

EIC - Working File

Act Update - Activities to be Cut
TASK filter: FY23 Activities to be cut for Actuals.

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID				BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float																			
														FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38
6 EIC							1540.00	04-Feb-21	02-Apr-27	298841.39	14066715.33	\$61,267,434	2236.00																			
6.01 Project Management							249.00	03-Oct-22	29-Sep-23	64132.00	4654705.00	\$15,543,907	893.00																			
6.02 Accelerator Development and R&D							829.00	12-Jan-22	05-May-25	56370.24	3981296.11	\$13,344,947	2713.00																			
6.02.01 Accelerator Development and R&D Management							248.00	03-Oct-22	29-Sep-23	1496.00	298000.00	\$649,581	890.00																			
6.02.01.01 Accelerator Development and R&D Management - BNL							248.00	03-Oct-22	29-Sep-23	1496.00	298000.00	\$649,581	890.00																			
6.02.01.01.01 Accelerator Development and R&D Management - BNL							248.00	03-Oct-22	29-Sep-23	440.00	88000.00	\$217,229	433.00																			
RD_0100_1080		glayden	blaskiewi	Accelerator Development and R&D - Management BNL - FY23			248.00	03-Oct-22	29-Sep-23	440.00	0.00	\$104,875	433.00																Accelerator Development and R&D - Management BNL - FY23			
RD_0100_1260		glayden	blaskiewi	Accelerator Development and R&D - Travel - FY23			248.00	03-Oct-22	29-Sep-23	0.00	88000.00	\$112,354	433.00																Accelerator Development and R&D - Travel - FY23			
6.02.01.01.02 R&D Management - BNL							248.00	03-Oct-22	29-Sep-23	1056.00	210000.00	\$432,352	890.00																			
RD_0301_1080		glayden	qiowu	Accelerator Systems R&D Management - FY23 - Labor			248.00	03-Oct-22	29-Sep-23	1056.00	0.00	\$211,081	890.00																Accelerator Systems R&D Management - FY23 - Labor			
RD_0301_1085		glayden	qiowu	Accelerator Systems R&D Management - FY23 - Materials			248.00	03-Oct-22	29-Sep-23	0.00	5000.00	\$5,390	890.00																Accelerator Systems R&D Management - FY23 - Materials			
RD_0301_1090		glayden	qiowu	Accelerator Systems R&D Management - FY23 - Travel			248.00	03-Oct-22	29-Sep-23	0.00	5000.00	\$6,575	890.00																Accelerator Systems R&D Management - FY23 - Travel			
RD_0303_7280		jtolle	hwhite	Software Licenses - FY23			248.00	03-Oct-22	29-Sep-23	0.00	200000.00	\$209,306	890.00																Software Licenses - FY23			
6.02.02 Accelerator Physics and Design							249.00	03-Oct-22	29-Sep-23	14336.00	50000.00	\$2,486,059	3110.00																			
6.02.02.01 Accelerator Design							249.00	03-Oct-22	29-Sep-23	7826.00	0.00	\$1,327,453	3110.00																			
RD_0201_1582		glayden	montagc	Accelerator Design - Multiple Systems - FY23			205.00	03-Oct-22	31-Jul-23	1435.00	0.00	\$243,857	2237.00																Accelerator Design - Multiple Systems - FY23			
RD_0201_1705		glayden	montagc	Spin matching including detector solenoid and IR Solenoid Compensation - BNL			248.00	03-Oct-22	29-Sep-23	189.00	0.00	\$33,081	36.00																Spin matching including detector solenoid and IR Solenoid Compensation - BNL			
RD_0201_1706		pkessler	montagc	Spin matching including detector solenoid and IR Solenoid Compensation - JLAB			246.00	03-Oct-22	29-Sep-23	189.00	0.00	\$24,604	38.00																Spin matching including detector solenoid and IR Solenoid Compensation - JLAB			
RD_0201_1710		glayden	montagc	Select Spin Rotator Design/ lower energy limit for ESR			205.00	03-Oct-22	31-Jul-23	880.00	0.00	\$154,029	36.00																Select Spin Rotator Design/ lower energy limit for ESR			
RD_0201_1712		glayden	montagc	Engineering Support for Accelerator Layout - FY23			205.00	03-Oct-22	31-Jul-23	880.00	0.00	\$127,466	2835.00																Engineering Support for Accelerator Layout - FY23			
RD_0201_1722		glayden	montagc	Hardware Location Database Tracking - FY23			205.00	03-Oct-22	31-Jul-23	150.00	0.00	\$26,255	3084.00																Hardware Location Database Tracking - FY23			
RD_0201_1820		glayden	montagc	Dynamic Aperture with Modified Straight Sections and APS Magnets			205.00	03-Oct-22	31-Jul-23	700.00	0.00	\$122,523	788.00																Dynamic Aperture with Modified Straight Sections and APS Magnets			
RD_0201_2022		glayden	montagc	HSR Dynamic Aperture Studies - FY23			205.00	03-Oct-22	31-Jul-23	200.00	0.00	\$35,007	3029.00																HSR Dynamic Aperture Studies - FY23			
