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September 29, 2023

Submitted Via DOE's Online Portal

Ms. Amy Sweeney, Director
Office of Regulation, Analysis and Engagement
Office of Fossil Energy and Carbon Management
Forrestal Building, FE-34
1000 Independence Ave. S.W.
Washington, D.C. 20585

Re: DOE Semi-Annual Report for Period of March 1, 2023, through August 31, 2023
Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC

FE Docket Nos. / Orders:

- 12-97-LNG / 3638
- 12-99-LNG / 3164
- 19-124-LNG / 4519 & 4799
- 18-78-LNG / 4277 & 4490¹

Corpus Christi Liquefaction, LLC; CCL Midscale 8-9, LLC and Cheniere Marketing, LLC

FE Docket Nos. / Orders:

- 23-46-LNG / 5019

Pursuant to the above-referenced Orders, Cheniere Marketing, LLC (“CMLLC”), Corpus Christi Liquefaction, LLC (“CCL”) and CCL Midscale 8-9, LLC (“CCL Midscale”) herein submit the semi-annual report for March 1, 2023, through August 31, 2023. This report includes a list of the items which have been filed during the reporting period relating to long-term contracts associated with the long-term export of LNG from the Corpus Christi LNG Terminal, as well as long-term gas supply contracts. Additionally, provided as **Attachment A** are the construction reports for the Corpus Christi Liquefaction Stage 3 Project that have been provided to the Federal Energy Regulatory Commission in Docket No. CP18-512-000 covering the reporting period.

- CMLLC, CCL and CCL Midscale submitted the following new long-term contract(s) associated with the long-term export of LNG from the Corpus Christi LNG Terminal during the reporting period:
 - On August 11, 2023, CMLLC entered into an agreement with BASF SE for the long-term sale and export of liquefied natural gas from the Corpus Christi LNG Terminal.
- CMLLC and CCL submitted the following new long-term contract(s) associated with the long-term export of LNG from the Corpus Christi LNG Terminal during the reporting period:
 - On June 21, 2023, CMLLC entered into an agreement with Equinor ASA for the long-term sale and export of liquefied natural gas from the Corpus Christi LNG Terminal.

¹ On July 5, 2022, CCL provided notice to the U.S. Department of Energy, Office of Fossil Energy and Carbon Management that a merger of Corpus Christi Liquefaction Stage III, LLC (“CCL Stage III”) into CCL occurred effective June 15, 2022. Therefore, as CCL is the surviving entity, the semi-annual report for FE Docket No. 18-78-LNG is provided herein and will be submitted by CCL on a go forward basis.

- On June 26, 2023, CMLLC entered into an agreement with ENN LNG (Singapore) Pte. Ltd. for the long-term sale and export of liquefied natural gas from the Corpus Christi LNG Terminal.
- CMLLC and CCL submitted the following new long-term gas supply contract(s) during the reporting period:
 - On March 22, 2023, CCL entered into a Transaction Confirmation with Engie Energy Marketing NA, Inc., governed by that certain NAESB Base Contract for Sale and Purchase of Natural Gas dated March 8, 2018, for an aggregated annual contract quantity approximating 18,000,000 MMBtu.

Should you have any questions about the instant filing, please feel free to contact the undersigned at (713) 375-5000.

Respectfully,



Karri Mahmoud
Cheniere Marketing, LLC and Corpus Christi Liquefaction, LLC

Attachment A

Construction reports for the Corpus Christi Liquefaction Stage 3 Project that have been provided to the Federal Energy Regulatory Commission in Docket No. CP18-512-000 covering the reporting period.

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
MARCH 2023
FERC DOCKET NO. CP18-512-000**

Corpus Christi Liquefaction Stage 3 Project
March 2023 Monthly Progress Report

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Corpus Christi Liquefaction Stage 3 Project
March 2023 Monthly Progress Report

1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of March 2023.

