

OWNER

Project Schedule

Level 3 Critical Path Schedule



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TORUS

[REDACTED], [REDACTED] County, [REDACTED]

N O T I C E

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ISSUE SUMMARY AND APPROVAL

This page records each issue of EST-SCH-001. The preparer, reviewer and approver sign for each revision.

Rev.	Date	Issue purpose	Description
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1. INTRODUCTION

This report presents the Level 3 critical path schedule for the from the Issued for Review package to final acceptance. It covers engineering and hold closure, permits, procurement of every long-lead item, the utility service, construction by area, the receiving pipeline operator's hot tap, hydrotest, commissioning, gas-in and the performance test. It is the time basis of the cost estimate (EST-EST-002) and of the cash flow (EST-SCH-002). The upstream lateral and the receiving pipeline operator's internal work are outside it except where they constrain the station.

From the data date of September 29, 2026, the station reaches its performance test and first custody delivery at rate on February 7, 2028, 342 working days (68.4 weeks) later, and final acceptance on March 6, 2028. Table 1-1 lists the milestones.

Table 1-1: Key Milestones

Milestone	Date
Issued for Review package (data date)	September 29, 2026
Issued for Construction package	March 15, 2027
Construction contract award	May 3, 2027
Contractor mobilizes	July 8, 2027
First critical lift (V-101)	August 23, 2027
Hydrotest complete	November 19, 2027
Mechanical completion	December 22, 2027
Gas-in	January 24, 2028
Performance test complete, first custody delivery at rate	February 7, 2028
Final acceptance	March 6, 2028

2. BASIS

The schedule is a critical path network with a forward and a backward pass. Durations are in working days on a five-day week with United States holidays; construction works 10 h per day, the same basis as the labor estimate. Procurement lead times are the midpoints of CON-LST-001, Long-Lead Procurement List, confirmed by no vendor yet (HOLD H-15). Each long-lead item has a request-for-quotation-to-award activity of six weeks (three weeks to bid, two to evaluate, one to award), issued at design approval or at the later dates in that list, followed by fabrication and delivery. Permit durations are the midpoints of REG-RPT-002, Permit and Approvals Matrix, starting at the Owner's authorization at the data date.

Construction durations come from the estimate man-hours, divided by the crew size and 10 h per day, as Table 2-1 shows. The piping man-hours are divided among the piping areas in proportion to their pipe diameter-feet from the line list. Two instrument crews are used for instrument installation, because a single crew would make that 33-day activity critical. The contractor is planned to mobilize about 11 weeks before the first major delivery and 9 weeks before spool material arrives, so that crews are not carried on site while waiting for equipment.

Table 2-1: Construction Durations from the Estimate Man-hours

Work	Man-hours	Crew size	Duration (working days)
Stormwater controls, clearing	170	9	2
Rough grading	648	9	8
Access road	238	9	3
Underground electrical and grounding	1,320	14	10
Cathodic protection	162	4	5
Foundations, inlet area	170	12	2
Foundations, meter skid	148	12	2
Foundations, line heater	304	12	3
Foundations, tank and vent	479	12	4
Foundations, buildings	200	12	2
Pipe support foundations	2,392	12	20
Canopy steel	258	7	4
Spool fabrication (shop)	1,375	8	18
Piping, inlet area	894	13	7
Piping, heater area	873	13	7
Piping, control valve and outlet	543	13	5
Outlet lateral	339	13	3

