | 339717.1 | 28.94 | 0.2 | 0.55 | 3.97 | |
| 11/24/22 18:00 | 14.86 | 333263.2 | 35.15 | 0.21 | 0.53 | 3.25 | |
| 11/24/22 19:00 | 14.86 | 333166.5 | 32.32 | 0.2 | 0.5 | 3.25 | |
| 11/24/22 20:00 | 14.87 | 334615.5 | 31.76 | 0.14 | 0.47 | 3.27 | |
| 11/24/22 21:00 | 14.86 | 336443.3 | 32.48 | 0.15 | 0.48 | 3.26 | |
| 11/24/22 22:00 | 14.84 | 336363.3 | 33.49 | 0.23 | 0.53 | 3.16 | |
| 11/24/22 23:00 | 14.87 | 337015 | 32.07 | 0.22 | 0.55 | 3.11 | |
| 11/25/22 0:00 | 14.9 | 338644 | 31.32 | 0.21 | 0.49 | 3.13 | |
| 11/25/22 1:00 | 14.89 | 338750.5 | 31.89 | 0.25 | 0.53 | 3.13 | |
| 11/25/22 2:00 | 14.87 | 337023.5 | 33.02 | 0.27 | 0.55 | 3.12 | |
| 11/25/22 3:00 | 14.87 | 336969.5 | 31.67 | 0.23 | 0.52 | 3.17 | |
| 11/25/22 4:00 | 14.94 | 339098 | 25.58 | 0.23 | 0.51 | 3.83 | |
| 11/25/22 5:00 | 14.88 | 335450.6 | 29.22 | 0.25 | 0.53 | 3.5 | |
| 11/25/22 6:00 | 14.88 | 336146.4 | 30.66 | 0.26 | 0.54 | 3.43 | |
| 11/25/22 7:00 | 14.92 | 334887.3 | 25.02 | 0.27 | 0.54 | 3.42 | |
| 11/25/22 8:00 | 14.9 | 337885.4 | 31.92 | 0.26 | 0.51 | 3.41 | |
| 11/25/22 9:00 | 14.95 | 344527.2 | 28.66 | 0.21 | 0.54 | 6.01 | |
| 11/25/22 10:00 | 14.9 | 339976.2 | 34.66 | 0.21 | 0.51 | 2.98 | |
| 11/25/22 11:00 | 14.89 | 338076 | 35.68 | 0.19 | 0.49 | 2.92 | |
| 11/25/22 12:00 | 14.89 | 341392.6 | 30.87 | 0.18 | 0.49 | 3.18 | |
| 11/25/22 13:00 | 14.86 | 347633.3 | 25.09 | 0.1 | 0.49 | 3.63 | |
| 11/25/22 14:00 | 14.86 | 346139.3 | 25.09 | 0.09 | 0.51 | 3.51 | |
| 11/25/22 15:00 | 14.88 | 345343.5 | 24.69 | 0.09 | 0.49 | 4.05 | |
| 11/25/22 16:00 | 14.87 | 346248.1 | 24.79 | 0.04 | 0.51 | 4.55 | |
| 11/25/22 17:00 | 14.86 | 335461.9 | 34.34 | 0.03 | 0.48 | 3.37 | |
| 11/25/22 18:00 | 14.87 | 331846.6 | 34.49 | 0.02 | 0.47 | 3.19 | |
| 11/25/22 19:00 | 14.87 | 334057.5 | 32.55 | 0.02 | 0.49 | 3.3 | |
| 11/25/22 20:00 | 14.91 | 335908.5 | 30.5 | 0.05 | 0.5 | 3.39 | |
| 11/25/22 21:00 | 14.93 | 335333.9 | 29.92 | 0.04 | 0.52 | 3.44 | |
| 11/25/22 22:00 | 14.93 | 338188.2 | 34.41 | 0.06 | 0.51 | 3.11 | |
| 11/25/22 23:00 | 14.91 | 338040.3 | 31.98 | 0.07 | 0.51 | 3.26 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodicity: 01/11/2022 00:00-30/11/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 11/29/22 3:00 | 14.65 | 371733.3 | 14.88 | 0.04 | 0.57 | 5.32 | |
| 11/29/22 4:00 | 14.65 | 376896.9 | 14.75 | 0.06 | 0.57 | 5.83 | |
| 11/29/22 5:00 | 14.65 | 376609.7 | 15.07 | 0.07 | 0.56 | 5.52 | |
| 11/29/22 6:00 | 14.66 | 376993.7 | 14.8 | 0.07 | 0.53 | 5.37 | |
| 11/29/22 7:00 | 14.67 | 377144.4 | 14.41 | 0.06 | 0.53 | 4.84 | |
| 11/29/22 8:00 | 14.68 | 377628 | 13.57 | 0.02 | 0.52 | 5.02 | |
| 11/29/22 9:00 | 14.68 | 378572.3 | 12 | 0 | 0.51 | 4.2 | |
| 11/29/22 10:00 | 14.66 | 378270.8 | 10.5 | 0 | 0.45 | 4.47 | |
| 11/29/22 11:00 | 14.66 | 376588.5 | 10.15 | 0 | 0.42 | 4.53 | |
| 11/29/22 12:00 | 14.73 | 364205 | 14.87 | 0 | 0.43 | 4.79 | |
| 11/29/22 13:00 | 14.85 | 347792.6 | 37.19 | 0 | 0.42 | 4.59 | |
| 11/29/22 14:00 | 14.85 | 343400.8 | 34.1 | 0 | 0.41 | 3.2 | |
| 11/29/22 15:00 | 14.89 | 341256.1 | 30.85 | 0 | 0.44 | 3.35 | |
| 11/29/22 16:00 | 14.91 | 342083.8 | 28.49 | 0 | 0.45 | 4.04 | |
| 11/29/22 17:00 | 14.97 | 343133.4 | 24.94 | 0 | 0.5 | 7.15 | |
| 11/29/22 18:00 | 14.93 | 337208.4 | 26.99 | 0 | 0.49 | 4.85 | |
| 11/29/22 19:00 | 14.94 | 336483.1 | 29.36 | 0 | 0.52 | 3.87 | |
| 11/29/22 20:00 | 14.95 | 336773.2 | 28.54 | 0 | 0.52 | 3.58 | |
| 11/29/22 21:00 | 14.98 | 335780.5 | 26.7 | 0 | 0.51 | 3.83 | |
| 11/29/22 22:00 | 14.98 | 335929.5 | 25.9 | 0 | 0.5 | 4.15 | |
| 11/29/22 23:00 | 15.1 | 320662.6 | 18.83 | 0 | 0.53 | 5.09 | |
| 11/30/22 0:00 | 15.1 | 301496.4 | 19.34 | 0.01 | 0.49 | 4.39 | |
| 11/30/22 1:00 | 15.11 | 297773 | 17.58 | 0.01 | 0.52 | 4.77 | |
| 11/30/22 2:00 | 15.06 | 300088.4 | 20.76 | 0.01 | 0.51 | 4.13 | |
| 11/30/22 3:00 | 15.1 | 294285.8 | 17.33 | 0.01 | 0.71 | 4.89 | |
| 11/30/22 4:00 | 15.08 | 300529.3 | 18.37 | 0.02 | 0.55 | 4.75 | |
| 11/30/22 5:00 | 15.12 | 297079 | 15.87 | 0.03 | 0.54 | 5.93 | |
| 11/30/22 6:00 | 15.13 | 291771.3 | 15.62 | 0.03 | 0.69 | 5.84 | |
| 11/30/22 7:00 | 15.13 | 293014.3 | 16.87 | 0.02 | 0.59 | 4.68 | |
| 11/30/22 8:00 | 15.1 | 309733.9 | 20.44 | 0.01 | 0.47 | 4.16 | |
| 11/30/22 9:00 | 15.08 | 316802.4 | 21.44 | 0.01 | 0.44 | 3.98 | |
| 11/30/22 10:00 | 15.08 | 320868.6 | 23.97 | 0 | 0.39 | 3.71 | |