Stage 3 Engineering and Procurement are 49.5% and 41.8% complete, respectively. Subcontract and direct hire construction work are 37.1% and 3.4% complete, respectively. Overall project completion for the Stage 3 Project is 28.7%.

2.0 Project Highlights

During the month of March, CCL’s contractor continued early works activities and site preparation works including excavation, backfill and soil stabilization. Piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period. CCL’s contractor continued onboarding and training of its staff and subcontractors, focusing on safety and shifting to new work activities such as foundations and installation of underground pipe. The first material storage warehouse is completed, and the other two warehouses are planned for installation and occupation in the coming months. New Construction Management Trailers (CMTs) are being installed. Construction has completed all wick drain installations in Zone 2 and surcharge placement in Zone 2 is approximately 50% complete. To date, over 6,800 piles have been placed, and foundations in Train 1 have commenced. Deep Method Mixing (DMM) has begun in Train 1 sump area.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	7	90	4	22	0	1	0	0
Subcontractor	7	42	0	4	0	0	0	0
Total	14	132	4	26	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

Corpus Christi Liquefaction Stage 3 Project
March 2023 Monthly Progress Report

5.0 Construction

Area	Construction Activities in March	Planned Work for April
Liquefaction Trains Area	<ul style="list-style-type: none"> ▪ Continued road improvements and drainage work. ▪ Continued to recruit and mobilize construction professionals to support ramp up of construction activities. ▪ Continued installation of surcharge materials in Zone 2; with surcharge placements in Trains 5, 6, and 7. ▪ Continued setup of new CMT complex for Bechtel and Cheniere professional staff. ▪ Completed interior fit-out of the first warehouse location and commenced steel framework at the second warehouse location. ▪ Commenced soil stabilization activities in the West Drainage Ditch area. ▪ Completed wick drain installations in Train 7 and adjacent OSBL areas, thereby completing the wick drain program. ▪ Continued work surface preparations to support piling rig movements. ▪ Continued installation of RCP drains in East OSBL area. ▪ Continued installation of drilled displacement piles in Trains 1 and 2 and OSBL West and commenced in Train 3 and East OSBL area. ▪ Continued electrical duct bank installations in Train 1 and adjacent OSBL areas and commenced in the South OSBL area. ▪ Continued placement of concrete foundations and pedestals in OSBL West and completed the foundation concrete placement in the cryogenic rack area of Train 1, commencing on the concrete pedestals. Concrete preparation works continued in other areas of Train 1. ▪ Continued installation of underground HDPE pipe inside Train 1 footprint and continued in OSBL East and West. ▪ Commenced installation of amine underground pipe in the amine area of Train 1. ▪ Deep Method Mixing (DMM) activities continued in Train 1 sump areas. 	<ul style="list-style-type: none"> ▪ Continue to recruit and mobilize construction professionals to support ramp up of construction activities. ▪ Mobilize additional equipment for site preparation activities. ▪ Complete steel framework erection and commence fabric cover at the second warehouse location and commence foundation works at the third warehouse location. ▪ Continue monitoring settlement in the Train 7 test pad location. ▪ Complete interior fit-out at the first warehouse location and complete concrete foundation and commence steel structure erection at the second warehouse location. ▪ Continue setup and development of new CMT complex. ▪ Complete surcharge backfill installations in Train 6 and continue in Train 7 area. ▪ Continue work surface preparations to support piling rig movements. ▪ Continue pile installations in Trains 1, 2 and 3 and OSBL East and West areas and commence pile installations in OSBL South. ▪ Continue installation of electrical duct banks and manholes. ▪ Continue concrete foundations and pedestals in Train 1 and OSBL West and commence in the OSBL South area. ▪ Continue underground firewater pipe installations. ▪ Continue installation of underground amine pipe and commence testing. ▪ Complete DMM activities in Train 1 and commence in Train 2 area.