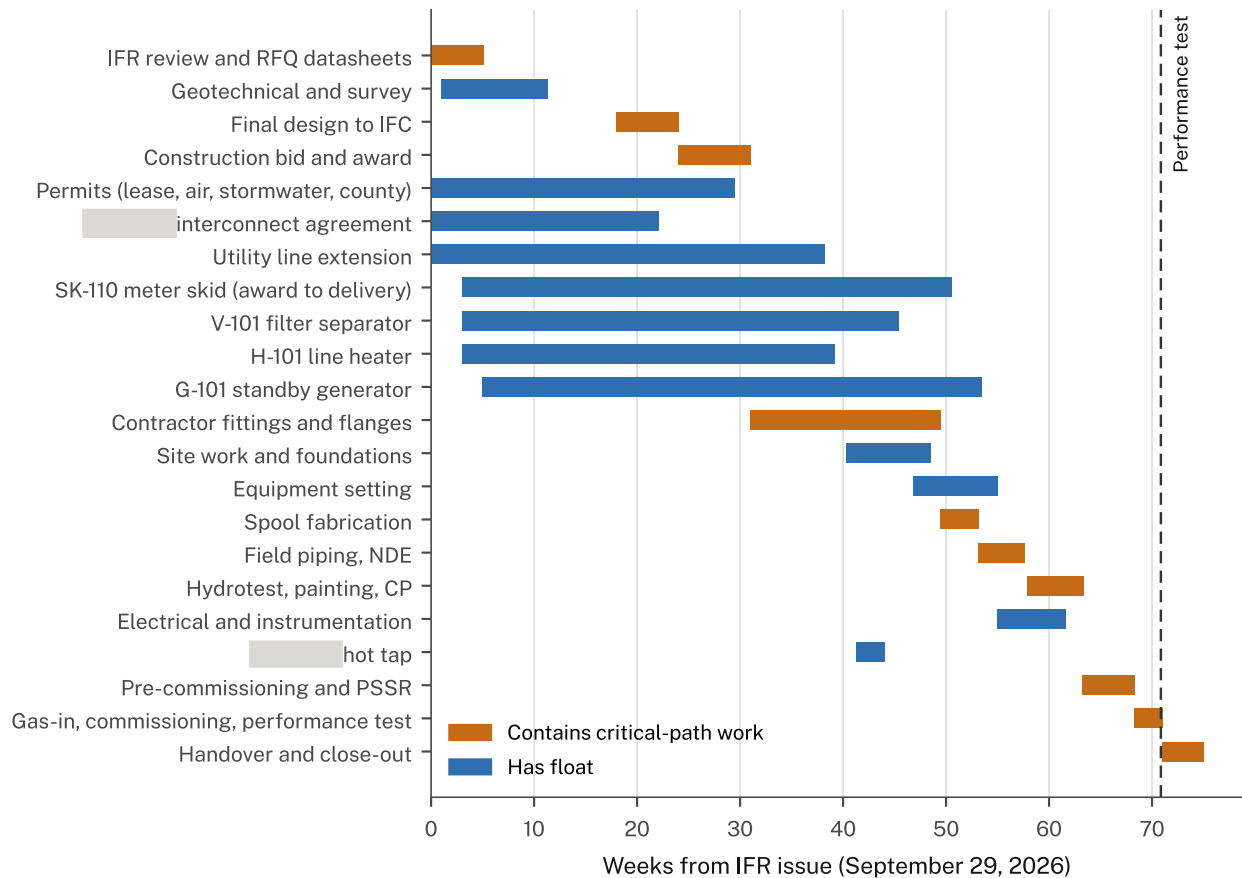
Work	Man-hours	Crew size	Duration (working days)
Vent header, drains, tank	1,397	13	11
Hydrotest (plus 5 days drying)	651	13	5
Painting and coating	480	4	11
Electrical equipment setting	269	7	4
Lighting and grounding	1,255	7	18
Cable and conduit	2,069	14	15
Instrument installation	1,965	12	17
Loop checks	695	6	12
Pre-commissioning support	741	13	6
Final tie-in	104	13	1
Final surfacing and restoration	390	9	5

At their early dates the construction activities peak at about 50 craft workers in the week of October 25, 2027.

3. SCHEDULE OVERVIEW

Figure 3-1 summarizes the schedule. The full Level 3 bar chart is drawing EST-DWG-001, Project Schedule Level 3 Gantt, in Appendix B, and the activity table is in Appendix A.

Figure 3-1. Summary Schedule



4. CRITICAL PATH

Table 4-1 lists the activities with zero total float from the data date to final acceptance.