| 11/30/22 11:00 | 15.09 | 319433.5 | 22.48 | 0 | 0.36 | 3.82 | |
| 11/30/22 12:00 | 15.12 | 315755.6 | 19.33 | 0 | 0.37 | 5.18 | |
| 11/30/22 13:00 | 14.87 | 344632.4 | 33.64 | 0 | 0.43 | 3.61 | |
| 11/30/22 14:00 | 14.85 | 340518.6 | 34.41 | 0.81 | 0.39 | 3.77 | |
| 11/30/22 15:00 | 14.87 | 341665.7 | 33.03 | 1.28 | 0.4 | 3.39 | |
| 11/30/22 16:00 | 14.88 | 342061 | 32.6 | 1.27 | 0.4 | 3.49 | |
| 11/30/22 17:00 | 14.92 | 341837.2 | 27.81 | 1.05 | 0.43 | 4.37 | |
| 11/30/22 18:00 | 14.93 | 337202.7 | 29.14 | 1.32 | 0.53 | 3.63 | |
| 11/30/22 19:00 | 14.95 | 335373.8 | 29.09 | 1.12 | 0.51 | 3.98 | |
| 11/30/22 20:00 | 14.93 | 338622.1 | 30.23 | 1.18 | 0.5 | 3.84 | |
| 11/30/22 21:00 | 14.95 | 338087.3 | 28.47 | 1.08 | 0.5 | 4.06 | |
| 11/30/22 22:00 | 14.93 | 339734.3 | 29.98 | 1.12 | 0.52 | 3.83 | |
| 11/30/22 23:00 | 15.12 | 299314.7 | 19.87 | 0.3 | 0.57 | 5.1 | |
| Minimum | 14.49 | 238452.50 | 0.07 | 0.01 | 0.33 | 2.92 | |
| Maximum | 15.10 | 453044.20 | 45.89 | 0.85 | 0.85 | 8.50 | |
| Avg | 14.97 | 347086.14 | 20.56 | 1.07 | 0.46 | 5.71 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodicity: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|-----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/1/2022 0:00 | 15.10 | 323876.00 | 21.28 | 0.29 | 0.48 | 3.87 | |
| 12/1/2022 1:00 | 15.11 | 297576.80 | 20.45 | 0.29 | 0.48 | 4.16 | |
| 12/1/2022 2:00 | 15.08 | 299047.30 | 22.48 | 0.30 | 0.48 | 3.87 | |
| 12/1/2022 3:00 | 15.10 | 296305.30 | 20.31 | 0.31 | 0.48 | 4.08 | |
| 12/1/2022 4:00 | 15.11 | 296200.10 | 20.47 | 0.32 | 0.48 | 4.25 | |
| 12/1/2022 5:00 | 15.14 | 291757.00 | 18.44 | 0.34 | 0.68 | 4.95 | |
| 12/1/2022 6:00 | 15.14 | 291822.50 | 19.03 | 0.33 | 0.57 | 4.39 | |
| 12/1/2022 7:00 | 15.17 | 292237.80 | 18.09 | 0.34 | 0.51 | 5.13 | |
| 12/1/2022 8:00 | 15.12 | 308818.00 | 22.46 | 0.33 | 0.48 | 4.21 | |
| 12/1/2022 9:00 | 15.10 | 315189.60 | 24.79 | 0.32 | 0.45 | 4.15 | |
| 12/1/2022 10:00 | 15.08 | 319604.20 | 26.77 | 0.31 | 0.43 | 3.85 | |
| 12/1/2022 11:00 | 15.10 | 316810.00 | 24.30 | 0.30 | 0.49 | 4.13 | |
| 12/1/2022 12:00 | 15.12 | 313477.20 | 21.35 | 0.29 | 0.38 | 4.94 | |
| 12/1/2022 13:00 | 14.87 | 348736.90 | 24.69 | 1.24 | 0.40 | 3.81 | |
| 12/1/2022 14:00 | 14.90 | 344544.30 | 24.83 | 1.18 | 0.40 | 3.86 | |
| 12/1/2022 15:00 | 14.86 | 347499.80 | 23.60 | 1.21 | 0.43 | 3.97 | |
| 12/1/2022 16:00 | 14.90 | 342049.70 | 28.61 | 1.21 | 0.43 | 3.84 | |
| 12/1/2022 17:00 | 14.89 | 335011.00 | 33.34 | 1.25 | 0.41 | 3.29 | |
| 12/1/2022 18:00 | 14.88 | 337123.10 | 33.63 | 1.28 | 0.42 | 3.50 | |
| 12/1/2022 19:00 | 14.92 | 33851.80 | 33.88 | 1.23 | 0.39 | 3.41 | |
| 12/1/2022 20:00 | 14.92 | 328828.70 | 32.31 | 1.43 | 0.35 | 3.85 | |
| 12/1/2022 21:00 | 14.95 | 323313.30 | 31.56 | 1.49 | 0.35 | 3.61 | |
| 12/1/2022 22:00 | 14.96 | 324533.10 | 32.69 | 1.36 | 0.36 | 3.53 | |
| 12/1/2022 23:00 | 15.12 | 302115.80 | 19.32 | 0.35 | 0.40 | 4.51 | |
| 12/2/2022 0:00 | 15.13 | 301923.10 | 19.42 | 0.35 | 0.35 | 4.79 | |
| 12/2/2022 1:00 | 15.11 | 301431.00 | 22.13 | 0.32 | 0.41 | 3.79 | |
| 12/2/2022 2:00 | 15.13 | 299050.20 | 21.08 | 0.35 | 0.49 | 3.70 | |
| 12/2/2022 3:00 | 15.13 | 295927.30 | 19.37 | 0.33 | 0.41 | 3.88 | |
| 12/2/2022 4:00 | 15.12 | 298401.70 | 20.35 | 0.33 | 0.41 | 3.88 | |
| 12/2/2022 5:00 | 15.15 | 293779.40 | 18.71 | 0.32 | 0.58 | 4.54 | |
| 12/2/2022 6:00 | 15.14 | 292368.60 | 19.20 | 0.31 | 0.53 | 4.11 | |
| 12/2/2022 7:00 | 15.17 | 290330.90 | 19.31 | 0.31 | 0.41 | 3.97 | |
| 12/2/2022 8:00 | 15.12 | 309045.80 | 25.12 | 0.29 | 0.37 | 3.50 | |
| 12/2/2022 9:00 | 15.13 | 311912.80 | 24.92 | 0.27 | 0.37 | 3.45 | |
| 12/2/2022 10:00 | 15.12 | 315445.60 | 25.10 | 0.07 | 0.37 | 3.27 | |
| 12/2/2022 11:00 | 15.13 | 316506.60 | 23.31 | 0.07 | 0.36 | 3.56 | |
| 12/2/2022 12:00 | 15.15 | 311104.90 | 19.75 | 0.07 | 0.39 | 4.27 | |
| 12/2/2022 13:00 | 14.92 | 349507.80 | 24.64 | 0.24 | 0.40 | 3.71 | |
| 12/2/2022 14:00 | 14.90 | 350125.00 | 24.99 | 0.13 | 0.39 | 3.72 | |
| 12/2/2022 15:00 | 14.91 | 348754.00 | 22.76 | 0.13 | 0.41 | 3.71 | |
| 12/2/2022 16:00 | 14.92 | 33866.70 | 33.29 | 0.13 | 0.39 | 3.03 | |
| 12/2/2022 17:00 | 14.95 | 337999.20 | 31.37 | 0.11 | 0.34 | 3.09 | |
| 12/2/2022 18:00 | 14.93 | 340109.80 | 33.28 | 0.12 | 0.34 | 3.08 | |
| 12/2/2022 19:00 | 15.01 | 333934.50 | 35.39 | 0.08 | 0.33 | 3.21 | |
