

Activity ID	Activity Description	Cal ID	Orig Dur	Rem Dur	Early Start	Early Finish	JAN	FEB	2012 MAR	APR
QMDC 5.4 MW Upgrade & 2E2 Deployment										
5.4MW UPGRADE										
PRICING/PROCUREMENT										
PROC-435	PROCURE RM F UPS MODULES - Ship 2/7	1	7	5	21NOV11A	09FEB12		PROCURE RM F UPS MODULES - Ship 2/7		
PROC-520	PROCURE UPS Room CAHU's- Ship 2/10	1	60	8	21NOV11A	14FEB12		PROCURE UPS Room CAHU's- Ship 2/10		
CATR-100	Procure STS (Catcher Room)	1	3	7	16DEC11A	13FEB12		Procure STS (Catcher Room)		
PROC-540	PROCURE PDU'S	1	38	7	16DEC11A	13FEB12		PROCURE PDU'S		
PROC-550	PROCURE FDC'S	1	34	7	16DEC11A	13FEB12		PROCURE FDC'S		
PROC-560	PROCURE 3000A REMOTE SWBD'S	1	52	8	16DEC11A	14FEB12		PROCURE 3000A REMOTE SWBD'S		
PROC-530	PROCURE CAHU'S (2E2 Room)	1	48	12	16DEC11A	20FEB12		PROCURE CAHU'S (2E2 Room)		
PROC-535	QTS Aproval MS4 Tie-In	1	21	16	27JAN12A	24FEB12		QTS Aproval MS4 Tie-In		
GENERAL CONSTRUCTION										
Electrical Room D										
DSIDE-130	CODD3 Feeder Conduit	3	17	1	16JAN12A	03FEB12		CODD3 Feeder Conduit		
DSIDE-200	UID3 Feeder Conduit Install	3	7	4	31JAN12A	07FEB12		UID3 Feeder Conduit Install		
DSIDE-240	CODD3 Install/Wire/Term	3	12	9	31JAN12A	13FEB12		CODD3 Install/Wire/Term		
DSIDE-260	UPS Battery Disconnect Install (5)	3	7	5	01FEB12A	08FEB12		UPS Battery Disconnect Install (5)		
DSIDE-370	Install Battery Racks (D Side)	3	5	5	03FEB12	08FEB12		Install Battery Racks (D Side)		
DSIDE-160	UPS Module Cndt Install (5 Mods)	3	5	5	04FEB12	09FEB12		UPS Module Cndt Install (5 Mods)		
DSIDE-140	UPS Battery Install/Wire/Term (Qty 5)	3	15	15	06FEB12	22FEB12		UPS Battery Install/Wire/Term (Qty 5)		
DSIDE-270	UID3 Install/Wire/Term.	3	10	10	09FEB12	20FEB12		UID3 Install/Wire/Term.		
DSIDE-280	Elec Controls Head End Install	1	10	10	10FEB12	23FEB12		Elec Controls Head End Install		
DSIDE-210	UPS Module (5) Install/ Wire/Term	3	15	15	10FEB12	27FEB12		UPS Module (5) Install/ Wire/Term		
DSIDE-190	CAHU'S Units Install & Mech Tie-in	1	5	5	15FEB12	21FEB12		CAHU'S Units Install & Mech Tie-in		
DSIDE-290	I&S CAHU Power	3	1	1	22FEB12	22FEB12		I&S CAHU Power		
DSIDE-300	CAHU'S Units Electrical Start-up D-Side	1	5	5	23FEB12	29FEB12		CAHU'S Units Electrical Start-up D-Side		
DSIDE-345	MS 4 Conduit and Wire for STS Startup	1	5	5	27FEB12	02MAR12		MS 4 Conduit and Wire for STS Startup		
DSIDE-310	CAHU'S Units Mechanical Start-up	1	3	3	01MAR12	05MAR12		CAHU'S Units Mechanical Start-up		
DSIDE-330	UPS Battery Charge/Float/Discharge (D Side)	3	5	5	03MAR12	08MAR12		UPS Battery Charge/Float/Discharge (D Side)		
DSIDE-335	D Side Affinity Verification	1	1	1	09MAR12	09MAR12		D Side Affinity Verification		
DSIDE-340	D Side UPS Commissioning	1	10	10	12MAR12	23MAR12		D Side UPS Commissioning		
Electrical Room D HPD Component Testing										
DSIDE-180	HP D Side UPS Module Review	1	10	6	30JAN12A	10FEB12		HP D Side UPS Module Review		
DSIDE-250	HP UID3 Review	1	5	2	31JAN12A	06FEB12		HP UID3 Review		
DSIDE-185	HP RD3 Component Testing	1	1	1	15FEB12	15FEB12		HP RD3 Component Testing		
Electrical Room F										
FSIDE-150	CODF3 Feeder Conduit	3	17	1	16JAN12A	03FEB12		CODF3 Feeder Conduit		
FSIDE-310	Install Battery Racks	3	5	2	31JAN12A	04FEB12		Install Battery Racks		
FSIDE-270	UIF3 Feeder Conduit Install	3	7	7	03FEB12	10FEB12		UIF3 Feeder Conduit Install		
FSIDE-260	CODF3 Install/Wire/Term	3	10	10	04FEB12	15FEB12		CODF3 Install/Wire/Term		
FSIDE-140	UPS Battery Install/Wire/Term	3	15	15	06FEB12	22FEB12		UPS Battery Install/Wire/Term		
FSIDE-220	UPS Module Cndt Install (5 Mods)	3	5	5	10FEB12	15FEB12		UPS Module Cndt Install (5 Mods)		
FSIDE-280	UIF3 Install/Wire/Term	3	7	7	11FEB12	18FEB12		UIF3 Install/Wire/Term		
FSIDE-290	Elec Controls Head End Install	1	10	10	13FEB12	24FEB12		Elec Controls Head End Install		
FSIDE-190	CAHU'S Units Install & Mech Tie-In	1	5	5	15FEB12	21FEB12		CAHU'S Units Install & Mech Tie-In		
FSIDE-300	Temp Power UPS CAHU'S	3	5	5	16FEB12	21FEB12		Temp Power UPS CAHU'S		
FSIDE-200	UPS Module (5) Install/Wire/Term	3	15	15	16FEB12	03MAR12		UPS Module (5) Install/Wire/Term		
FSIDE-320	CAHU'S Units Electrical Start-up	1	5	5	22FEB12	28FEB12		CAHU'S Units Electrical Start-up		
FSIDE-180	UPS Battery Disconnect Install (5)	3	7	7	23FEB12	01MAR12		UPS Battery Disconnect Install (5)		
FSIDE-330	CAHU'S Units Mechanical Start-up	1	3	3	29FEB12	02MAR12		CAHU'S Units Mechanical Start-up		
FSIDE-335	F Side Affinity Verification	1	1	1	26MAR12	26MAR12		F Side Affinity Verification		
FSIDE-340	F Side UPS Commissioning	1	10	10	27MAR12	09APR12		F Side UPS Commissioning		