Table 4-1: Critical Path

Activity	Duration (working days)	Start	Finish
IFR package issued (data date)	0	2026-09-29	2026-09-29
Owner and receiving-operator review of IFR package	15	2026-09-29	2026-10-19
RFQ-16 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16
Certified vendor drawings received (driver D1, 6 wk after PO)	0	2027-02-01	2027-02-01
HOLD closure and final design (foundations, piping, E&I) to IFC	30	2027-02-02	2027-03-15
IFC package issued, EOR seal (M1)	0	2027-03-15	2027-03-15
Construction bid, evaluation and award (RFQ-19)	35	2027-03-16	2027-05-03
CFM fittings MSS SP-75 and Class 900 flanges (Contractor, 18 wk)	90	2027-05-04	2027-09-09
Spool fabrication (contractor shop)	18	2027-09-10	2027-10-05
Piping area A1: inlet, PR-101, V-101, fuel take-off	7	2027-10-06	2027-10-14
Piping area A6: vent header, drains, T-101 manifold	11	2027-10-15	2027-10-29
NDE close-out, repairs, weld maps	5	2027-11-01	2027-11-05
Hydrotest TS-01A to TS-05, dewater and dry	10	2027-11-08	2027-11-19
Backfill, field joint coating, painting, soil-to-air wraps	11	2027-11-22	2027-12-08
CP installation, test stations, IJ tests	5	2027-12-09	2027-12-15
Mechanical completion walk-down, punch A closed	5	2027-12-16	2027-12-22
Pre-commissioning: SAT, BMS dry check, SIS validation (dry), UPS / ATS tests	15	2027-12-23	2028-01-14
PSSR and receiving-operator pre-gas-in review	2	2028-01-18	2028-01-19
N2 purge, N2 pre-pressurization and staged gas-in	3	2028-01-20	2028-01-24
Hot commissioning: heater light-off, analyzers on stream, first deliveries at low rate	5	2028-01-25	2028-01-31
Series meter verification, OPSS live proof test, performance test	5	2028-02-01	2028-02-07
Performance test complete; first custody delivery at rate (M6)	0	2028-02-07	2028-02-07
Handover, CP survey after 30 d polarization, records turnover	20	2028-02-08	2028-03-06



The critical path runs through the review of the Issued for Review package and the award of the analyzer shelter and control building, whose certified drawings are the last vendor data needed for the Issued for Construction package; through final design, the construction bid, and the contractor's 18-week lead time on high-yield fittings; and then through spool fabrication, the inlet and vent-and-drain piping, NDE, hydrotest, painting, cathodic protection, mechanical completion, pre-commissioning, the pre-startup safety review, gas-in, commissioning and the performance test.

Three conclusions follow. First, the fittings are the one controllable item on the path: if the Owner buys them at design approval (alternate ALT-3 in EST-EST-004), the performance test moves 2.8 weeks earlier and the standby generator and meter skid deliveries become the controlling items. Second, the utility service and the hot tap are not critical, provided the utility application is filed at design approval and the hot tap is booked at Issued for Construction. Third, gas-in falls in late January, so the plan carries nitrogen purge and pre-pressurization of the station before gas is admitted, because throttled winter gas would otherwise fall below the minimum design metal temperature. Table 4-2 lists the near-critical activities, those with 15 working days of float or less.

Table 4-2: Near-critical Activities

Activity	Total float (working days)	Early finish
Piping area A3: meter outlet to H-101 and heater bypass	3	2027-10-14
Piping area A4: control valves, OPSS, outlet to IJ-102	3	2027-10-21
Piping area A5: outlet lateral 1042 in the receiving-operator ROW	3	2027-10-26
Receiving-operator technical requirements received (H-01, H-04, H-13, H-14)	10	2027-01-18
P-01 receiving-operator technical review of design (part of IOA)	10	2027-01-18
RFQ-02 RFQ, bids, evaluation and award	10	2026-12-02
RFQ-04 RFQ, bids, evaluation and award	10	2026-12-02
RFQ-05 RFQ, bids, evaluation and award	10	2026-12-02
Demobilize and restore laydown	10	2028-02-21
Instrument installation, tubing, analyzer sample system	13	2027-11-15
Loop checks and calibration (Contractor, 192 I/O)	13	2027-12-03
RFQ-02 Meter skid SK-110 (40 wk incl. meter integration and FAT)	14	2027-09-16
Set SK-110 meter skid (critical lift)	14	2027-09-20
As-built drawings and records (after mechanical completion)	15	2028-02-14

5. SCHEDULE RISK

The risk analysis in EST-EST-003 ran the schedule through 20,000 iterations with ranged lead times, productivity and permit durations and the discrete risks. The performance test is reached by March 17, 2028 at P50 and March 30, 2028 at P80. The assessment assumes the assume-presence path for the American burying beetle; a presence and absence survey would be confined to the late-May to September window.