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Procurement Warehouse #2 Steel Frame Erection



Procurement Warehouse #1 ready for Receiving

Corpus Christi Liquefaction Stage 3 Project
March 2023 Monthly Progress Report



Underground Amine Pipe Installation in Train 1



DMM rig at Train 1 (Amine storage/ISBL containment sump)

Corpus Christi Liquefaction Stage 3 Project
March 2023 Monthly Progress Report



Train 1 Cryogenic Rack Area Foundations Complete and Pedestals in Progress



311B02 Compressor Foundation Rebar & Formwork

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

MONTHLY PROGRESS REPORT

APRIL 2023

FERC DOCKET NO. CP18-512-000

Corpus Christi Liquefaction Stage 3 Project
April 2023 Monthly Progress Report

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Corpus Christi Liquefaction Stage 3 Project
April 2023 Monthly Progress Report

1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of April 2023.

Stage 3 Engineering and Procurement are 53.6% and 43.3% complete, respectively. Subcontract and direct hire construction work are 39.9% and 3.8% complete, respectively. Overall project completion for the Stage 3 Project is 30.2%.

2.0 Project Highlights

During the month of April, CCL’s contractor continued early works activities and site preparation works including excavation, backfill and soil stabilization. Piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period.

Construction continues to focus on safety with an emphasis on shifting to new work activities such as foundations and underground pipe. Piling and Foundation activities continue on-site with Train 1 and Train 2 piles to be installed ahead of schedule.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	9	99	5	27	0	1	0	0
Subcontractor	3	45	0	4	0	0	0	0
Total	12	144	5	31	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

Corpus Christi Liquefaction Stage 3 Project
April 2023 Monthly Progress Report

5.0 Construction

Area	Construction Activities in April	Planned Work for May
Liquefaction Trains Area	<ul style="list-style-type: none"> • Continued road improvements and drainage work • Continued setup of new the Construction Management Trailer (CMT) complex professional staff • Completed steel framework and commenced fabric canopy installation at the second warehouse location • Continued installation of surcharge materials in Zone 2 • Continued soil stabilization activities in the West Drainage Ditch area and commenced soil stabilization in Zone 2b • Continued work surface preparations to support piling rig movements • Continued installation of RCP drains in East and West Outside Battery Limits (OSBL) • Continued installation of drilled displacement piles in Trains 1, 2 and 3 and the East and West Outside Battery Limits (OSBL), and commenced in the South OSBL area • Continued electrical ductbank installations in Train 1 and East, West and South Outside Battery Limits (OSBL) areas • Continued installation of underground HDPE pipe inside the Train 1 footprint and in the Outside Battery Limits (OSBL) East and West • Continued installation of amine underground pipe in the amine area of Train 1, and completed the first pipe test of package 1 of the amine underground pipe network • Continued placement of concrete foundations and pedestals in the West Outside Battery Limits (OSBL) and commenced in the South Outside Battery Limits (OSBL) • Completed concrete pedestals in the Cryo Rack area of Train 1. • Continue concrete foundation and pedestal placements in other areas of Train 1 • Completed DMM activities in the Train 1 sump areas and commenced in the Train 2 sump areas 	<ul style="list-style-type: none"> • Mobilize additional equipment for site prep activities • Complete fabric canopy cover at the second warehouse location and commence foundation works at the third warehouse location • Complete setup and development of new CMT complex and commence professional staff relocation to new complex • Complete surcharge backfill installations in Train 7 • Continue soil stabilization activities in Zone 2b and the West Drainage Ditch area • Continue work surface preparations to support piling rig movements • Continue pile installations in Trains 1, 2 and 3 and OSBL East, West and South areas • Continue installation of electrical duct banks and manholes • Continue concrete foundations and pedestals in Train 1 and OSBL West and South areas and commence concrete placements in Train 2 • Continue underground firewater pipe installations • Continue installation of underground amine pipe and commence testing • Continue DMM work in Train 2 and commence in the Process Spill Impoundment Basin

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Photo 1: New Construction Management Trailer (CMT) Complex Nearing Completion