RD_0201_2080		glayden	montagc	Hadron Ring Correction Systems Revision (List of required modification) (5 Scientist 30% FT			205.00	03-Oct-22	31-Jul-23	500.00	0.00	\$87,517	2714.00																Hadron Ring Correction Systems Revision (List of required modification) (5 Scientist 30% FTE)			
RD_0201_2260		glayden	montagc	Determine kicker parameters, including RF kicker for RCS injection			166.00	01-Dec-22*	31-Jul-23	440.00	0.00	\$77,015	3127.00																Determine kicker parameters, including RF kicker for RCS injection			
RD_0201_2280		glayden	montagc	Electron Transfer Line Design			205.00	03-Oct-22	31-Jul-23	410.00	0.00	\$71,764	3084.00																Electron Transfer Line Design			
RD_0201_2300		glayden	montagc	Hadron Transfer Line Design			205.00	03-Oct-22	31-Jul-23	328.00	0.00	\$57,411	3127.00																Hadron Transfer Line Design			
RD_0201_2320		glayden	montagc	Injection/extraction septa design			205.00	03-Oct-22	31-Jul-23	1320.00	0.00	\$231,044	3127.00																Injection/extraction septa design			
RD_0201_2322		glayden	montagc	Establish Tolerances on Optics and Crab Cavity RF Noise - SVT			205.00	03-Oct-22	31-Jul-23	0.00	0.00	\$0	3027.00																Establish Tolerances on Optics and Crab Cavity RF Noise - SVT			
RD_0201_2423		glayden	montagc	Beam-beam Code Development Sufficient for CD-3 - BNL - FY23			205.00	03-Oct-22	31-Jul-23	160.00	0.00	\$28,005	2835.00																Beam-beam Code Development Sufficient for CD-3 - BNL - FY23			
RD_0201_2423.1		glayden	montagc	Beam-beam Code Development Sufficient for CD-3 - Berkeley Lab - FY23			205.00	03-Oct-22	31-Jul-23	45.00	0.00	\$7,876	2835.00																Beam-beam Code Development Sufficient for CD-3 - Berkeley Lab - FY23			
6.02.02.02 Beam Dynamics							205.00	03-Oct-22	31-Jul-23	6510.00	50000.00	\$1,158,606	2964.00																			
RD_0202_1384		glayden	blaskiewi	FY23 - ESM - Detailed Impedance Budget - RF, Instrumentation, and Vacuum Systems			205.00	03-Oct-22	31-Jul-23	1860.00	0.00	\$316,080	2964.00																FY23 - ESM - Detailed Impedance Budget - RF, Instrumentation, and Vacuum Systems			
RD_0202_1404		glayden	blaskiewi	FY23 - ESM - Beam Loading and Beam Gymnastics Studies - RF Systems			205.00	03-Oct-22	31-Jul-23	1860.00	0.00	\$316,080	2964.00																FY23 - ESM - Beam Loading and Beam Gymnastics Studies - RF Systems			
RD_0202_1444		glayden	blaskiewi	FY23 - ESM - Accelerator Specification Development for Instrumentation Hardware/ Systems			205.00	03-Oct-22	31-Jul-23	930.00	0.00	\$158,040	2964.00																FY23 - ESM - Accelerator Specification Development for Instrumentation Hardware/ Systems			
RD_0202_1464		glayden	blaskiewi	FY23 - ESM - Synchrotron Radiation Studies for Vacuum and Interaction Region (IR) System			205.00	03-Oct-22	31-Jul-23	1860.00	0.00	\$316,080	2964.00																FY23 - ESM - Synchrotron Radiation Studies for Vacuum and Interaction Region (IR) Systems			
RD_0202_1486		glayden	blaskiewi	FY23 - Calculations of Electron Polarization in the ESR, RCS,& HSR			205.00	03-Oct-22	31-Jul-23	0.00	50000.00	\$52,326	784.00																FY23 - Calculations of Electron Polarization in the ESR, RCS,& HSR			
6.02.03 Accelerator Systems R&D							829.00	12-Jan-22	05-May-25	40538.24	3633296.11	\$10,209,307	2713.00																			
6.02.03.01 Polarized Electron Source R&D							205.00	03-Oct-22	31-Jul-23	585.00	39290.01	\$124,359	590.00																			
RD_0302_1230		glayden	skaritka	Strained Super Lattice Cathode Lifetime with Polarized Beams			205.00	03-Oct-22	31-Jul-23	525.00	0.00	\$77,955	590.00																Strained Super Lattice Cathode Lifetime with Polarized Beams			
RD_0302_1232		glayden	skaritka	Demonstate Reduced Laser noise and resulting e-beam up to 350kV			205.00	03-Oct-22	31-Jul-23	60.00	0.00	\$4,052	590.00																Demonstate Reduced Laser noise and resulting e-beam up to 350kV			
RD_0302_1233		glayden	skaritka	Strained Super Lattice Cathode Lifetime with Polarized Beams - Contract Award			1.00	03-Oct-22	03-Oct-22	0.00	0.01	\$0	590.00																Strained Super Lattice Cathode Lifetime with Polarized Beams - Contract Award			
RD_0302_1234		glayden	skaritka	Strained Super Lattice Cathode Lifetime with Polarized Beams - Material			204.00	04-Oct-22	31-Jul-23	0.00	39290.00	\$42,352	590.00																Strained Super Lattice Cathode Lifetime with Polarized Beams - Material			