6. CONCLUSIONS AND NEXT STEPS

The station can be in service on February 7, 2028, about 68 weeks after the Issued for Review package, and by the end of March 2028 with 80 % confidence. To hold that date the Owner should approve the design and release the early requests for quotation promptly, file the utility application and the interconnect request at once, and buy the fittings early. The schedule will be rebaselined with vendor lead times at Issued for Construction.

APPENDIX A. ACTIVITY TABLE



Table A-1: Engineering Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
E000	IFR package issued (data date)	0	2026-09-29	2026-09-29	0	
E010	Owner and receiving-operator review of IFR package	15	2026-09-29	2026-10-19	0	E000
E030	Topographic and boundary survey (H-02, H-03)	20	2026-10-06	2026-11-02	30	E000 +5
E020	Incorporate IFR comments; issue RFQ datasheets	10	2026-10-20	2026-11-02	60	E010
E040	Geotechnical investigation and report (H-07)	40	2026-10-20	2026-12-16	30	E030 SS +10
E050	Soil resistivity and AC interference survey (H-08)	15	2026-10-27	2026-11-16	50	E040 SS +5
E060	Receiving-operator technical requirements received (H-01, H-04, H-13, H-14)	0	2027-01-18	2027-01-18	10	R090A
E070	Certified vendor drawings received (driver D1, 6 wk after PO)	0	2027-02-01	2027-02-01	0	P05A +30, P04A +30, P02A +30, P16A +30, P03A +30
E080	HOLD closure and final design (foundations, piping, E&I) to IFC	30	2027-02-02	2027-03-15	0	E020, E040, E050, E060, E070
E090	IFC package issued, EOR seal (M1)	0	2027-03-15	2027-03-15	0	E080
E100	Construction bid, evaluation and award (RFQ-19)	35	2027-03-16	2027-05-03	0	E090
E110	Contractor pre-construction submittals	10	2027-05-04	2027-05-17	57	E100
E120	As-built drawings and records (after mechanical completion)	20	2028-01-18	2028-02-14	15	K020

Table A-2: Permitting Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
R010	E-05 Lease, access easement, temporary workspace	60	2026-09-29	2026-12-23	157	E000

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
R020	E-01 USFWS IPaC species list	8	2026-09-29	2026-10-08	141	E000
R040	E-04 OAS / SHPO records check	15	2026-09-29	2026-10-19	174	E000
R050	H-17 stormwater permitting authority determination	20	2026-09-29	2026-10-26	169	E000
R070	P-06 192.8 determination (H-18)	40	2026-09-29	2026-11-23	322	E000
R090	P-01 Interconnect and Operating Agreement signed	105	2026-09-29	2027-03-01	222	E000
R120	U-01 Electric service application and load letter	10	2026-09-29	2026-10-12	125	E000
R030	E-02 ABB evaluation: assume-presence 4(d) path decision and compliance statement	40	2026-10-09	2026-12-07	141	R020
R060	A-01 air applicability / PBR registration (updated emissions inventory)	70	2026-10-13	2027-01-25	137	E000 +10
R090A	P-01 receiving-operator technical review of design (part of IOA)	60	2026-10-20	2027-01-18	10	E010
R140	C-01 FCC licence (900 MHz) after path survey	60	2026-12-03	2027-03-01	257	E020 +20
R150	B-01 Building plan review B-101 / B-102	30	2027-02-02	2027-03-15	161	E070
R055	W-01 SWPPP update, NOI and coverage effective	28	2027-03-16	2027-04-22	74	R050, R030, R040, E090
R080	T-01 County driveway permit and road use agreement	20	2027-03-16	2027-04-12	82	E090
R085	P-04 registration / construction notification	15	2027-03-16	2027-04-05	87	E090
R100	P-02 Hot tap slot booked (receiving-operator crew slot)	80	2027-03-16	2027-07-07	119	E090
R110	P-03 ROW encroachment / crossing agreement	40	2027-03-16	2027-05-10	118	E090
R130	W-07 deep anode well registration (H-19)	30	2027-03-16	2027-04-26	152	E090
R170	T-02 / T-03 and county OS/OW permits (heavy loads)	10	2027-05-25	2027-06-08	187	P05A +120
R160	W-03 / W-04 Hydrotest water source and disposal authorization	30	2027-07-27	2027-09-07	43	C040