Photo 2: Procurement Warehouse #1 and #2

Corpus Christi Liquefaction Stage 3 Project
April 2023 Monthly Progress Report



Photo 3: Train 1 Underground Amine Pipe



Photo 4: Concrete Foundations progress in OSBL South

Corpus Christi Liquefaction Stage 3 Project
April 2023 Monthly Progress Report



Photo 5: Train 1 Compressor Foundation progress



Photo 6: Train 1 Cold Box Foundations progress

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

MONTHLY PROGRESS REPORT

MAY 2023

FERC DOCKET NO. CP18-512-000

Corpus Christi Liquefaction Stage 3 Project
May 2023 Monthly Progress Report

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Corpus Christi Liquefaction Stage 3 Project
May 2023 Monthly Progress Report

1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of May 2023.

Stage 3 Engineering and Procurement are 57.8% and 49.4% complete, respectively. Subcontract and direct hire construction work are 43.1% and 4.2% complete, respectively. Overall project completion for the Stage 3 Project is 33.8%.

2.0 Project Highlights

During the month of May, CCL’s contractor continued early works activities and site preparation works including excavation, backfill and soil stabilization. Piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period.

Construction continues to focus on safety with an emphasis on shifting to new work activities such as steel erection, along with site activities in Zone 2B. Underground piping in Train 1 is forecasted to be complete and surcharge within Zone 2 to be complete ahead of schedule.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	5	104	6	33	0	1	0	0
Subcontractor	1	46	0	4	0	0	0	0
Total	6	150	6	37	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

Corpus Christi Liquefaction Stage 3 Project
May 2023 Monthly Progress Report

5.0 Construction

Area	Construction Activities in May	Planned Work for June
Liquefaction Trains Area	<ul style="list-style-type: none"> • Continued road improvements and drainage work • Completed relocation of Cheniere and Bechtel professional staff to the new Construction Management Trailer (CMT) complex • Completed fabric canopy installation at the second warehouse location and commenced concrete foundation works for the third warehouse location • Completed installation of surcharge materials in Zone 2 • Continued soil stabilization activities in the West Drainage Ditch area and commenced soil stabilization in Zone 2b • Continued work surface preparations to support piling rig movements • Continued installation of RCP drains in East and West Outside Battery Limits (OSBL) • Continued installation of drilled displacement piles in Trains 1, 2 and 3 and the East, West and South OSBL areas • Continued electrical ductbank installations in Train 1 and East, West and South OSBL areas • Continued installation of underground HDPE pipe inside the Train 1 footprint and in the OSBL East and West • Continued installation of amine underground pipe in the amine area of Train 1 and completed the gilsulate installation and backfill of package 1, the pipe installation and testing of package 2, and the pipe installation of package 3 • Continued placement of concrete foundations and pedestals in the West and South OSBL • Continued concrete foundation and pedestal placements in various areas of Train 1 and commenced concrete foundation placements in the cryo rack area of Train 2 • Completed DMM activities in the Train 2 sump areas and commenced in the Process Spill Impoundment Basin area • Completed piling for viewing platform 	<ul style="list-style-type: none"> • Continue to recruit and mobilize construction professionals to support ramp up of construction work fronts • Mobilize additional equipment for site prep activities • Complete concrete foundation works and commence steel frame erection at the third warehouse location • Continue setup and development of CMT trailer at CMT complex • Continue soil stabilization activities in Zone 2b and the West Drainage Ditch area • Continue wick drain installations in Zone 2b • Continue work surface preparations to support piling rig movements • Continue pile installations in Trains 1, 2 and 3 and OSBL East, West and South areas • Continue installation of electrical duct banks and manholes • Continue concrete foundations and pedestals in Trains 1 and 2 and in the West and South OSBL areas • Continue underground firewater pipe installations • Continue installation of underground amine pipe and commence testing • Commence installation of structural steel in the cryo rack area of Train 1 • Complete DMM work in the Process Spill Impoundment Basin and commence in Train 3 • Commence sheet pile installations at the Transfer Line Spill Impoundment Basin • Commence excavation and concrete activities at the trench crossing the South OSBL Heavy Haul Road