| 12/2/2022 20:00 | 14.97 | 335871.50 | 34.35 | 0.00 | 0.42 | 3.19 | |
| 12/2/2022 21:00 | 14.98 | 33800.40 | 32.52 | 0.00 | 0.42 | 3.22 | |
| 12/2/2022 22:00 | 15.00 | 338422.00 | 31.00 | 0.00 | 0.40 | 3.40 | |
| 12/2/2022 23:00 | 15.19 | 300751.20 | 21.63 | 0.00 | 0.59 | 5.69 | |
| 12/3/2022 0:00 | 15.18 | 299755.80 | 20.95 | 0.00 | 0.49 | 4.27 | |
| 12/3/2022 1:00 | 15.14 | 303948.30 | 22.70 | 0.08 | 0.46 | 3.72 | |
| 12/3/2022 2:00 | 15.19 | 298727.80 | 19.27 | 0.08 | 0.46 | 3.07 | |
| 12/3/2022 3:00 | 15.17 | 297539.80 | 20.69 | 0.09 | 0.52 | 4.05 | |
| 12/3/2022 4:00 | 15.18 | 295264.30 | 19.74 | 0.13 | 0.59 | 4.46 | |
| 12/3/2022 5:00 | 15.20 | 293287.30 | 18.68 | 0.10 | 0.61 | 4.83 | |
| 12/3/2022 6:00 | 15.18 | 298165.60 | 21.18 | 0.10 | 0.58 | 4.49 | |
| 12/3/2022 7:00 | 15.21 | 298211.10 | 20.74 | 0.10 | 0.58 | 4.49 | |
| 12/3/2022 8:00 | 15.16 | 312928.30 | 26.53 | 0.11 | 0.44 | 3.50 | |
| 12/3/2022 9:00 | 15.20 | 315710.10 | 25.39 | 0.09 | 0.43 | 4.34 | |
| 12/3/2022 10:00 | 15.16 | 322289.30 | 28.53 | 0.16 | 0.45 | 3.97 | |
| 12/3/2022 11:00 | 15.18 | 317416.80 | 23.88 | 0.08 | 0.44 | 4.52 | |
| 12/3/2022 12:00 | 15.17 | 313372.00 | 21.01 | 0.05 | 0.41 | 4.19 | |
| 12/3/2022 13:00 | 15.18 | 304565.30 | 20.15 | 0.05 | 0.37 | 3.07 | |
| 12/3/2022 14:00 | 14.94 | 341162.20 | 35.11 | 0.21 | 0.40 | 2.92 | |
| 12/3/2022 15:00 | 15.00 | 344490.20 | 27.02 | 0.05 | 0.38 | 3.72 | |
| 12/3/2022 16:00 | 14.95 | 33694.70 | 34.37 | 0.15 | 0.36 | 2.94 | |
| 12/3/2022 17:00 | 14.95 | 338115.80 | 32.83 | 0.15 | 0.36 | 2.91 | |
| 12/3/2022 18:00 | 14.98 | 336668.00 | 31.36 | 0.07 | 0.39 | 3.03 | |
| 12/3/2022 19:00 | 15.00 | 337572.50 | 30.71 | 0.16 | 0.44 | 3.15 | |
| 12/3/2022 20:00 | 14.99 | 337279.50 | 30.08 | 0.20 | 0.44 | 3.16 | |
| 12/3/2022 21:00 | 15.02 | 336438.90 | 28.12 | 0.02 | 0.38 | 3.09 | |
| 12/3/2022 22:00 | 14.93 | 350523.30 | 24.45 | 0.10 | 0.44 | 3.61 | |
| 12/3/2022 23:00 | 14.62 | 398466.40 | 34.83 | 0.13 | 0.51 | 5.98 | |
| 12/4/2022 0:00 | 14.60 | 398324.20 | 3.37 | 0.20 | 0.58 | 6.35 | |
| 12/4/2022 1:00 | 14.59 | 398548.90 | 3.45 | 0.28 | 0.68 | 6.61 | |
| 12/4/2022 2:00 | 14.59 | 399143.20 | 3.87 | 0.26 | 0.55 | 7.19 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodicity: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|----------------|----------------------------|--------------------|---|----------------|-------------------|---------------|--|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust (7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/4/2022 3:00 | 14.58 | 399137.70 | 3.75 | 0.30 | 0.54 | 7.69 | |
| 12/4/2022 4:00 | 14.58 | 399484.70 | 3.62 | 0.29 | 0.57 | 8.00 | |
| 12/4/2022 5:00 | 14.59 | 400278.30 | 4.18 | 0.35 | 0.58 | 8.03 | |
| 12/4/2022 6:00 | 14.60 | 401065.20 | 4.61 | 0.27 | 0.60 | 8.19 | |
| 12/4/2022 7:00 | 14.61 | 401054.80 | 4.67 | 0.28 | 0.59 | 7.93 | |
| 12/4/2022 8:00 | 14.64 | 400062.10 | 4.30 | 0.27 | 0.55 | 7.50 | |
| 12/4/2022 9:00 | 14.65 | 397001.50 | 6.58 | 0.29 | 0.49 | 6.99 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|-----------------|--|-------|------|------|-------|
| | O2 | FLOW #1 ATM 25C | HRSG1_NOx@%O2 HRSG1_SOx@%O2 HRSG1_Dust (7%O2) HRSG1_CO@%O2 | | | | |
| | | | % | m3/hr | ppm | ppm | mg/m3 |
| 12/10/2022 9:00 | 14.63 | 388907.30 | 0.19 | 0.37 | 0.55 | 4.22 | 0.00 |
| 12/10/2022 10:00 | 14.62 | 386091.30 | 2.84 | 0.09 | 0.51 | 5.50 | 13.16 |
| 12/10/2022 11:00 | 14.62 | 389571.80 | 8.50 | 0.03 | 0.46 | 5.00 | 0.40 |
| 12/10/2022 12:00 | 14.61 | 386010.60 | 9.42 | 0.05 | 0.45 | 4.68 | 0.395 |
| 12/10/2022 13:00 | 14.59 | 386393.30 | 10.01 | 0.04 | 0.45 | 4.24 | 0.36 |
| 12/10/2022 14:00 | 14.58 | 383430.60 | 9.92 | 0.01 | 0.44 | 4.03 | 0.36 |
| 12/10/2022 15:00 | 14.57 | 382676.90 | 10.57 | 0.00 | 0.41 | 4.01 | 0.36 |
| 12/10/2022 16:00 | 14.58 | 383860.20 | 11.38 | 0.01 | 0.43 | 4.01 | 0.36 |
| 12/10/2022 17:00 | 14.58 | 386891.30 | 14.71 | 0.03 | 0.35 | 3.24 | 0.36 |
| 12/10/2022 18:00 | 14.93 | 334153.50 | 34.28 | 0.07 | 0.43 | 2.97 | 0.45 |
| 12/10/2022 19:00 | 14.97 | 336266.90 | 29.74 | 0.12 | 0.46 | 2.96 | 0.46 |
| 12/10/2022 20:00 | 14.98 | 336511.80 | 28.14 | 0.21 | 0.46 | 2.96 | 0.46 |
| 12/10/2022 21:00 | 14.83 | 369556.50 | 13.15 | 0.16 | 0.54 | 2.58 | 0.41 |
| 12/10/2022 22:00 | 14.63 | 397493.60 | 1.28 | 0.15 | 0.57 | 4.77 | 0.44 |