6.02.03.02 IR Design and Magnet Prototyping							644.00	03-Oct-22	05-May-25	18815.00	462104.03	\$3,597,630	2678.00																			
6.02.03.02.01 IR Magnet Design and Layout							308.00	03-Oct-22	29-Dec-23	6698.00	228543.00	\$1,504,510	2441.00																			
RD_0303_2000		jtolle	hwhite	2D Cross-section - EM Final - Q1A			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$7,763	-97.00																2D Cross-section - EM Final - Q1A			
RD_0303_2010		jtolle	hwhite	2D Cross-section - EM Final - Q1B			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$7,763	-97.00																2D Cross-section - EM Final - Q1B			
RD_0303_2020		jtolle	hwhite	2D Cross-section - EM Final - Q2pF			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$7,763	-97.00																2D Cross-section - EM Final - Q2pF			
RD_0303_2030		jtolle	hwhite	2D Cross-section - EM Final - B1pF			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$7,763	-70.00																2D Cross-section - EM Final - B1pF			
RD_0303_2040		jtolle	hwhite	2D Cross-section - EM Final - B1ApF			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$7,763	-97.00																2D Cross-section - EM Final - B1ApF			
RD_0303_2050		jtolle	hwhite	2D Cross-section - EM Final - Matching Dipole			7.00	03-Oct-22	12-Oct-22	40.00	0.00	\$9,256	60.00																2D Cross-section - EM Final - Matching Dipole			
RD_0303_2060		jtolle	hwhite	2D Design - Crosstalk Final - Q1ApF			5.00	13-Oct-22	19-Oct-22	30.00	0.00	\$5,822	457.00																2D Design - Crosstalk Final - Q1ApF			
RD_0303_2070		jtolle	hwhite	2D Design - Crosstalk Final - Q1BpF			5.00	20-Oct-22	26-Oct-22	30.00	0.00	\$5,822	457.00																2D Design - Crosstalk Final - Q1BpF			
RD_0303_2080		jtolle	hwhite	2D Design - Crosstalk Final - Q2pF			5.00	27-Oct-22	02-Nov-22	30.00	0.00	\$5,822	457.00																2D Design - Crosstalk Final - Q2pF			
RD_0303_2090		jtolle	hwhite	2D Design - Crosstalk Final - B1pF			5.00	03-Nov-22	09-Nov-22	30.00	0.00	\$5,822	457.00																2D Design - Crosstalk Final - B1pF			
RD_0303_2100		jtolle	hwhite	2D Design - Crosstalk Final - B1ApF			5.00	10-Nov-22	17-Nov-22	30.00	0.00	\$5,822	457.00																2D Design - Crosstalk Final - B1ApF			
RD_0303_2110		jtolle	hwhite	3D Design - Coil Ends (Final) - B1pF - Phase 1			130.00	13-Oct-22	21-Apr-23	440.00	0.00	\$85,389	-70.00																3D Design - Coil Ends (Final) - B1pF - Phase 1			
RD_0303_2130		jtolle	hwhite	3D Design - Coil Ends (Final) - Q1ApF - Phase 1			157.00	13-Oct-22	31-May-23	520.00	0.00	\$100,914	-97.00																3D Design - Coil Ends (Final) - Q1ApF - Phase 1			
RD_0303_2140		jtolle	hwhite	3D Design - Coil Ends (Final) - B1ApF - Phase 1			157.00	13-Oct-22	31-May-23	520.00	0.00	\$100,914	-97.00																3D Design - Coil Ends (Final) - B1ApF - Phase 1			
RD_0303_2150		jtolle	hwhite	3D Design - Coil Ends (Final) - Q2pF - Phase 1			157.00	13-Oct-22	31-May-23	520.00	0.00	\$100,914	-97.00																3D Design - Coil Ends (Final) - Q2pF - Phase 1			
RD_0303_2160		jtolle	hwhite	3D Design - Coil Ends (Final) - Q1BpF - Phase 1			157.00	13-Oct-22	31-May-23	440.00	0.00	\$85,389	-97.00																3D Design - Coil Ends (Final) - Q1BpF - Phase 1			
RD_0303_2180		jtolle	hwhite	3D Design - Coil Ends (Final) - B1pF - Phase 2			49.00	24-Apr-23	03-Jul-23	400.00	0.00	\$77,626	167.00																3D Design - Coil Ends (Final) - B1pF - Phase 2			
RD_0303_2200		jtolle	hwhite	3D Design - Coil Ends (Final) - Q1ApF - Phase 2			40.00	05-Jul-23	29-Aug-23	320.00	0.00	\$62,101	248.00																3D Design - Coil Ends (Final) - Q1ApF - Phase 2			
RD_0303_2210		jtolle	hwhite	3D Design - Coil Ends (Final) - B1ApF - Phase 2			122.00	05-Jul-23	29-Dec-23	320.00	0.00	\$63,628	303.00																3D Design - Coil Ends (Final) - B1ApF - Phase 2			
RD_0303_2220		jtolle	hwhite	3D Design - Coil Ends (Final) - Q2pF - Phase 2			122.00	05-Jul-23	29-Dec-23	320.00	0.00	\$63,628	226.00																3D Design - Coil Ends (Final) - Q2pF - Phase 2			
RD_0303_2230		jtolle	hwhite	3D Design - Coil Ends (Final) - Q1BpF - Phase 2			60.00	05-Jul-23	27-Sep-23	400.00	0.00	\$77,626	258.00																3D Design - Coil Ends (Final) - Q1BpF - Phase 2			
RD_0303_2250		jtolle	hwhite	Direct Wind - EM - B0pF			8.00	03-Oct-22	13-Oct-22	40.00	0.00	\$7,763	284.00																Direct Wind - EM - B0pF			

