

Tentative Corps Outage Schedule for CY 2020

Start Date	End Date	Project	Unit #	Description
15-Nov-19	15-Jul-20	GP	3	Unit 3 Cavitation liner upgrade contract
20-Apr-20	14-May-20	FR	3	Unit Maintenance, HRG install, PPCS RTU
27-Apr-20	15-May-20	FP	2	Annual Maintenance/Warranty Inspection
27-Apr-20	30-Apr-20	GP	1,2	Rolling outage unit 1,2 to clean debris from intake
04-May-20	21-May-20	BB	1	Unit Maintenance
04-May-20	22-May-20	OA	2 thru 5	Rolling outage, Units 2,3,4,5 PPCS Upgrade
11-May-20	21-May-20	BB	1-8	Intake Gate Maintenance/Structural Inspections - Routine "C" Gates (May be moved) - No Outages Required
11-May-20	14-May-20	BB	1 thru 8	No Scheduled Doble Testing - 2020 Time Slot Reserved
01-Jun-20	11-Jun-20	BB	N/A	Spillway Gate 1-8 Maintenance - No Outages Required
03-Jun-20	03-Jun-20	OA	3	Unit 3 Black Start
08-Jun-20	26-Jun-20	FP	1,2,3	Unit #2 Special testing/ Will require Outages on Units 1 and 3 to Support-Separate attachment
Summer	Summer	OA	Switchyard	Switchyard Breaker Inspection
Summer	Summer	OA	Switchyard	Switchyard Glass Insulator Replacement
TBD	TBD	FP	1 thru 5	Kestral Testing, rolling Unit UA-Schedule attachment
19-Aug-20	8/19/2020	BB	3-4	Unit 4 Black Start
24-Aug-20	27-Aug-20	GA	1 thru 5	Doble Test GSU Transformers
31-Aug-20	03-Sep-20	BB	8	Unit Inspection
31-Aug-20	09-Oct-20	OA	1	Unit 1 Digital Gov Install / inspection Thrust Bearing Coolers
01-Sep-20	09-Oct-20	FR	5	Unit Maintenance, Governor Replacement
01-Sep-20	31-Oct-20	GA	Lines	Functional Testing of Transmission and Bus Relays
08-Sep-20	25-Sep-20	FP	4	Annual Maintenance
08-Sep-20	17-Sep-20	GA	5	Unit Maintenance
14-Sep-20	01-Oct-20	BB	7	Unit Maintenance
21-Sep-20	24-Sep-20	GA	2	Unit Inspection, MFL inspection Surge Tank floors
28-Sep-20	16-Oct-20	FP	PP#1	Plant #1 outage for Power Tunnel Inspection/Butterfly Valve NDE
28-Sep-20	01-Oct-20	GA	1	Unit Inspection
05-Oct-20	16-Oct-20	FP	Swd #1	KV7A Doble and Functional Test
05-Oct-20	15-Oct-20	GA	3	Unit Maintenance
13-Oct-20	30-Oct-20	BB	5	Unit Maintenance
13-Oct-20	04-Dec-20	FR	6	Unit Maintenance, Governor Replacement
19-Oct-20	06-Nov-20	FP	5	Annual Maintenance
19-Oct-20	05-Nov-20	GA	4	Unit Maintenance, swap main leads
19-Oct-20	30-Oct-20	OA	2	Unit 2 Unit Maint
02-Nov-20	05-Nov-20	BB	6	Unit Inspection
02-Nov-20	13-Nov-20	OA	5	Unit 5 Unit Maint
10-Nov-20	10-Nov-20	GA	1&2	Black Start Exercise Review
16-Nov-20	15-May-21	GP	2	Unit 2 Cavitation liner upgrade contract
16-Nov-20	20-Nov-20	OA	6	Unit 6 Unit inspection
23-Nov-20	27-Nov-20	OA	3	Unit 3 Unit Inspection
01-Dec-20	22-Jan-21	FR	7	Unit Inspection, Governor Replacement
07-Dec-20	05-Feb-21	FR	8	Unit Inspection, Governor Replacement