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
R180	W-06 SPCC plan prepared and implemented	15	2027-12-23	2028-01-14	0	K010
R190	B-02 Pressure vessel registration / exemption confirmation	15	2027-12-23	2028-01-14	0	K010
R200	A-04 OOOOb records; A-02 T-101 throughput limit in force	10	2027-12-23	2028-01-07	40	R060, K010

Table A-3: Utility Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
R125	U-01 Cooperative engineering, easement, transformer supply and line extension (HOLD H-10)	175	2026-10-13	2027-06-22	125	R120
C440	Utility energization by cooperative	2	2027-11-09	2027-11-10	28	R125, C410

Table A-4: Procurement Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
P01A	RFQ-01 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	137	E010
P02A	RFQ-02 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	10	E010
P04A	RFQ-04 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	10	E010
P05A	RFQ-05 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	10	E010
P09A	RFQ-09 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	38	E010
P09MA	RFQ-09 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	88	E010
P11A	RFQ-11 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	48	E010
P14A	RFQ-14 RFQ, bids, evaluation and award	30	2026-10-20	2026-12-02	95	E010
P03A	RFQ-03 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16	0	E010 +10
P06A	RFQ-06 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16	66	E010 +10
P10A	RFQ-10 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16	113	E010 +10

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
P16A	RFQ-16 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16	0	E010 +10
P17A	RFQ-17 RFQ, bids, evaluation and award	30	2026-11-03	2026-12-16	16	E010 +10
P07A	RFQ-07 RFQ, bids, evaluation and award	30	2026-11-17	2027-01-04	76	E010 +20
P12A	RFQ-12 RFQ, bids, evaluation and award	30	2026-11-17	2027-01-04	103	E010 +20
P13A	RFQ-13 RFQ, bids, evaluation and award	30	2026-11-17	2027-01-04	108	E010 +20
P01D	RFQ-01 Ultrasonic meters: fabricate and flow calibrate (31 + 5 wk)	180	2026-12-03	2027-08-18	137	P01A
P02D	RFQ-02 Meter skid SK-110 (40 wk incl. meter integration and FAT)	200	2026-12-03	2027-09-16	14	P02A
P04D	RFQ-04 Line heater H-101 with SIL 2 BMS	145	2026-12-03	2027-06-29	68	P04A
P05D	RFQ-05 Filter separator V-101	175	2026-12-03	2027-08-11	36	P05A
P08A	RFQ-08 RFQ, bids, evaluation and award	30	2026-12-03	2027-01-18	118	E010 +30
P09D	RFQ-09 Actuated SDVs NPS 12 with EH actuators	175	2026-12-03	2027-08-11	38	P09A
P09MD	RFQ-09 Manual API 6D valves, CKV-171, SDV-106/141	125	2026-12-03	2027-06-01	88	P09MA
P11D	RFQ-11 Control valves FCV-131/132, LCV-104	175	2026-12-03	2027-08-11	48	P11A
P14D	RFQ-14 Line pipe NPS 6 to 16 with FBE	100	2026-12-03	2027-04-26	95	P14A
P18A	RFQ-18 RFQ, bids, evaluation and award	30	2026-12-03	2027-01-18	148	E010 +30
P03D	RFQ-03 Analyzer shelter B-101 with GC and analyzers	135	2026-12-17	2027-06-29	86	P03A
P06D	RFQ-06 Pig receiver PR-101	135	2026-12-17	2027-06-29	66	P06A
P10D	RFQ-10 Safety PLC, RTU, FQI-110 panels (incl. FAT)	115	2026-12-17	2027-06-01	113	P10A
P16D	RFQ-16 Control and electrical building B-102	140	2026-12-17	2027-07-07	81	P16A
P17D	RFQ-17 Standby generator G-101 with ATS	205	2026-12-17	2027-10-07	16	P17A