Start Date

Finish Date

Data Date

Run Date

04JUL11

19APR12

03FEB12

03FEB12 13:09

QM13

JE DUNN CONSTRUCTION

5.4 MW UPGRADE/2E2 DEPLOYMENT

PRELIMINARY SCHEDULE

Cal ID 1=5day work week

Cal ID 3=6day work week

Sheet 1 of 2

Early Bar

Progress Bar

Critical Activity

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Activity ID		Activity Description		Cal ID	Orig Dur	Rem Dur	Early Start	Early Finish	2012			
									JAN	FEB	MAR	APR
Electrical Room F HPD Component Testing												
FSIDE-230	UIF3 Review	1	3	6	31JAN12A	10FEB12				UIF3 Review		
FSIDE-170	HP UPS Module Review (f sIDE)	1	7	7	10FEB12	20FEB12				HP UPS Module Review (f sIDE)		
FSIDE-400	HP RD3 Component Testing	1	1	1	15FEB12	15FEB12				HP RD3 Component Testing		
2E2 DEPLOYMENT												
GENERAL CONSTRUCTION												
Room 2E2												
2E2-130	Install CAHU's	1	15	6	23JAN12A	10FEB12				Install CAHU's		
2E2-140	I&S Install PDU Install	1	3	3	16FEB12	20FEB12				I&S Install PDU Install		
2E2-135	I&S Install FDC Install	1	5	5	16FEB12	22FEB12				I&S Install FDC Install		
2E2-100	I&S (30) PDU Conduit and Wire (2E2)	1	10	10	16FEB12	29FEB12				I&S (30) PDU Conduit and Wire (2E2)		
2E2-105	I&S (60) FDC Conduit and Wire (2E2)	1	10	10	16FEB12	29FEB12				I&S (60) FDC Conduit and Wire (2E2)		
2E2-115	Wonder Ware Communication Verification in 2E Spa	1	7	7	15MAR12	23MAR12					Wonder Ware Communication Verification in 2E Spa	
2E2-160	HPD Commissioning PDU's	2	10	10	24MAR12	02APR12					HPD Commissioning PDU's	
2E2-165	HPD Commissioning FDC's	2	17	17	03APR12	19APR12					HPD Commissioning FDC's	
Room 2E2 HPD Component Testing												
2E2-145	McKenney's 2E2 CAHU Point to Point	1	5	5	13FEB12	17FEB12				McKenney's 2E2 CAHU Point to Point		
2E2-125	HPD PDU Componet Testing (30)	1	5	5	14FEB12	20FEB12				HPD PDU Componet Testing (30)		
2E2-120	HPD FDC Componet Testing (60)	1	7	7	14FEB12	22FEB12				HPD FDC Componet Testing (60)		
2E2-155	HPD CAHU CX	1	5	5	27FEB12	02MAR12				HPD CAHU CX		
Catcher Room HPD Component Testing												
CATR-105	HPD Component Test STS (Catcher Room)	1	3	3	14FEB12	16FEB12				HPD Component Test STS (Catcher Room)		
Catcher Room												
DSIDE-195	I&S Install RD3 (Dside)	3	1	1	16FEB12	16FEB12				I&S Install RD3 (Dside)		
FSIDE-405	I&S Install RD3 (Fside)	1	1	1	16FEB12	16FEB12				I&S Install RD3 (Fside)		
CATR-110	I&S Install STS (Catcher Room)	3	3	3	17FEB12	20FEB12				I&S Install STS (Catcher Room)		
DSIDE-205	I&S Conduit/Wire/Term RD3 (Dside)	3	10	10	17FEB12	28FEB12				I&S Conduit/Wire/Term RD3 (Dside)		
FSIDE-410	I&S Conduit/Wire/Term RD3 (Fside)	1	10	10	17FEB12	01MAR12				I&S Conduit/Wire/Term RD3 (Fside)		