Tentative Corps Outage Schedule for CY 2021

Start Date	End Date	Project	Unit #	Description
16-Nov-20	15-May-21	GP	2	Unit 2 Cavitation liner upgrade contract
01-Dec-20	22-Jan-21	FR	7	Unit Inspection, Governor Replacement
07-Dec-20	05-Feb-21	FR	8	Unit Inspection, Governor Replacement
25-Jan-21	12-Mar-21	FR	4	Unit Inspection, Governor Replacement
15-Feb-21	02-Apr-21	FR	2	Unit Maintenance, Governor Replacement
21-Feb-21	25-Mar-21	GP	1	Unit 1 Annual maintenance outage - requires power from grid
01-Mar-21	04-Mar-21	BB	3	Unit Inspection
01-Mar-21	11-Mar-21	OA	5	Unit 5 Inspection / Thrust bearing cooler piping replacement
15-Mar-21	30-Apr-21	FR	3	Unit Inspection, Governor Replacement
15-Mar-21	01-Apr-21	BB	4	Unit Maintenance
22-Mar-21	01-Apr-21	OA	7	Unit 7 Inspection / Thrust bearing cooler piping replacement
29-Mar-21	29-Apr-21	GP	3	Unit 3 Annual maintenance outage
05-Apr-21	08-Apr-21	GA	5	Unit Inspection
12-Apr-21	28-May-21	FR	1	Unit Maintenance, Governor Replacement
12-Apr-21	16-Apr-21	BB	1	Unit Inspection
12-Apr-21	29-Apr-21	OA	1	Unit 1 Maint / Thrust bearing cooler piping replacement
12-Apr-21	22-Apr-21	GA	1	Unit Maintenance
26-Apr-21	13-May-21	BB	2	Unit Maintenance
26-Apr-21	29-Apr-21	GA	4	Unit Inspection
26-Apr-21	05-Nov-21	FP	Swd#1	Bank 4 Relacement?
26-Apr-21	05-Nov-21	FP	Swd#1	Bank 2 Replacement?
03-May-21	06-May-21	GP	1,2,3	Rolling outage unit 1,2,3 to clean debris from intake
10-May-21	13-May-21	BB	1 thru 8	No Scheduled Doble Testing - 2021 Time Slot Reserved
10-May-21	27-May-21	OA	3	Unit 3 Maint / Thrust bearing cooler piping replacement
31-May-21	17-Jun-21	BB	1-8	Intake Gate Maintenance/Structural Inspections - Routine "A" Gates (May be moved) - No Outages Required
09-Jun-21	30-Jul-21	FP	1	Annual Maintenance and Digital Governor/HRG Installation
28-Jun-21	22-Jul-21	BB	N/A	Spillway Gate 1-8 Maintenance - No Outages Required
02-Aug-21	29-Oct-21	FR	1&2	GSU replacement - A Bank
02-Aug-21	21-Sep-21	FP	3	Annual Maintenance and Digital Governor/HRG Installation
18-Aug-21	18-Aug-21	BB	3-4	Black Start - Tabletop - No Outages Required
23-Aug-21	26-Aug-21	GA	SS	Doble Test Station Service
30-Aug-21	02-Sep-21	BB	5	Unit Inspection
30-Aug-21	29-Oct-21	GA	Lines	Functional Testing of Transmission and Bus Relays
07-Sep-21	16-Sep-21	OA	4	Unit 4 Inspection / Thrust bearing cooler piping replacement
13-Sep-21	30-Sep-21	BB	6	Unit Maintenance
13-Sep-21	16-Sep-21	GA	3	Unit Inspection
20-Sep-21	30-Sep-21	GA	2	Unit Maintenance
22-Sep-21	15-Nov-21	FP	2	Annual Maintenance and Digital Governor/HRG Installation
27-Sep-21	14-Oct-21	OA	2	Unit 2 Maint / Thrust bearing cooler piping replacement
18-Oct-21	21-Oct-21	BB	7	Unit Inspection
25-Oct-21	10-Nov-21	OA	6	Unit 6 Maint / Thrust bearing cooler piping replacement
01-Nov-21	04-Nov-21	FR	5	Unit Inspection
01-Nov-21	18-Nov-21	BB	8	Unit Maintenance
04-Nov-21	04-Nov-21	GA	1	Black Start Exercise
09-Nov-21	09-Nov-21	FR	1	Black Start Test
15-Nov-21	14-May-22	GP	1	Unit 1 Cavitation liner upgrade contract
15-Nov-21	18-Nov-21	FR	6	Unit Inspection
16-Nov-21	13-Jan-22	FP	4	Annual Maintenance and Digital Governor/HRG Installation
29-Nov-21	09-Dec-21	FR	7	Unit Maintenance
13-Dec-21	23-Dec-21	FR	8	Unit Maintenance