| 12/10/2022 23:00 | 14.63 | 388210.40 | 1.32 | 0.17 | 0.60 | 4.86 | 0.44 |
| 12/11/2022 0:00 | 14.62 | 398099.40 | 1.51 | 0.20 | 0.59 | 4.77 | 0.44 |
| 12/11/2022 1:00 | 14.62 | 398483.40 | 1.30 | 0.25 | 0.62 | 5.80 | 0.49 |
| 12/11/2022 2:00 | 14.60 | 399021.00 | 1.60 | 0.36 | 0.61 | 6.51 | 0.59 |
| 12/11/2022 3:00 | 14.59 | 399851.60 | 1.83 | 0.38 | 0.58 | 7.95 | 0.63 |
| 12/11/2022 4:00 | 14.59 | 400052.30 | 2.45 | 0.60 | 0.63 | 8.15 | 0.60 |
| 12/11/2022 5:00 | 14.60 | 402098.70 | 3.38 | 0.49 | 0.62 | 7.94 | 0.63 |
| 12/11/2022 6:00 | 14.61 | 402482.70 | 3.25 | 0.56 | 0.62 | 8.36 | 0.65 |
| 12/11/2022 7:00 | 14.64 | 401902.50 | 2.77 | 0.58 | 0.60 | 7.86 | 0.63 |
| 12/11/2022 8:00 | 14.65 | 402714.50 | 2.44 | 0.51 | 0.62 | 8.04 | 0.60 |
| 12/11/2022 9:00 | 14.68 | 401148.70 | 2.11 | 0.43 | 0.59 | 6.68 | 0.58 |
| 12/11/2022 10:00 | 14.69 | 400247.00 | 1.66 | 0.28 | 0.58 | 6.18 | 0.50 |
| 12/11/2022 11:00 | 14.68 | 393204.20 | 6.44 | 0.15 | 0.52 | 5.38 | 0.44 |
| 12/11/2022 12:00 | 14.67 | 387590.60 | 10.14 | 0.17 | 0.47 | 4.98 | 0.44 |
| 12/11/2022 13:00 | 14.65 | 384696.40 | 9.68 | 0.17 | 0.45 | 4.38 | 0.41 |
| 12/11/2022 14:00 | 14.65 | 383481.80 | 11.06 | 0.04 | 0.43 | 4.11 | 0.36 |
| 12/11/2022 15:00 | 14.64 | 384138.90 | 11.23 | 0.03 | 0.47 | 4.06 | 0.38 |
| 12/11/2022 16:00 | 14.65 | 386659.70 | 14.63 | 0.06 | 0.44 | 3.77 | 0.40 |
| 12/11/2022 17:00 | 14.87 | 355563.60 | 8.73 | 0.02 | 0.45 | 6.30 | 0.44 |
| 12/11/2022 18:00 | 15.02 | 319444.90 | 25.26 | 0.39 | 0.39 | 3.21 | 0.41 |
| 12/11/2022 19:00 | 15.03 | 320460.30 | 27.93 | 0.11 | 0.34 | 3.09 | 0.43 |
| 12/11/2022 20:00 | 15.03 | 320440.40 | 27.16 | 0.11 | 0.34 | 3.17 | 0.40 |
| 12/11/2022 21:00 | 14.92 | 365115.30 | 12.76 | 0.27 | 0.53 | 7.50 | 0.39 |
| 12/11/2022 22:00 | 14.65 | 400480.30 | 2.68 | 0.27 | 0.58 | 6.07 | 0.46 |
| 12/12/2022 0:00 | 14.65 | 399442.00 | 3.25 | 0.14 | 0.60 | 6.48 | 0.42 |
| 12/12/2022 1:00 | 14.64 | 399328.30 | 2.06 | 0.23 | 0.59 | 6.59 | 0.48 |
| 12/12/2022 2:00 | 14.63 | 400733.40 | 2.87 | 0.28 | 0.56 | 6.71 | 0.47 |
| 12/12/2022 3:00 | 14.62 | 401208.40 | 3.55 | 0.35 | 0.57 | 7.34 | 0.49 |
| 12/12/2022 4:00 | 14.61 | 402198.30 | 4.08 | 0.42 | 0.65 | 8.00 | 0.53 |
| 12/12/2022 5:00 | 14.61 | 403390.10 | 4.37 | 0.54 | 0.71 | 8.32 | 0.60 |
| 12/12/2022 6:00 | 14.63 | 403842.40 | 4.87 | 0.48 | 0.72 | 8.54 | 0.63 |
| 12/12/2022 7:00 | 14.65 | 403853.40 | 4.00 | 0.47 | 0.71 | 8.17 | 0.60 |
| 12/12/2022 8:00 | 14.68 | 403156.90 | 4.33 | 0.46 | 0.59 | 8.96 | 0.64 |
| 12/12/2022 9:00 | 14.70 | 402568.10 | 4.02 | 0.28 | 0.58 | 8.40 | 0.60 |
| 12/12/2022 10:00 | 14.71 | 400955.10 | 3.19 | 0.12 | 0.58 | 7.39 | 0.50 |
| 12/12/2022 11:00 | 14.70 | 397024.30 | 2.67 | 0.06 | 0.58 | 7.00 | 0.48 |
| 12/12/2022 12:00 | 14.68 | 393061.90 | 2.69 | 0.06 | 0.51 | 6.36 | 0.43 |
| 12/12/2022 13:00 | 14.67 | 387173.90 | 11.34 | 0.04 | 0.48 | 5.82 | 0.41 |
| 12/12/2022 14:00 | 14.66 | 385049.10 | 10.59 | 0.01 | 0.47 | 5.27 | 0.40 |
| 12/12/2022 15:00 | 14.65 | 386559.70 | 10.01 | 0.01 | 0.45 | 5.00 | 0.38 |
| 12/12/2022 16:00 | 14.64 | 389031.30 | 10.64 | 0.03 | 0.45 | 5.60 | 0.38 |
| 12/12/2022 17:00 | 14.72 | 379320.40 | 15.69 | 0.04 | 0.44 | 5.11 | 0.39 |
| 12/12/2022 18:00 | 14.96 | 340911.90 | 32.15 | 0.15 | 0.37 | 2.88 | 0.45 |
| 12/12/2022 19:00 | 14.90 | 340094.00 | 27.77 | 0.20 | 0.38 | 3.11 | 0.40 |
| 12/12/2022 20:00 | 15.03 | 337282.40 | 28.10 | 0.18 | 0.43 | 3.06 | 0.40 |
| 12/12/2022 21:00 | 15.13 | 323486.80 | 24.12 | 0.08 | 0.49 | 5.43 | 0.42 |
| 12/12/2022 22:00 | 14.98 | 340653.30 | 23.97 | 0.09 | 0.48 | 5.30 | 0.40 |
| 12/12/2022 23:00 | 15.21 | 302002.70 | 21.68 | 0.08 | 0.50 | 3.53 | 0.40 |
| 12/13/2022 0:00 | 15.24 | 301971.40 | 19.69 | 0.08 | 0.52 | 3.59 | 0.40 |
| 12/13/2022 1:00 | 15.23 | 303100.70 | 21.13 | 0.07 | 0.51 | 3.40 | 0.40 |
| 12/13/2022 2:00 | 15.22 | 295545.10 | 19.22 | 0.05 | 0.47 | 3.11 | 0.38 |
| 12/13/2022 3:00 | 15.25 | 298782.80 | 19.60 | 0.02 | 0.52 | 3.80 | 0.42 |
| 12/13/2022 4:00 | 15.26 | 295989.60 | 17.73 | 0.03 | 0.59 | 3.77 | 0.42 |
| 12/13/2022 5:00 | 15.27 | 296268.30 | 19.46 | 0.01 | 0.62 | 3.94 | 0.45 |
| 12/13/2022 6:00 | 15.28 | 296411.30 | 19.12 | 0.01 | 0.62 | 3.84 | 0.42 |
| 12/13/2022 7:00 | 15.29 | 297932.30 | 19.14 | 0.01 | 0.54 | 3.83 | 0.38 |
| 12/13/2022 8:00 | 15.27 | 306280.80 | 25.38 | 0.01 | 0.49 | 3.18 | 0.35 |