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Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
											FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	
6.02.03.02.02 IR Magnet Prototyping	RD_0303_2260	jtolle	hwtite	Direct Wind - EM - B2AeR/B2BeR	8.00	14-Oct-22	25-Oct-22	40.00	0.00	\$7,763	284.00																			
	RD_0303_2270	jtolle	hwtite	Direct Wind - EM - Q0eF	8.00	01-Jun-23	12-Jun-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2280	jtolle	hwtite	Direct Wind - EM - Q1eF	8.00	13-Jun-23	23-Jun-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2290	jtolle	hwtite	Direct Wind - EM - B0ApF	8.00	26-Jun-23	06-Jul-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2300	jtolle	hwtite	Direct Wind - EM - Q1eR	8.00	07-Jul-23	18-Jul-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2310	jtolle	hwtite	Direct Wind - EM - Q2eR	8.00	19-Jul-23	28-Jul-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2320	jtolle	hwtite	Direct Wind - EM - Q1ApR	8.00	31-Jul-23	09-Aug-23	40.00	0.00	\$7,763	136.00																			
	RD_0303_2500	jtolle	hwtite	Structural Analysis - B1pF	30.00	05-Jul-23	15-Aug-23	500.00	0.00	\$80,430	258.00																			
	RD_0303_2570	jtolle	hwtite	Tapered DH Design - Q1ABpF EM	10.00	18-Nov-22	05-Dec-22	80.00	0.00	\$18,513	2682.00																			
	RD_0303_2580	jtolle	hwtite	Tapered DH Design - B1/B1ApF EM	10.00	06-Dec-22	19-Dec-22	80.00	0.00	\$18,513	2682.00																			
	RD_0303_2590	jtolle	hwtite	Tapered DH Design - Q2pF EM	15.00	05-Jul-23	25-Jul-23	80.00	0.00	\$18,513	2548.00																			
	RD_0303_2790	jtolle	hwtite	Quench Analysis - Collared Magnets (FNAL)	151.00	27-Feb-23*	29-Sep-23	0.00	228543.00	\$246,352	393.00																			
	RD_0303_2880	jtolle	hwtite	Cryostat Design / Thermal - Forward Side Engineering Analysis	125.00	01-Jun-23*	01-Dec-23	992.00	0.00	\$156,665	513.00																			
	RD_0303_2885	jtolle	hwtite	SVT - Cryostat Design / Thermal - Forward Side Engineering Analysis	85.00	01-Jun-23	02-Oct-23	0.00	0.00	\$0	513.00																			
	RD_0303_2940	jtolle	hwtite	Persistent Currents - Collared Magnets - B1pF	19.00	05-Jul-23	31-Jul-23	56.00	0.00	\$8,111	167.00																			
	6.02.03.02.02 IR Magnet Prototyping					644.00	03-Oct-22	05-May-25	12117.00	233561.03	\$2,093,120	2678.00																		
	6.02.03.02.02.01 B1pF Prototype					644.00	03-Oct-22	05-May-25	7427.00	233561.03	\$1,384,829	-97.00																		
	RD_0303_3195	jtolle	hwtite	SVT - B1pF Start	41.00	03-Oct-22	02-Dec-22	0.00	0.00	\$0	-52.00																			
	RD_0303_3210	jtolle	hwtite	B1pF Oversight	603.00	05-Dec-22	05-May-25	1652.00	0.00	\$276,689	-97.00					</														