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Photo 1: New CMT Complex occupied



Photo 2: Procurement Warehouses #1 and #2 and foundation for Warehouse #3

Corpus Christi Liquefaction Stage 3 Project
May 2023 Monthly Progress Report



Photo 3: Fireproofed Steel on site



Photo 4: Concrete Foundations progress in Train 1

Corpus Christi Liquefaction Stage 3 Project
May 2023 Monthly Progress Report



Photo 5: Train 1 Compressor Foundation progress (311B02)



Photo 6: Soil Stabilization and Wick Drains in Zone 2b

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
JUNE 2023**

FERC DOCKET NO. CP18-512-000

Corpus Christi Liquefaction Stage 3 Project
June 2023 Monthly Progress Report

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Corpus Christi Liquefaction Stage 3 Project
June 2023 Monthly Progress Report

1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of June 2023.

Stage 3 Engineering and Procurement are 63.5% and 56.3% complete, respectively. Subcontract and direct hire construction work are 47.1% and 4.9% complete, respectively. Overall project completion for the Stage 3 Project is 38.1%.

2.0 Project Highlights

During the month of June, CCL’s contractor continued early works activities and site preparation works including excavation, backfill and soil stabilization. Piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period.

Construction continues to focus on safety, specifically regarding heat stress prevention and an increase in the number of open work fronts. Construction focused on the removal of surcharge in Zone 2. Mass excavation activities will commence in the Train 1 sumps, the impoundment basins and the large utility trench which runs under the Heavy Haul Road in the south. Concrete works will see a marked increase as more work fronts open up in Train 2 and the OSBL East. Steel erection in the Train 1 cryorack area will ramp up in preparation for installing double-jointed pipe scheduled to begin in August.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	3	107	14	47	0	1	0	0
Subcontractor	1	47	2	6	0	0	0	0
Total	4	154	16	53	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

Corpus Christi Liquefaction Stage 3 Project
June 2023 Monthly Progress Report

5.0 Construction

Area	Construction Activities in June	Planned Work for July
Liquefaction Trains Area	<ul style="list-style-type: none"> • Continued road improvements and drainage work • Completed construction and fit-out at the second warehouse location and commenced steel frame erection for the third warehouse location • Completed installation of surcharge materials in Zone 2 and commenced preparations for the start of surcharge removals in the southern side of Zone 2 • Continued soil stabilization activities in the West Drainage Ditch • Continued installation of vertical wick drains • Continued work surface preparations to support piling rig movements • Continued installation of RCP drains in East and West OSBL • Continued installation of drilled displacement piles in Trains 2, 3 and the East, West and South OSBL areas. Piling was completed in Train 1 footprint • Continued electrical ductbank installations in Train 1 footprint and East, West and South OSBL areas • Continued installation of underground HDPE pipe inside the Train 1 footprint and in the OSBL East and West areas and commenced in Train 2 footprint • Continued installation of amine underground pipe in the amine area of Train 1 and Train 2 • Continued placement of concrete foundations and pedestals in the West and South OSBL areas • Continued concrete foundation and pedestal placements in various areas of Trains 1 and 2 • Completed DMM activities in the Process Spill Impoundment Basin area and commenced in the Train 3 sump areas • Commenced installation of sheet piles at the Transfer Line Impoundment Basin area 	<ul style="list-style-type: none"> • Mobilize additional equipment for site prep activities • Continue steel frame erection at the third warehouse location and commence installation of fabric canopy • Continue setup and development of CMT trailer at CMT complex • Continue soil stabilization and wick drain installations • Continue work surface preparations to support piling rig movements • Continue pile installations in Trains 2 and 3 and OSBL East, West and South areas and commence pile installations in Train 4 • Continue installation of electrical duct banks and manholes • Continue concrete foundations and pedestals in Trains 1 and 2 and in the West and South OSBL areas. Commence concrete foundation and pedestal works in Train 2 and the OSBL East areas • Continue underground firewater pipe installations • Continue installation and testing of underground amine pipe • Continue installation of structural steel in the cryo rack area of Train 1 • Complete DMM work in Trains 3 and 4 • Continue sheet pile installations at the Transfer Line Spill Impoundment Basin • Commence excavation and concrete activities at the trench crossing the South OSBL Heavy Haul Road • Commence modification works to existing Heavy Haul Road