| 12/13/2022 9:00 | 15.26 | 311693.80 | 27.15 | 0.00 | 0.44 | 3.11 | 0.37 |
| 12/13/2022 10:00 | 15.26 | 314797.20 | 27.19 | 0.00 | 0.44 | 3.11 | 0.37 |
| 12/13/2022 11:00 | 15.24 | 318224.60 | 27.18 | 0.00 | 0.36 | 3.23 | 0.38 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|-------------|--|----------|----------|----------|-----|
| | O2 | FLOW #1 ATM | HRSG1_NOx@%O2 HRSG1_SOx@%O2 HRSG1_Dust (7%O2) HRSG1_CO@%O2 | | | | |
| | | | 25C | ppm | ppm | mg/m3 | ppm |
| 12/16/2022 15:00 | 14.80 | 348294.70 | 27.05 | 2.07 | 0.38 | 3.77 | |
| 12/16/2022 16:00 | 14.82 | 346797.00 | 29.06 | 2.07 | 0.38 | 4.06 | |
| 12/16/2022 17:00 | 14.85 | 345875.40 | 26.27 | 2.28 | 0.39 | 5.66 | |
| 12/16/2022 18:00 | 14.82 | 339276.30 | 31.33 | 2.37 | 0.34 | 3.94 | |
| 12/16/2022 19:00 | 14.82 | 339125.80 | 31.53 | 2.31 | 0.31 | 3.30 | |
| 12/16/2022 20:00 | 14.82 | 338266.60 | 32.06 | 2.57 | 0.39 | 3.42 | |
| 12/16/2022 21:00 | 14.84 | 338491.30 | 30.58 | 2.64 | 0.42 | 3.61 | |
| 12/16/2022 22:00 | 14.80 | 340378.70 | 33.39 | 2.67 | 0.42 | 3.41 | |
| 12/16/2022 23:00 | 14.98 | 299175.30 | 22.37 | 2.14 | 0.44 | 4.04 | |
| 12/17/2022 0:00 | 14.95 | 300688.60 | 22.26 | 2.83 | 0.41 | 3.78 | |
| 12/17/2022 1:00 | 14.96 | 299556.10 | 21.28 | 2.77 | 0.42 | 3.90 | |
| 12/17/2022 2:00 | 14.95 | 299914.90 | 21.68 | 2.51 | 0.40 | 3.96 | |
| 12/17/2022 3:00 | 14.98 | 296206.30 | 19.30 | 2.44 | 0.39 | 4.24 | |
| 12/17/2022 4:00 | 14.98 | 294007.00 | 19.37 | 2.12 | 0.45 | 4.19 | |
| 12/17/2022 5:00 | 15.00 | 286920.20 | 19.28 | 1.71 | 0.76 | 4.18 | |
| 12/17/2022 6:00 | 15.00 | 289006.50 | 19.72 | 1.56 | 0.58 | 3.91 | |
| 12/17/2022 7:00 | 15.02 | 287822.90 | 18.74 | 1.44 | 0.54 | 3.84 | |
| 12/17/2022 8:00 | 15.03 | 302108.00 | 21.54 | 1.04 | 0.43 | 3.64 | |
| 12/17/2022 9:00 | 15.08 | 303032.40 | 18.99 | 0.54 | 0.46 | 4.37 | |
| 12/17/2022 10:00 | 15.07 | 302620.00 | 20.69 | 0.54 | 0.49 | 4.79 | |
| 12/17/2022 11:00 | 15.06 | 303661.00 | 19.86 | 0.66 | 0.41 | 4.38 | |
| 12/17/2022 12:00 | 15.12 | 296986.90 | 16.32 | 0.55 | 0.45 | 9.35 | |
| 12/17/2022 13:00 | 14.80 | 356792.40 | 26.73 | 2.24 | 0.37 | 5.21 | |
| 12/17/2022 14:00 | 14.87 | 347189.60 | 28.66 | 2.52 | 0.33 | 4.95 | |
| 12/17/2022 15:00 | 14.85 | 34885.30 | 28.66 | 2.45 | 0.33 | 4.95 | |
| 12/17/2022 16:00 | 14.88 | 345787.30 | 28.89 | 2.50 | 0.33 | 5.13 | |
| 12/17/2022 17:00 | 14.86 | 338019.10 | 32.02 | 2.55 | 0.34 | 3.65 | |
| 12/17/2022 18:00 | 14.88 | 336503.00 | 32.04 | 2.51 | 0.40 | 3.32 | |
| 12/17/2022 19:00 | 14.94 | 336488.80 | 30.28 | 2.45 | 0.45 | 3.41 | |
| 12/17/2022 20:00 | 14.96 | 337655.00 | 29.58 | 1.94 | 0.48 | 3.56 | |
| 12/17/2022 21:00 | 14.95 | 339077.20 | 32.04 | 1.87 | 0.47 | 3.37 | |
| 12/17/2022 22:00 | 15.05 | 309944.10 | 30.00 | 1.23 | 0.50 | 3.50 | |
| 12/18/2022 0:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 1:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 2:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 3:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 4:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 5:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 6:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 7:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 8:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 9:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 10:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 11:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 12:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 13:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 14:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 15:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 16:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 17:00 | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | Shutdown | |
| 12/18/2022 18:00 | 14.98 | 312100.50 | 31.73 | 0.72 | 0.39 | 3.56 | |
| 12/18/2022 19:00 | 14.98 | 309621.00 | 32.02 | 0.86 | 0.42 | 3.82 | |
| 12/18/2022 20:00 | 15.00 | 307310.50 | 32.22 | 0.49 | 0.47 | 3.50 | |
| 12/18/2022 21:00 | 14.85 | 362404.50 | 20.66 | 0.65 | 0.55 | 7.46 | |
| 12/18/2022 22:00 | 14.70 | 399564.30 | 15.69 | 0.83 | 0.63 | 7.20 | |
| 12/18/2022 23:00 | 14.64 | 406550.60 | 12.68 | 0.86 | 0.61 | 6.69 | |
| 12/19/2022 0:00 | 14.84 | 407378.60 | 12.65 | 0.82 | 0.62 | 6.15 | |