ELC - Working File

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TASK filter: FY23 Activities to be cut for Actuals.

Activity ID							BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	19	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
																	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	
	RD1_0307_2180	apatil	wange	Gun Electrodes and Feedthru - Atals - Reentrant Chamber	250.00	20-Oct-22	20-Oct-23	0.00	19836.00	\$20,786	653.00																									
	RD1_0307_2200	apatil	wange	Gun Electrodes and Feedthru - Atals - Flange Adapter	250.00	20-Oct-22	20-Oct-23	0.00	9914.00	\$10,389	653.00																									
	RD1_0307_2220	apatil	wange	Gun Electrodes and Feedthru - Atals - 16.5" Flage	250.00	20-Oct-22	20-Oct-23	0.00	3583.00	\$3,755	653.00																									
	RD1_0307_2240	apatil	wange	Gun Electrodes and Feedthru - Atals - Flange Adapter	250.00	20-Oct-22	20-Oct-23	0.00	3401.00	\$3,564	653.00																									
	RD1_0307_2260	apatil	wange	Gun Electrodes and Feedthru - Atals - Flange Adapter	250.00	20-Oct-22	20-Oct-23	0.00	3401.00	\$3,564	653.00																									
	RD1_0307_2280	apatil	wange	Gun Electrodes and Feedthru - Atals - Machined Titanium Bellow and Chapeau	250.00	20-Oct-22	20-Oct-23	0.00	3373.00	\$3,534	653.00																									
	RD1_0307_2300	apatil	wange	Gun Electrodes and Feedthru - Atals - Anode	180.00	20-Oct-22	12-Jul-23	0.00	9221.00	\$9,650	723.00																									
	RD1_0307_2320	apatil	wange	Gun Electrodes and Feedthru - Atlas - Glid cop material	250.00	20-Oct-22	20-Oct-23	0.00	12901.00	\$13,519	653.00																									
	RD1_0307_2360	apatil	wange	Gun Electrodes and Feedthru - MPF - Procurement Efforts	80.00	24-Jun-22	18-Oct-22	0.00	0.00	\$0	655.00																									
	RD1_0307_2380	apatil	wange	Gun Electrodes and Feedthru - MPF - Award Contract	1.00	19-Oct-22	19-Oct-22	0.00	0.01	\$0	653.00																									
	RD1_0307_2400	apatil	wange	Gun Electrodes and Feedthru - MPF - High Voltage Ceramic Feedthrough	250.00	20-Oct-22	20-Oct-23	0.00	198850.00	\$208,370	653.00																									
	RD1_0307_2460	apatil	wange	Gun Electrodes and Feedthru - ADI-AVD - Ground Shroud	199.00	03-Oct-22	21-Jul-23	0.00	2346.00	\$2,455	716.00																									
	RD1_0307_2480	apatil	wange	Gun Electrodes and Feedthru - ADI-AVD - Triple Point Shield	199.00	03-Oct-22	21-Jul-23	0.00	5593.00	\$5,853	716.00																									
	RD1_0307_2500	apatil	wange	Gun Electrodes and Feedthru - Höganäs - Glidcop	199.00	03-Oct-22	21-Jul-23	0.00	315.00	\$330	716.00																									
	RD1_0307_2520	apatil	wange	Gun Electrodes and Feedthru - Höganäs - Glid cop material	199.00	03-Oct-22	21-Jul-23	0.00	305.00	\$319	716.00																									
	RD1_0307_2540	apatil	wange	Gun Electrodes and Feedthru - Dielectric Science - High Votage Connector	199.00	03-Oct-22	21-Jul-23	0.00	6491.00	\$6,793	716.00																									
	RD1_0307_2560	apatil	wange	Gun Electrodes and Feedthru - Dielectric Science - HV Islation Cage	19																															