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Photo 1: Area 311A02 Compressor Foundation (Train 1)



Photo 2: Area 311A01 Structural Steel (Train 1)



Photo 3: Electrical Ductbank at Liquefaction Substation (Train 1)



Photo 4: Underground Amine Pipe Installation (Train 1)

Corpus Christi Liquefaction Stage 3 Project
June 2023 Monthly Progress Report



Photo 5: Area 322B01 Foundation progress (Train 2)



Photo 6: Area 322A01 Foundation Rebar (Train 2)

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

MONTHLY PROGRESS REPORT

JULY 2023

FERC DOCKET NO. CP18-512-000

Corpus Christi Liquefaction Stage 3 Project
July 2023 Monthly Progress Report

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Corpus Christi Liquefaction Stage 3 Project
July 2023 Monthly Progress Report

1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of July 2023.

Stage 3 Engineering and Procurement are 67.2% and 56.4% complete, respectively. Subcontract and direct hire construction work are 51.1% and 5.4% complete, respectively. Overall project completion for the Stage 3 Project is 39.1%.

2.0 Project Highlights

During the month of July, CCL’s contractor continued site preparation works including excavation, backfill and soil stabilization. Piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period.

Piling and sitework continued to progress in Trains 3, 4, and OSBL. Underground firewater piping in Train 2 is forecasted to be complete at the end of August, with amine pipe installation following closely behind. Fabrication and double-jointing of above ground piping commenced in Train 1 and will significantly increase throughout August. Structural steel erection continued in the Train 1 cryorack area.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	14	121	11	58	0	1	0	0
Subcontractor	0	47	0	6	0	0	0	0
Total	14	168	11	64	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

Corpus Christi Liquefaction Stage 3 Project
July 2023 Monthly Progress Report

5.0 Construction

Area	Construction Activities in July	Planned Work for August
Liquefaction – Zone 1 Train 1	<ul style="list-style-type: none"> • Continued electrical duct bank installations • Continued installation of underground HDPE pipe • Continued installation of underground amine piping • Continued concrete foundation placements and pedestal works • Continued installation of structural steel in the cryorack area • Commenced double-jointing pipe spools for the cryorack 	<ul style="list-style-type: none"> • Continue installation of electrical duct banks and manholes • Continue installation and testing of underground amine piping • Continue concrete foundations and pedestals • Continue installation of structural steel in the cryorack area • Commence installation of aboveground piping in cryorack • Commence setting of the cold boxes on concrete pedestals
Liquefaction – Zone 1 Train 2	<ul style="list-style-type: none"> • Continued installation of drilled displacement piles • Continued electrical duct bank installations • Continued installation of underground piping • Continued concrete foundation placements and pedestal works 	<ul style="list-style-type: none"> • Conclude drilled displacement piling installations • Continue installation of electrical duct banks • Continue installation of underground piping • Continue concrete foundations and pedestals
Liquefaction – Zone 1 Train 3	<ul style="list-style-type: none"> • Continued installation of drilled displacement piles • Completed deep mixing method activities in the Hot Oil Sump areas • Commenced excavations in the cryorack area to support upcoming concrete pours 	<ul style="list-style-type: none"> • Continue drilled displacement piling installations • Continue work surface preparations to support piling rig movements • Commence concrete foundation and pedestal works