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
P07D	RFQ-07 Fuel gas skid FG-101 and E-161	115	2027-01-05	2027-06-15	76	P07A
P12D	RFQ-12 Insulating joints IJ-101/102	90	2027-01-05	2027-05-10	103	P12A
P13D	RFQ-13 Relief valves	85	2027-01-05	2027-05-03	108	P13A
P08D	RFQ-08 T-101 tank and VS-101 vent stack	70	2027-01-19	2027-04-26	118	P08A
P18D	RFQ-18 Instruments, transmitters, gas detectors	60	2027-01-19	2027-04-12	148	P18A
P20D	CFM fittings MSS SP-75 and Class 900 flanges (Contractor, 18 wk)	90	2027-05-04	2027-09-09	0	E100
P21D	CFM flanges, S1 stainless, small-bore, gaskets, bolting (Contractor, 13 wk)	65	2027-05-04	2027-08-04	25	E100
P22D	CFM electrical and instrument bulks (Contractor, 11 wk)	55	2027-05-04	2027-07-21	80	E100

Table A-5: Construction Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
C010	Mobilization window: about 11 weeks before first major delivery and 9 weeks before spool material	0	2027-07-07	2027-07-07	22	E110, P05D-55, P20D-45, R010, R055, R060, R080, R085
C020	OKIE811 locates, receiving-operator line locate, survey control and staking	5	2027-07-08	2027-07-14	22	C010
C030	Mobilize, field office, temporary power, laydown	5	2027-07-15	2027-07-21	22	C020
C040	SWPPP BMPs, clearing and grubbing	3	2027-07-22	2027-07-26	22	C030
C050	Access road, culvert CUL-1, cattle guard	3	2027-07-27	2027-07-29	151	C040
C060	Rough grading, subgrade prep, ditches	8	2027-07-27	2027-08-05	22	C040
C070	Underground: grounding grid, duct banks, CP headers	10	2027-08-06	2027-08-19	59	C060
C075	CP deep anode well drilling and anode installation (subcontract)	5	2027-08-06	2027-08-12	81	C060, R130

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
C150	Perimeter fence and gates (subcontract)	10	2027-08-06	2027-08-19	136	C060
C1A1	Foundations: Inlet area (V-101, PR-101, FG-101)	2	2027-08-06	2027-08-09	31	C060
C1A2	Foundations: Meter skid and canopy	2	2027-08-06	2027-08-09	31	C060
C1A3	Foundations: Line heater H-101	3	2027-08-06	2027-08-10	30	C060
C1A6	Foundations: T-101 containment, VS-101, bollards	4	2027-08-06	2027-08-11	29	C060
C1A7	Foundations: Buildings B-101/B-102, G-101, XF-101, mast	2	2027-08-06	2027-08-09	31	C060
C1PS	Foundations: Pipe support foundations (all areas)	20	2027-08-06	2027-09-02	22	C060
C130	Foundation cure, anchor-bolt survey	7	2027-08-12	2027-08-20	29	C1A1, C1A2, C1A3, C1A6, C1A7
C200	Set V-101 (critical lift, 200 t class crane)	2	2027-08-23	2027-08-24	29	P05D, C130
C205	Set PR-101 and FG-101 / E-161	2	2027-08-23	2027-08-24	29	P06D, P07D, C130
C210	Set H-101 (critical lift, governs crane)	3	2027-08-23	2027-08-25	31	P04D, C130
C235	Set T-101 and VS-101	2	2027-08-23	2027-08-24	36	P08D, C130
C300	Spool fabrication (contractor shop)	18	2027-09-10	2027-10-05	0	E110, P14D, P20D, P21D
C230	Set SK-110 meter skid (critical lift)	2	2027-09-17	2027-09-20	14	P02D, C130
C140	Canopy structural steel and roof deck	4	2027-09-21	2027-09-24	111	C1A2 +7, C230
C310	Piping area A1: inlet, PR-101, V-101, fuel take-off	7	2027-10-06	2027-10-14	0	C200, C205, C300, P09D, P09MD, P12D, P13D, C1PS
C320	Piping area A3: meter outlet to H-101 and heater bypass	7	2027-10-06	2027-10-14	3	C210, C230, C300, P09MD
C240	Set B-101, B-102, G-101 / ATS	7	2027-10-08	2027-10-18	16	P03D, P16D, P17D, C130, R150