| 12/19/2022 1:00 | 14.66 | 406291.40 | 12.86 | 0.72 | 0.74 | 7.71 | |
| 12/19/2022 2:00 | 14.58 | 407651.10 | 13.22 | 0.18 | 0.61 | 6.62 | |
| 12/19/2022 3:00 | 14.59 | 406937.10 | 14.44 | 0.27 | 0.63 | 6.82 | |
| 12/19/2022 4:00 | 14.61 | 407099.90 | 14.21 | 0.27 | 0.63 | 6.82 | |
| 12/19/2022 5:00 | 14.62 | 408976.60 | 13.42 | 0.01 | 0.68 | 5.11 | |
| 12/19/2022 6:00 | 14.57 | 409059.10 | 13.90 | 0.04 | 0.75 | 4.94 | |
| 12/19/2022 7:00 | 14.60 | 409394.70 | 13.29 | 0.11 | 0.79 | 5.43 | |
| 12/19/2022 8:00 | 15.06 | 33291.60 | 28.24 | 0.03 | 0.35 | 21.04 | |
| 12/19/2022 9:00 | 15.14 | 308508.00 | 26.74 | 0.03 | 0.69 | 4.18 | |
| 12/19/2022 10:00 | 15.11 | 314074.60 | 31.09 | 0.04 | 0.40 | 3.68 | |
| 12/19/2022 11:00 | 15.13 | 311642.60 | 26.43 | 0.05 | 0.39 | 4.13 | |
| 12/19/2022 12:00 | 15.11 | 304091.60 | 32.02 | 0.04 | 0.40 | 4.81 | |
| 12/19/2022 13:00 | 14.92 | 346435.80 | 32.02 | 0.28 | 0.41 | 5.18 | |
| 12/19/2022 14:00 | 14.94 | 349801.10 | 29.46 | 0.21 | 0.41 | 5.35 | |
| 12/19/2022 15:00 | 14.92 | 342268.70 | 29.69 | 0.28 | 0.38 | 4.12 | |
| 12/19/2022 16:00 | 14.90 | 343759.90 | 29.69 | 0.28 | 0.36 | 3.55 | |
| 12/19/2022 17:00 | 14.89 | 344831.50 | 30.33 | 0.47 | 0.36 | 3.40 | |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|--------------------|---|----------------|------------------|---------------|-------|
| | O2 | FLOW @1 ATM 25C | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/22/2022 21:00 | 14.88 | 333470.80 | 20.38 | 2.102 | 1.21 | 3.48 | 7.12 |
| 12/22/2022 22:00 | 14.83 | 338707.40 | 33.83 | 1.86 | 0.47 | 3.30 | 8.15 |
| 12/22/2022 23:00 | 15.01 | 297858.40 | 23.54 | 1.08 | 0.54 | 4.82 | 8.26 |
| 12/23/2022 0:00 | 15.00 | 298378.90 | 22.66 | 1.22 | 0.47 | 4.05 | 8.85 |
| 12/23/2022 1:00 | 14.98 | 298939.50 | 21.78 | 1.39 | 0.49 | 4.54 | 9.27 |
| 12/23/2022 2:00 | 14.99 | 295016.80 | 20.60 | 1.18 | 0.52 | 4.57 | 9.60 |
| 12/23/2022 3:00 | 15.00 | 290585.10 | 18.65 | 1.64 | 0.55 | 4.92 | 9.48 |
| 12/23/2022 4:00 | 15.02 | 288687.90 | 17.84 | 1.08 | 0.70 | 5.03 | 9.57 |
| 12/23/2022 5:00 | 15.08 | 283785.40 | 16.09 | 0.55 | 0.39 | 6.39 | 8.68 |
| 12/23/2022 6:00 | 15.06 | 288818.70 | 18.15 | 0.58 | 0.84 | 4.84 | 11.06 |
| 12/23/2022 7:00 | 15.07 | 290346.20 | 18.82 | 0.54 | 0.68 | 4.96 | 4.21 |
| 12/23/2022 8:00 | 15.07 | 301173.00 | 17.70 | 0.77 | 0.70 | 3.84 | 4.91 |
| 12/23/2022 9:00 | 15.04 | 310453.60 | 24.66 | 0.48 | 0.44 | 3.89 | 4.47 |
| 12/23/2022 10:00 | 15.04 | 313232.60 | 25.73 | 0.81 | 0.43 | 4.06 | 6.63 |
| 12/23/2022 11:00 | 15.05 | 312894.10 | 24.58 | 0.55 | 0.40 | 4.44 | 6.33 |
| 12/23/2022 12:00 | 15.07 | 309773.90 | 21.79 | 0.42 | 0.43 | 5.00 | 3.50 |
| 12/23/2022 13:00 | 14.88 | 347513.80 | 23.81 | 1.60 | 0.43 | 5.57 | 3.51 |
| 12/23/2022 14:00 | 14.84 | 348628.90 | 24.10 | 1.63 | 0.39 | 3.71 | 3.73 |
| 12/23/2022 15:00 | 14.86 | 345957.90 | 26.48 | 1.62 | 0.36 | 4.03 | 4.47 |
| 12/23/2022 16:00 | 14.85 | 338130.40 | 31.74 | 1.60 | 0.36 | 3.90 | 3.49 |
| 12/23/2022 17:00 | 14.89 | 340340.20 | 27.85 | 1.59 | 0.36 | 5.35 | 3.62 |
| 12/23/2022 18:00 | 14.83 | 329528.40 | 36.22 | 1.72 | 0.38 | 3.35 | 3.43 |
| 12/23/2022 19:00 | 14.88 | 335143.30 | 33.06 | 1.80 | 0.36 | 3.53 | 4.02 |
| 12/23/2022 20:00 | 14.89 | 336352.50 | 29.53 | 2.05 | 0.39 | 3.73 | 8.34 |
| 12/23/2022 21:00 | 14.88 | 337188.50 | 30.24 | 2.07 | 0.39 | 3.62 | 4.72 |
| 12/23/2022 22:00 | 14.86 | 339262.10 | 30.44 | 1.98 | 0.35 | 3.61 | 7.23 |
| 12/23/2022 23:00 | 15.03 | 300372.90 | 21.50 | 0.83 | 0.47 | 5.76 | 1.06 |
| 12/24/2022 0:00 | 15.02 | 299498.30 | 23.94 | 0.55 | 0.40 | 3.80 | 7.29 |
| 12/24/2022 1:00 | 15.04 | 298208.30 | 20.09 | 0.65 | 0.47 | 4.29 | 8.02 |
| 12/24/2022 2:00 | 15.04 | 297107.40 | 20.87 | 0.67 | 0.50 | 4.12 | 8.15 |
| 12/24/2022 3:00 | 15.03 | 295058.90 | 20.57 | 0.84 | 0.52 | 4.11 | 7.57 |
| 12/24/2022 4:00 | 15.06 | 297073.90 | 18.51 | 0.36 | 0.47 | 4.36 | 7.62 |
| 12/24/2022 5:00 | 15.08 | 288542.80 | 18.57 | 0.42 | 0.74 | 4.70 | 7.96 |
| 12/24/2022 6:00 | 15.12 | 284318.80 | 17.04 | 0.39 | 1.01 | 6.25 | 10.08 |
| 12/24/2022 7:00 | 15.10 | 286528.90 | 18.64 | 0.38 | 0.86 | 4.67 | 12.17 |
| 12/24/2022 8:00 | 15.09 | 256693.90 | 22.34 | 0.36 | 0.53 | 3.90 | 10.01 |
| 12/24/2022 9:00 | 15.14 | 297767.30 | 19.76 | 0.34 | 0.46 | 4.23 | 4.36 |
| 12/24/2022 10:00 | 15.11 | 303626.90 | 22.74 | 0.32 | 0.45 | 3.93 | 5.04 |