 Remaining Level of Effort
  Actual Level of Effort
  Project Baseline
  Actual Work
  Remaining Work
  JLA...

ELC - Working File

Act Update - Activities to be Cut

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	19	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
											FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	
	RD1_0307_6540	apatil	wange	Magnet for low Energy Beam Transport - Travel	180.00	17-Apr-23	05-Jan-24	0.00	5000.00	\$6,468	603.00																			
	RD1_0307_6580	apatil	wange	Addl equipment - Procurement Efforts	112.00	22-Dec-22	02-Jun-23	0.00	0.00	\$0	748.00																			
	RD1_0307_6600	apatil	wange	Addl equipment - Award Contract	1.00	05-Jun-23	05-Jun-23	0.00	0.01	\$0	748.00																			
	RD1_0307_6620	apatil	wange	Addl equipment - Vendor Manufacturing	250.00	06-Jun-23	05-Jun-24	0.00	60000.00	\$65,681	748.00																			
	RD1_0307_6660	apatil	wange	Accessories - Procurement Efforts	112.00	22-Dec-22	02-Jun-23	0.00	0.00	\$0	648.00																			
	RD1_0307_6680	apatil	wange	Accessories - Award Contract	1.00	05-Jun-23	05-Jun-23	0.00	0.01	\$0	648.00																			
	RD1_0307_6700	apatil	wange	Accessories - Procurement, accessories	100.00	06-Jun-23	27-Oct-23	0.00	60000.00	\$64,958	648.00																			
	RD1_0307_6860	apatil	wange	Laser procurement - Procurement effort	112.00	12-May-23	23-Oct-23	0.00	0.00	\$0	532.00																			
	6.02.03.07 Hadron Polarimetry				231.00	01-Feb-23	04-Jan-24	295.48	0.00	\$45,688	963.00																			
	RD_0311_2215	tlewis	keyser	D3-5 ZDC: Measurement - Dedicated APEX time in RHIC Run 2023	106.00	01-Feb-23*	03-Jul-23	255.48	0.00	\$36,198	963.00																			
RD_0311_2220	tlewis	keyser	D3-5 ZDC: Analysis - Finalize systematic uncertainties of results	125.00	05-Jul-23	04-Jan-24	40.00	0.00	\$9,490	963.00																				
6.02.03.08 RCS Corrector Power Supply				147.00	03-Jul-23	05-Feb-24	385.00	0.00	\$31,600	-159.00																				
IR_0302_34110	apatil	bruno	4 Channel Prototype RCS Pulsed Corrector PS - Analyse and Design PS	147.00	03-Jul-23*	05-Feb-24	385.00	0.00	\$31,600	-159.00																				
6.03 Electron Injector				590.00	04-Jan-22	10-May-24	12569.77	160447.00	\$2,192,507	2958.00																				
6.03.01 Electron Injector Management				250.00	03-Oct-22	02-Oct-23	3340.00	17500.00	\$652,187	1160.00																				
6.03.01.01 Electron Injector Management - BNL				248.00	03-Oct-22	29-Sep-23	2640.00	14500.00	\$527,476	954.00																				
EJ_0100_1160	mahmed	vranjbar	Electron Injector Management-FY23	248.00	03-Oct-22	29-Sep-23	2640.00	0.00	\$508,964	954.00																				
EJ_0100_1180	mahmed	vranjbar	Electron Injector Management-FY23 Travel	248.00	03-Oct-22	29-Sep-23	0.00	14500.00	\$18,513	954.00																				
6.03.01.02 Electron Injector Management - TJ				247.00	03-Oct-22	02-Oct-23	700.00	3000.00	\$124,710	1146.00																				
E0302_1120	ebockhold	snagaitsev	SVT - Receive Final Design Requirements (RCS Magnets)	247																										