Tentative Corps Outage Schedule for CY 2022

Start Date	End Date	Project	Unit #	Description
15-Nov-21	14-May-22	GP	1	Unit 1 Cavitation liner upgrade contract
16-Nov-21	13-Jan-22	FP	4	Annual Maintenance and Digital Governor/HRG Installation
14-Jan-22	07-Mar-22	FP	5	Annual Maintenance and Digital Governor/HRG Installation
31-Jan-22	10-Feb-22	FR	4	Unit Maintenance
14-Feb-22	17-Feb-22	FR	2	Unit Inspection
21-Feb-22	10-Mar-22	BB	3	Unit Maintenance
21-Feb-22	24-Mar-22	GP	2	Unit 2 Annual Maintenance outage- requires power from grid
28-Feb-22	10-Mar-22	FR	3	Unit Maintenance
07-Mar-22	25-Mar-22	FP	1	Annual Maintenance
07-Mar-22	10-Mar-22	OA	1	Unit 1 Inspection
14-Mar-22	17-Mar-22	FR	1	Unit Inspection
21-Mar-22	24-Mar-22	BB	4	Unit Inspection
21-Mar-22	24-Mar-22	OA	3	Unit 3 Inspection
28-Mar-22	28-Apr-22	GP	3	Unit 3 Annual maintenance outage
04-Apr-22	21-Apr-22	BB	1	Unit Maintenance
04-Apr-22	22-Apr-22	FP	3	Annual Maintenance
11-Apr-22	21-Apr-22	GA	5	Unit Maintenance
11-Apr-22	21-Apr-22	OA	5	Unit 5 Maint
25-Apr-22	04-Nov-22	FP	Swd#1	Bank 4 Relacement?
25-Apr-22	04-Nov-22	FP	Swd#1	Bank 2 Replacement?
25-Apr-22	28-Apr-22	GA	2	Unit Inspection
02-May-22	06-May-22	BB	2	Unit Inspection
02-May-22	20-May-22	FP	2	Annual Maintenance
02-May-22	29-Jul-22	FR	3&4	GSU replacement - B Bank
02-May-22	05-May-22	GP	1,2,3	Rolling outage unit 1,2,3 to clean debris from intake
09-May-22	19-May-22	BB	1-8	Intake Gate Maintenance/Structural Inspections - Routine "C" Gates (May be moved) - No Outages Required
09-May-22	12-May-22	BB	1 thru 8	No Scheduled Doble Testing - 2022 Time Slot Reserved
09-May-22	19-May-22	OA	7	Unit 7 Maint
18-Jul-22	28-Jul-22	BB	N/A	Spillway Gate 1-8 Maintenance - No Outages Required
01-Aug-22	28-Oct-22	FR	5&6	GSU replacement - C Bank, Unit Maintenance 5&6
17-Aug-22	17-Aug-22	BB	3-4	Unit 3 Black Start
29-Aug-22	15-Sep-22	BB	5	Unit Maintenance
01-Sep-22	31-Oct-22	GA	Lines	Functional Testing of Transmission and Bus Relays
05-Sep-22	15-Sep-22	GA	3	Unit Maintenance
08-Sep-22	08-Sep-22	OA	2	Unit 2 Black Start
12-Sep-22	30-Sep-22	FP	4	Annual Maintenance
12-Sep-22	15-Sep-22	OA	2	Unit 2 Inspection
19-Sep-22	22-Sep-22	GA	1	Unit Inspection
26-Sep-22	29-Sep-22	BB	6	Unit Inspection
26-Sep-22	06-Oct-22	GA	4	Unit Maintenance
26-Sep-22	29-Sep-22	OA	6	Unit 6 Inspection
10-Oct-22	27-Oct-22	BB	7	Unit Maintenance
10-Oct-22	09-Dec-22	GP	3	Unit 3 Cooler Replacement
17-Oct-22	04-Nov-22	FP	5	Annual Maintenance
17-Oct-22	27-Oct-22	OA	4	Unit 4 Maint
31-Oct-22	03-Nov-22	BB	8	Unit Inspection
03-Nov-22	03-Nov-22	GA	2	Black Start Exercise
08-Nov-22	08-Nov-22	FR	2	Black Start Test
14-Nov-22	17-Nov-22	FR	7	Unit Inspection
28-Nov-22	01-Dec-22	FR	8	Unit Inspection