CATR-120	DVL Site Visit	1	2	2	21FEB12	22FEB12				DVL Site Visit		
CATR-115	Input Conduit and Wire to STS (Catcher Room)	1	10	10	21FEB12	05MAR12				Input Conduit and Wire to STS (Catcher Room)		
CATR-125	DVL Communication Verification (Catcher)	1	2	2	13MAR12	14MAR12				DVL Communication Verification (Catcher)		
CATR-130	Square D Verification (Night Work)	1	5	5	15MAR12	21MAR12				Square D Verification (Night Work)		
Start-Up												
STRT-145	Square D Point to Point Check Out (D Side)	3	5	5	16FEB12	21FEB12				Square D Point to Point Check Out (D Side)		
STRT-150	Square D Point to Point Check Out (F Side)	3	5	5	18FEB12	23FEB12				Square D Point to Point Check Out (F Side)		
2E2-150	2E2 CAHU Startup	1	5	5	20FEB12	24FEB12				2E2 CAHU Startup		
STRT-115	UID3 Start-Up	1	3	5	22FEB12	28FEB12				UID3 Start-Up		
STRT-120	UPS Module Start-UP (Dside)	1	3	3	29FEB12	02MAR12				UPS Module Start-UP (Dside)		
STRT-130	UIF3 Start-Up	1	3	3	29FEB12	02MAR12				UIF3 Start-Up		
STRT-125	CODD3 Start-UP	1	2	2	05MAR12	06MAR12				CODD3 Start-UP		
STRT-135	UPS Module Start-UP (Fside)	1	3	3	05MAR12	07MAR12				UPS Module Start-UP (Fside)		
STRT-100	STS Startup (Catcher) (MS4 Temp Power Feed)	1	5	5	05MAR12	09MAR12				STS Startup (Catcher) (MS4 Temp Power Feed)		
STRT-140	CODF3 Start-UP	1	2	2	08MAR12	09MAR12				CODF3 Start-UP		
DSIDE-215	I&S Startup RD3 (Dside)	3	1	1	10MAR12	10MAR12				I&S Startup RD3 (Dside)		
FSIDE-415	I&S Startup RD3 (Fside)	1	1	1	12MAR12	12MAR12				I&S Startup RD3 (Fside)		
STRT-105	F-Side PDU Start-UP (2E2 Room)-USING TEMP	1	3	3	12MAR12	14MAR12				F-Side PDU Start-UP (2E2 Room)-USING TEMP SOURCE		
FSIDE-360	UPS Battery Charge/Float/Discharge (F Side)	1	5	5	12MAR12	16MAR12				UPS Battery Charge/Float/Discharge (F Side)		
STRT-155	F-Side FDC Start-UP (2E2 Room)	1	3	3	15MAR12	19MAR12				F-Side FDC Start-UP (2E2 Room)		
OTHR-100	Affinity Comm. Verification	1	5	5	20MAR12	26MAR12				Affinity Comm. Verification		
STRT-160	D-Side PDU Start-UP (2E2 Room)-USING TEMP	1	3	3	26MAR12	28MAR12				D-Side PDU Start-UP (2E2 Room)-USING TEMP SOURCE		
STRT-165	D-Side FDC Start-UP (2E2 Room)	1	3	3	29MAR12	02APR12				D-Side FDC Start-UP (2E2 Room)		
Commissioning												
OTHR-110	HPD CX (All Areas)	3	17	17	31MAR12	19APR12					HPD CX (All Areas)	

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04JUL11

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03FEB12

03FEB12 13:09

QM13

JE DUNN CONSTRUCTION

5.4 MW UPGRADE/2E2 DEPLOYMENT

PRELIMINARY SCHEDULE

Cal ID 1=5day work week

Cal ID 3=6day work week

Sheet 2 of 2

Early Bar

Progress Bar

Critical Activity

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