| 12/24/2022 11:00 | 15.11 | 301684.20 | 21.70 | 0.34 | 0.43 | 4.12 | 3.41 |
| 12/24/2022 12:00 | 15.09 | 302352.60 | 20.83 | 0.33 | 0.39 | 7.32 | 4.39 |
| 12/24/2022 13:00 | 14.91 | 348517.90 | 29.05 | 1.45 | 0.44 | 4.67 | 6.37 |
| 12/24/2022 14:00 | 14.91 | 345849.80 | 27.02 | 1.53 | 0.42 | 3.97 | 3.47 |
| 12/24/2022 15:00 | 14.86 | 343167.70 | 30.61 | 1.34 | 0.39 | 3.56 | 3.39 |
| 12/24/2022 16:00 | 14.91 | 345866.90 | 26.62 | 1.62 | 0.37 | 4.73 | 4.48 |
| 12/24/2022 17:00 | 14.89 | 335348.20 | 32.33 | 1.72 | 0.33 | 3.81 | 3.40 |
| 12/24/2022 18:00 | 14.88 | 327147.60 | 34.60 | 1.66 | 0.35 | 3.36 | 4.13 |
| 12/24/2022 19:00 | 14.93 | 333830.90 | 29.98 | 1.72 | 0.36 | 3.89 | 7.14 |
| 12/24/2022 20:00 | 14.89 | 335319.70 | 31.54 | 2.12 | 0.33 | 3.48 | 10.90 |
| 12/24/2022 21:00 | 14.89 | 334867.40 | 33.33 | 2.24 | 0.36 | 3.31 | 7.44 |
| 12/24/2022 22:00 | 14.91 | 342590.10 | 28.78 | 1.97 | 0.42 | 4.63 | 7.22 |
| 12/24/2022 23:00 | 14.52 | 403878.30 | 22.52 | 2.19 | 0.40 | 3.25 | 8.73 |
| 12/25/2022 0:00 | 14.50 | 404672.90 | 8.00 | 1.96 | 0.55 | 8.10 | 5.99 |
| 12/25/2022 1:00 | 14.51 | 404678.60 | 5.71 | 1.90 | 0.68 | 8.04 | 8.85 |
| 12/25/2022 2:00 | 14.50 | 404863.10 | 5.43 | 1.75 | 0.68 | 8.22 | 8.83 |
| 12/25/2022 3:00 | 14.49 | 405573.20 | 5.70 | 1.77 | 0.72 | 8.28 | 8.15 |
| 12/25/2022 4:00 | 14.50 | 406755.10 | 6.16 | 1.76 | 0.81 | 8.30 | 9.32 |
| 12/25/2022 5:00 | 14.53 | 406373.00 | 6.79 | 1.62 | 0.94 | 6.99 | 8.24 |
| 12/25/2022 6:00 | 14.54 | 406280.10 | 6.93 | 1.61 | 0.90 | 6.57 | 8.72 |
| 12/25/2022 7:00 | 14.56 | 406657.50 | 6.99 | 1.46 | 0.86 | 6.57 | 8.37 |
| 12/25/2022 8:00 | 14.59 | 405896.10 | 7.19 | 1.42 | 0.64 | 7.93 | 5.49 |
| 12/25/2022 9:00 | 14.61 | 404459.60 | 7.15 | 1.33 | 0.60 | 8.07 | 4.50 |
| 12/25/2022 10:00 | 14.62 | 407179.20 | 6.39 | 1.20 | 0.62 | 8.48 | 4.16 |
| 12/25/2022 11:00 | 14.61 | 395363.10 | 7.06 | 1.27 | 0.55 | 8.01 | 4.89 |
| 12/25/2022 12:00 | 14.60 | 398907.90 | 11.94 | 1.18 | 0.51 | 7.22 | 4.01 |
| 12/25/2022 13:00 | 14.58 | 384633.80 | 14.72 | 1.11 | 0.49 | 6.78 | 3.39 |
| 12/25/2022 14:00 | 14.57 | 382958.80 | 14.23 | 1.04 | 0.49 | 6.73 | 3.67 |
| 12/25/2022 15:00 | 14.57 | 382173.40 | 14.18 | 1.02 | 0.43 | 6.58 | 4.24 |
| 12/25/2022 16:00 | 14.57 | 384221.40 | 14.30 | 1.07 | 0.42 | 6.77 | 3.97 |
| 12/25/2022 17:00 | 14.79 | 354835.60 | 25.26 | 1.17 | 0.43 | 5.66 | 4.47 |
| 12/25/2022 18:00 | 14.91 | 322373.50 | 34.13 | 1.26 | 0.35 | 3.50 | 4.35 |
| 12/25/2022 19:00 | 14.93 | 326163.40 | 36.13 | 1.27 | 0.47 | 3.45 | 6.80 |
| 12/25/2022 20:00 | 14.93 | 324451.10 | 35.71 | 1.38 | 0.48 | 3.53 | 6.61 |
| 12/25/2022 21:00 | 14.77 | 366938.60 | 21.02 | 1.07 | 0.63 | 6.79 | 6.13 |
| 12/25/2022 22:00 | 14.57 | 402423.00 | 7.41 | 1.03 | 0.63 | 8.80 | 5.26 |
| 12/25/2022 23:00 | 14.58 | 400687.90 | 4.98 | 0.97 | 0.61 | 5.75 | 5.66 |

Site Name: GULF_NRV2
Stack Name: HRSG_STACK2
Periodically: 01/01/2022 00:00-31/01/2022 23:59

| Date & Time | Actual Operation Condition | | Emission Concentration for Standardization Comparison | | | | |
|------------------|----------------------------|-------------|---|----------------|------------------|---------------|--|
| | O2 | FLOW @1 ATM | HRSG1_NOx@7%O2 | HRSG1_SOx@7%O2 | HRSG1_Dust(7%O2) | HRSG1_CO@7%O2 | |
| | % | m3/hr | ppm | ppm | mg/m3 | ppm | |
| 12/26/2022 0:00 | 14.55 | 402696.10 | 4.85 | 1.10 | 0.63 | 7.12 | |
| 12/26/2022 1:00 | 14.52 | 403489.70 | 4.75 | 1.12 | 0.67 | 8.15 | |
| 12/26/2022 2:00 | 14.52 | 404948.90 | 4.30 | 1.35 | 0.61 | 8.26 | |
| 12/26/2022 3:00 | 14.52 | 405736.80 | 4.85 | 1.43 | 0.74 | 8.85 | |
| 12/26/2022 4:00 | 14.50 | 405600.30 | 4.32 | 1.50 | 0.90 | 9.27 | |
| 12/26/2022 5:00 | 14.50 | 407062.30 | 4.98 | 1.56 | 0.75 | 9.60 | |
| 12/26/2022 6:00 | 14.52 | 408006.60 | 5.35 | 1.48 | 0.93 | 9.48 | |
| 12/26/2022 7:00 | 14.54 | 407568.50 | 5.11 | 1.49 | 0.68 | 9.57 | |
| 12/26/2022 8:00 | 14.55 | 406228.90 | 4.61 | 1.55 | 0.70 | 9.68 | |
| 12/26/2022 9:00 | 14.97 | 326612.90 | 19.62 | 0.57 | 0.48 | 11.06 | |
| 12/26/2022 10:00 | 15.09 | 296894.10 | 29.71 | 0.30 | 0.40 | 4.21 | |
| 12/26/2022 11:00 | 15.12 | 298117.20 | 24.29 | 0.12 | 0.41 | 4.21 | |
| 12/26/2022 12:00 | 15.12 | 296194.40 | 20.18 | 0.33 | 0.45 | 4.47 | |
| 12/26/2022 13:00 | 14.90 | 350110.80 | 29.02 | 1.52 | 0.38 | 6.63 | |