Tentative Corps Outage Schedule for CY 2023

Start Date	End Date	Project	Unit #	Description
09-Jan-23	24-Feb-23	GP	1	Unit 1 Cooler Replacement
30-Jan-23	02-Feb-23	FR	4	Unit Inspection
06-Feb-23	16-Feb-23	FR	2	Unit Maintenance
20-Feb-23	24-Mar-23	GP	2	Unit 2 Annual Maintenance outage
27-Feb-23	02-Mar-23	BB	3	Unit Inspection
27-Feb-23	02-Mar-23	FR	3	Unit Inspection
27-Feb-23	14-Apr-23	GP	2	Unit 2 Cooler Replacement
06-Mar-23	24-Mar-23	FP	1	Annual Maintenance
06-Mar-23	16-Mar-23	FR	1	Unit Maintenance
06-Mar-23	09-Mar-23	OA	1	Unit 1 Maint
13-Mar-23	30-Mar-23	BB	4	Unit Maintenance
20-Mar-23	23-Mar-23	OA	3	Unit 3 Maint
27-Mar-23	28-Apr-23	GP	1	Unit 1 Annual maintenance outage
03-Apr-23	21-Apr-23	FP	3	Annual Maintenance
10-Apr-23	14-Apr-23	BB	1	Unit Inspection
10-Apr-23	20-Apr-23	GA	5	Unit Maintenance
10-Apr-23	20-Apr-23	OA	5	Unit 5 Inspection
24-Apr-23	11-May-23	BB	2	Unit Maintenance
24-Apr-23	27-Apr-23	GA	2	Unit Inspection
01-May-23	19-May-23	FP	2	Annual Maintenance
01-May-23	28-Jul-23	FR	7&8	GSU replacement - D Bank, Unit Maintenance 7&8
01-May-23	04-May-23	GP	1,2,3	Rolling outage unit 1,2,3 to clean debris from intake
08-May-23	11-May-23	BB	1 thru 8	No Scheduled Doble Testing - 2023 Time Slot Reserved
08-May-23	18-May-23	OA	7	Unit 7 Inspection
29-May-23	15-Jun-23	BB	1-8	Intake Gate Maintenance/Structural Inspections - Routine "A" Gates (May be moved) - No Outages Required
26-Jun-23	20-Jul-23	BB	N/A	Spillway Gate 1-8 Maintenance - No Outages Required
18-Aug-23	18-Aug-23	BB	3-4	Black Start - Tabletop - No Outages Required
21-Aug-23	24-Aug-23	GA	1 thru 5	Doble Test GSU Transformers
28-Aug-23	31-Aug-23	BB	5	Unit Inspection
30-Aug-23	30-Oct-23	GA	Lines	Functional Testing of Transmission and Bus Relays
04-Sep-23	14-Sep-23	GA	3	Unit Maintenance
07-Sep-23	07-Sep-23	OA	3	Unit 3 Black Start
11-Sep-23	28-Sep-23	BB	6	Unit Maintenance
11-Sep-23	06-Oct-23	FP	4	Annual Maint.& Doble Test Unit Transformer
11-Sep-23	14-Sep-23	OA	2	Unit 2 Maint
18-Sep-23	21-Sep-23	FR	5	Unit Inspection
18-Sep-23	21-Sep-23	GA	1	Unit Inspection
25-Sep-23	05-Oct-23	GA	4	Unit Maintenance
25-Sep-23	28-Sep-23	OA	6	Unit 6 Maint
02-Oct-23	06-Oct-23	FP	Swd#2	Doble AT2 and Functional Test Swd #2
02-Oct-23	27-Oct-23	FP	5	Annual Maint.& Doble Test Unit Transformer
02-Oct-23	01-Oct-24	FR	6	Unit Major Rehab
16-Oct-23	20-Oct-23	BB	7	Unit Inspection
16-Oct-23	26-Oct-23	OA	4	Unit 4 Inspection
30-Oct-23	16-Nov-23	BB	8	Unit Maintenance
02-Nov-23	02-Nov-23	GA	1	Black Start Exercise