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
C330	Piping area A4: control valves, OPSS, outlet to IJ-102	5	2027-10-15	2027-10-21	3	C320, P11D, P09D
C350	Piping area A6: vent header, drains, T-101 manifold	11	2027-10-15	2027-10-29	0	C235, C310
C400	Electrical installation: lighting, lightning protection, grounding above grade	18	2027-10-19	2027-11-11	22	C240, C070
C410	Power and control cabling, conduit, hazardous-area sealing	15	2027-10-19	2027-11-08	18	C240, C070, P22D
C340	Piping area A5: outlet lateral 1042 in the receiving-operator ROW	3	2027-10-22	2027-10-26	3	R110, C330, P12D
C420	Instrument installation, tubing, analyzer sample system	17	2027-10-22	2027-11-15	13	C330 SS +5, C240, P18D, P10D
C360	NDE close-out, repairs, weld maps	5	2027-11-01	2027-11-05	0	C310, C320, C330, C340, C350
C370	Hydrotest TS-01A to TS-05, dewater and dry	10	2027-11-08	2027-11-19	0	C360, R160
C380	Backfill, field joint coating, painting, soil-to-air wraps	11	2027-11-22	2027-12-08	0	C370
C430	CP installation, test stations, IJ tests	5	2027-12-09	2027-12-15	0	C075, C380
C450	Final surfacing, seeding and restoration	5	2027-12-09	2027-12-15	55	C380, C410
K110	Demobilize and restore laydown	5	2028-02-15	2028-02-21	10	K090 +5

Table A-6: Commissioning Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
K015	Loop checks and calibration (Contractor, 192 I/O)	12	2027-11-16	2027-12-03	13	C410, C420
K050	Final connection to tap valve flange, leak test of final joints	2	2027-11-22	2027-11-23	36	C370, K040
K010	Mechanical completion walk-down, punch A closed	5	2027-12-16	2027-12-22	0	C380, C400, C410, C420, C430

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
K020	Pre-commissioning: SAT, BMS dry check, SIS validation (dry), UPS / ATS tests	15	2027-12-23	2028-01-14	0	K010, K015, C440
K030	PSSR and receiving-operator pre-gas-in review	2	2028-01-18	2028-01-19	0	K020, R090, R180, R190
K060	N2 purge, N2 pre-pressurization and staged gas-in	3	2028-01-20	2028-01-24	0	K030, K050
K070	Hot commissioning: heater light-off, analyzers on stream, first deliveries at low rate	5	2028-01-25	2028-01-31	0	K060
K080	Series meter verification, OPSS live proof test, performance test	5	2028-02-01	2028-02-07	0	K070
K090	Performance test complete; first custody delivery at rate (M6)	0	2028-02-07	2028-02-07	0	K080
K100	Handover, CP survey after 30 d polarization, records turnover	20	2028-02-08	2028-03-06	0	K090
K120	Project complete (final acceptance)	0	2028-03-06	2028-03-06	0	K100, K110, E120, C450, R200

Table A-7: Receiving operator Activities

ID	Activity	Dur.	Early start	Early finish	Float	Predecessors
K040	hot tap: 2-week window and execution	13	2027-07-15	2027-08-02	114	R100, C020

Note: durations and float are in working days; relationships are finish-to-start unless marked SS (start-to-start), with any lag in working days.

APPENDIX B. LEVEL 3 GANTT CHART