| 12/26/2022 14:00 | 14.96 | 342575.90 | 29.04 | 1.42 | 0.37 | 6.33 | |
| 12/26/2022 15:00 | 14.90 | 335584.50 | 34.65 | 1.57 | 0.36 | 3.51 | |
| 12/26/2022 16:00 | 14.91 | 333760.90 | 33.86 | 1.45 | 0.38 | 3.53 | |
| 12/26/2022 17:00 | 14.89 | 329335.00 | 41.96 | 1.55 | 0.43 | 3.73 | |
| 12/26/2022 18:00 | 14.93 | 326808.10 | 32.68 | 1.49 | 0.47 | 3.62 | |
| 12/26/2022 19:00 | 14.94 | 326891.60 | 32.76 | 1.41 | 0.48 | 3.62 | |
| 12/26/2022 20:00 | 14.90 | 326416.60 | 35.18 | 1.66 | 0.48 | 3.41 | |
| 12/26/2022 21:00 | 14.92 | 324985.80 | 34.17 | 1.58 | 0.46 | 3.43 | |
| 12/26/2022 22:00 | 14.93 | 330599.30 | 32.29 | 1.38 | 0.48 | 4.02 | |
| 12/26/2022 23:00 | 14.57 | 398022.60 | 32.55 | 1.35 | 0.66 | 8.34 | |
| 12/27/2022 0:00 | 14.54 | 402141.40 | 8.30 | 1.40 | 0.71 | 4.72 | |
| 12/27/2022 1:00 | 14.54 | 402599.30 | 4.50 | 1.48 | 0.70 | 7.23 | |
| 12/27/2022 2:00 | 14.52 | 403026.00 | 4.97 | 1.62 | 0.74 | 7.06 | |
| 12/27/2022 3:00 | 14.52 | 404246.30 | 4.83 | 1.51 | 0.65 | 7.28 | |
| 12/27/2022 4:00 | 14.49 | 404297.50 | 3.92 | 0.79 | 0.69 | 8.02 | |
| 12/27/2022 5:00 | 14.48 | 405950.10 | 4.15 | 0.82 | 0.72 | 8.15 | |
| 12/27/2022 6:00 | 14.51 | 406069.60 | 4.18 | 0.86 | 0.93 | 7.57 | |
| 12/27/2022 7:00 | 14.52 | 406544.60 | 4.05 | 0.71 | 0.80 | 7.62 | |
| 12/27/2022 8:00 | 14.54 | 405588.90 | 3.61 | 0.68 | 0.71 | 7.96 | |
| 12/27/2022 9:00 | 14.72 | 369188.50 | 11.13 | 0.57 | 0.63 | 10.08 | |
| 12/27/2022 10:00 | 14.99 | 297431.70 | 23.58 | 0.46 | 0.54 | 12.17 | |
| 12/27/2022 11:00 | 15.07 | 294154.90 | 35.99 | 0.18 | 0.44 | 10.01 | |
| 12/27/2022 12:00 | 15.11 | 290368.90 | 17.79 | 0.19 | 0.63 | 4.36 | |
| 12/27/2022 13:00 | 14.89 | 340675.80 | 28.87 | 0.91 | 0.44 | 5.04 | |
| 12/27/2022 14:00 | 14.85 | 336173.00 | 32.16 | 0.94 | 0.40 | 3.41 | |
| 12/27/2022 15:00 | 14.85 | 334113.70 | 33.27 | 0.88 | 0.39 | 3.39 | |
| 12/27/2022 16:00 | 14.88 | 333786.60 | 32.49 | 0.82 | 0.40 | 3.37 | |
| 12/27/2022 17:00 | 14.89 | 333157.90 | 30.34 | 0.78 | 0.43 | 3.47 | |
| 12/27/2022 18:00 | 14.89 | 335052.30 | 29.93 | 0.87 | 0.47 | 3.39 | |
| 12/27/2022 19:00 | 14.89 | 330054.80 | 31.29 | 0.88 | 0.48 | 3.40 | |
| 12/27/2022 20:00 | 14.86 | 329463.00 | 33.90 | 1.10 | 0.46 | 3.50 | |
| 12/27/2022 21:00 | 14.87 | 330573.40 | 34.01 | 1.02 | 0.48 | 4.13 | |
| 12/27/2022 22:00 | 14.84 | 334912.90 | 35.90 | 1.18 | 0.49 | 7.14 | |
| 12/27/2022 23:00 | 14.51 | 400377.80 | 31.94 | 1.00 | 0.71 | 10.90 | |
| 12/28/2022 0:00 | 14.50 | 403577.80 | 31.73 | 1.08 | 0.63 | 8.24 | |
| 12/28/2022 1:00 | 14.48 | 402616.40 | 4.29 | 1.04 | 0.67 | 7.22 | |
| 12/28/2022 2:00 | 14.46 | 403759.90 | 5.50 | 1.16 | 0.59 | 8.73 | |
| 12/28/2022 3:00 | 14.47 | 404775.30 | 5.47 | 1.10 | 0.59 | 8.88 | |
| 12/28/2022 4:00 | 14.47 | 404775.30 | 5.47 | 1.15 | 0.59 | 8.85 | |
| 12/28/2022 5:00 | 14.48 | 404977.30 | 4.82 | 1.07 | 0.82 | 8.83 | |
| 12/28/2022 6:00 | 14.47 | 405409.70 | 5.74 | 1.12 | 0.81 | 9.91 | |
| 12/28/2022 7:00 | 14.50 | 406254.50 | 5.75 | 1.02 | 0.80 | 9.32 | |
| 12/28/2022 8:00 | 14.52 | 403945.50 | 4.83 | 1.08 | 0.81 | 9.24 | |
| 12/28/2022 9:00 | 14.55 | 401899.60 | 4.74 | 0.87 | 0.56 | 6.32 | |
| 12/28/2022 10:00 | 14.55 | 399648.80 | 2.86 | 0.83 | 0.55 | 6.77 | |
| 12/28/2022 11:00 | 14.54 | 392399.30 | 7.46 | 0.84 | 0.51 | 5.49 | |
| 12/28/2022 12:00 | 14.54 | 392591.50 | 10.69 | 0.89 | 0.47 | 4.50 | |
| 12/28/2022 13:00 | 14.82 | 349752.40 | 31.09 | 1.16 | 0.40 | 4.48 | |
| 12/28/2022 14:00 | 14.85 | 345249.70 | 35.61 | 1.10 | 0.41 | 4.89 | |
| 12/28/2022 15:00 | 14.91 | 339148.30 | 31.01 | 1.03 | 0.40 | 6.17 | |
| 12/28/2022 16:00 | 14.89 | 336229.30 | 31.01 | 0.92 | 0.39 | 4.24 | |
| 12/28/2022 17:00 | 14.85 | 333864.90 | 34.66 | 0.73 | 0.40 | 3.67 | |
| 12/28/2022 18:00 | 14.86 | 334204.70 | 34.30 | 0.70 | 0.43 | 3.81 | |
| 12/28/2022 19:00 | 14.90 | 333530.60 | 36.44 | 0.72 | 0.47 | 3.97 | |
| 12/28/2022 20:00 | 14.90 | 330925.00 | 45.39 | 0.88 | 0.47 | 4.47 | |
| 12/28/2022 21:00 | 14.89 | 329511.30 | 34.89 | 0.82 | 0.47 | 4.48 | |
| 12/28/2022 22:00 | 14.92 | 334699.60 | 31.25 | 0.73 | 0.47 | 6.80 | |
| 12/28/2022 23:00 | 14.55 | 393636.50 | 33.27 | 0.65 | 0.61 | 8.82 | |
| 12/29/2022 0:00 | 14.53 | 399992.80 | 8.80 | 0.62 | 0.56 | 6.13 | |
| 12/29/2022 1:00 | 14.49 | 402598.30 | 5.87 | 0.74 | 0.57 | 7.04 | |
| 12/29/2022 2:00 | 14.47 | 403651.80 | 4.55 | 0.95 | 0.56 | 7.70 | |