Corpus Christi Liquefaction Stage 3 Project
July 2023 Monthly Progress Report

Area	Construction Activities in July	Planned Work for August
Liquefaction – Zone 2 Train 4	<ul style="list-style-type: none"> • Commenced deep mixing method activities in the Hot Oil Sump areas • Continued surcharge removals 	<ul style="list-style-type: none"> • Complete deep mixing method activities • Continue pile installations
Liquefaction – Zone 2 Train 5	<ul style="list-style-type: none"> • Commenced surcharge removals 	<ul style="list-style-type: none"> • Continue monitoring of surcharge and removal as settlement is achieved
Liquefaction – Zone 2 Trains 6-7	<ul style="list-style-type: none"> • Continued monitoring of surcharge settlement 	<ul style="list-style-type: none"> • Continue monitoring of surcharge and removal as settlement is achieved
OSBL Area East/West/South	<ul style="list-style-type: none"> • Continued installation of drilled displacement piles • Continued work surface preparations to support piling rig movements • Continued placement of concrete foundations and pedestal works • Continued installation of RCP drains in East and West OSBL • Continued electrical duct bank installations • Completed installation of underground HDPE pipe • Commenced installation of sheet piles at the Transfer Line Impoundment Basin area 	<ul style="list-style-type: none"> • Continue drilled displacement piling installations • Continue concrete foundation and pedestal works • Continue sheet pile installations at the Transfer Line Spill Impoundment Basin
Access Roads / Buildings / Other	<ul style="list-style-type: none"> • Continued road improvements and drainage work • Completed construction and fit-out at the second warehouse location and commenced steel frame erection for the third warehouse location • Commenced modification works to existing Heavy Haul Road 	<ul style="list-style-type: none"> • Mobilize additional equipment for site prep activities • Continue steel frame erection and installation of fabric canopy at the third warehouse location • Continue modification works to existing Heavy Haul Road

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6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Photo 1: Area 311L01 Amine Pipe Installation - Gilsulate 500XR design (Train 1)



Photo 2: Area 311F01 Foundations (Train 1)

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Photo 3: Area 311A01 Structural Steel (Train 1)



Photo 4: Duct bank installation (Train 2)

CORPUS CHRISTI LIQUEFACTION STAGE 3 PROJECT

Corpus Christi, Texas

**MONTHLY PROGRESS REPORT
AUGUST 2023**

FERC DOCKET NO. CP18-512-000

Corpus Christi Liquefaction Stage 3 Project
August 2023 Monthly Progress Report

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1.0 Executive Summary

On November 22, 2019, the Federal Energy Regulatory Commission (“FERC” or “Commission”) issued an Order Issuing Authority Under Section 3 and Section 7(c) of the Natural Gas Act (“NGA”) (“Order”) granting the necessary authorization to Corpus Christi Liquefaction (“CCL”) for the construction and operation of an expansion of the Corpus Christi Liquefaction Project (“Stage 3 Project”). This report covers activities for the Stage 3 Project during the month of August 2023.

Stage 3 Engineering and Procurement are 70.9% and 62.3% complete, respectively. Subcontract and direct hire construction work are 54.0% and 6.5% complete, respectively. Overall project completion for the Stage 3 Project is 42.8%.

2.0 Project Highlights

During the month of August, CCL’s contractor continued piling activities, road improvements, drainage work and mobilization of temporary facilities, equipment and personnel continued during the reporting period.

Construction commenced installation of aboveground piping and a new workstation was established for double jointing pipe. The first cold boxes arrived. Piling work is complete for Trains 1-3 and ongoing for the remaining four (4) Trains and OSBL areas. Steel installation is progressing on schedule in Train 1 and preparations are being made to commence steel installation in Train 2. Additionally, piling installation begun for the 138 kV overhead line transition yard and work on the overhead line poles commenced.

3.0 Environmental, Safety, and Health Progress

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹	Month	ITD ¹
Bechtel	20	141	15	73	0	1	0	0
Subcontractor	0	47	0	6	0	0	0	0
Total	20	188	15	79	0	1	0	0

1. ITD = Inception to Date.

4.0 Schedule

There are no changes to the construction schedule.

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5.0 Construction

Area	Construction Activities in August	Planned Work for September
Liquefaction – Zone 1 Train 1	<ul style="list-style-type: none"> • Continued double-jointing pipe spools for the cryo piperack and installed the first spools in the rack • Received Train 1 cold boxes • Completed electrical duct bank installations • Continued installation of underground amine piping • Continued concrete foundation placements and pedestal works • Continued installation of structural steel in the cryorack area 	<ul style="list-style-type: none"> • Continue installation and testing of underground amine piping • Continue concrete foundations and pedestals • Continue installation of structural steel in the cryorack area • Continue double-jointing and installation of pipe spools in the cryo piperack • Commence installation of aboveground piping in cryorack
Liquefaction – Zone 1 Train 2	<ul style="list-style-type: none"> • Completed installation of drilled displacement piles • Continued electrical duct bank installations • Continued installation of underground HDPE pipe • Continued installation of underground amine piping • Continued concrete foundation placements and pedestal works 	<ul style="list-style-type: none"> • Continue installation of electrical duct banks • Continue installation of underground piping • Continue concrete foundations and pedestals • Prepare foundations for the cold boxes
Liquefaction – Zone 1 Train 3	<ul style="list-style-type: none"> • Continued installation of drilled displacement piles • Continued excavations in the cryorack area to support upcoming concrete pours 	<ul style="list-style-type: none"> • Complete drilled displacement piling installations • Commence concrete foundation and pedestal works

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Area	Construction Activities in August	Planned Work for September
Liquefaction – Zone 2 Train 4	<ul style="list-style-type: none"> • Commenced installation of drilled displacement piles • Completed deep mixing method activities in the Hot Oil Sump • Continued surcharge removals 	<ul style="list-style-type: none"> • Continue surcharge removals • Continue pile installations
Liquefaction – Zone 2 Train 5	<ul style="list-style-type: none"> • Continued surcharge removals 	<ul style="list-style-type: none"> • Continue surcharge removal • Commence deep mixing method activities
Liquefaction – Zone 2 Trains 6-7	<ul style="list-style-type: none"> • Continued monitoring of surcharge settlement 	<ul style="list-style-type: none"> • Continue monitoring of surcharge and removal as settlement is achieved
OSBL Area East/West/South	<ul style="list-style-type: none"> • Continued installation of drilled displacement piles • Continued work surface preparations to support piling rig movements • Continued placement of concrete foundations and pedestal works • Continued installation of reinforced concrete pipe drains in East and West OSBL • Continued electrical duct bank installations • Commenced fabrication pipe spools for the underground feed gas line • Completed installation of sheet piles at the Transfer Line Impoundment Basin area 	<ul style="list-style-type: none"> • Continue drilled displacement piling installations • Continue concrete foundation and pedestal works • Continue installation of electrical duct banks and manholes • Continue underground firewater pipe installations • Continue installation and testing of underground feed gas line • Continued work surface preparations to support piling rig movements
Access Roads / Buildings / Other	<ul style="list-style-type: none"> • Continued road improvements and drainage work • Completed steel frame erection and commenced electrical and IT installation for the third warehouse location 	<ul style="list-style-type: none"> • Complete handover for occupancy of the third warehouse • Continue modification works to existing Heavy Haul Road

6.0 Permitting and Environmental

No updates to any environmental permits or the Emergency Response Plan for project construction were made during the reporting period.

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
None.	

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Photos



Photo 1: Area 311A01 Cryo Piperack — first spools in rack (Train 1)



Photo 2: 311G01 Utility Substation Pedestals (Train 1)

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Photo 3: Area 310R18 Pile Bushing (OSBL South)



Photo 4: Preparation for piperack foundation pedestals work and 48-inch feed gas line (OSBL West)

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Photo 5: Cold boxes arrival