EIC - Working File

Act Update - Activities to be Cut
TASK filter: FY23 Activities to be cut for Actuals.

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
											FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38
	E0302_51860	mahmed	gassner	RCS SLM s-RAD - Collect parameters for Preliminary Design	100.00	03-Oct-22	01-Mar-23	80.00	0.00	\$12,591	431.00																		
	E0302_51870	mahmed	gassner	RCS SLM s-RAD - Preliminary Design	125.00	02-Mar-23	28-Aug-23	264.00	0.00	\$47,971	431.00																		
6.03.03 Transfer Lines and Injection/Extraction Elements				412.00	16-Sep-22	10-May-24	1695.99	18500.00	\$284,749	2958.00																			
6.03.03.01 Transfer Lines Magnets				400.00	03-Oct-22	10-May-24	0.00	0.00	\$0	882.00																			
	EJ_0301_0999	jtole	bbhandari	SVT Pred: Transfer-line Magnets	400.00	03-Oct-22	10-May-24	0.00	0.00	\$0	882.00																		
6.03.03.04 Transfer Lines Instrumentation				318.00	16-Sep-22	22-Dec-23	1695.99	18500.00	\$284,749	3054.00																			
6.03.03.04.01 TL Beam Position Monitors				217.00	16-Sep-22	31-Jul-23	651.99	8500.00	\$104,569	3153.00																			
	E0303_40010	mahmed	gassner	TL BPM System - Preliminary Design - Oversight, Reviews, Documentation	36.00	16-Sep-22	07-Nov-22	0.00	0.00	\$0	1078.00																		
	E0303_40020	mahmed	gassner	TL BPM System - Preliminary Design - Collect parameters	30.00	08-Nov-22	22-Dec-22	32.00	0.00	\$5,037	1044.00																		
	E0303_40030	mahmed	gassner	TL BPM System - Preliminary Design - Oversight, Reviews, Documentation	150.00	23-Dec-22	31-Jul-23	160.00	0.00	\$25,947	1044.00																		
	E0303_40040	mahmed	gassner	TL BPM System - Preliminary Design - Travel Support	150.00	23-Dec-22	31-Jul-23	0.00	8500.00	\$10,852	1201.00																		
	E0303_40220	mahmed	gassner	TL BPM Pick-up - Preliminary Design - BPM assembly, including buttons and housing	36.00	16-Sep-22	07-Nov-22	0.00	0.00	\$0	1124.00																		
	E0303_40230	mahmed	gassner	TL BPM Pick-up - Preliminary Design - BPM assembly, including buttons and housing	150.00	23-Dec-22	31-Jul-23	159.99	0.00	\$22,837	1090.00																		
	E0303_40400	mahmed	gassner	TL BPM Electronics - Preliminary Design -	36.00	16-Sep-22	07-Nov-22	0.00	0.00	\$0	1048.00																		
	E0303_40410	mahmed	gassner	TL BPM Electronics - Preliminary Design -	150.00	23-Dec-22	31-Jul-23	300.00	0.00	\$39,896	3127.00																		
6.03.03.04.02 TL Current and Charge Monitors				244.00	05-Oct-22	27-Sep-23	110.00	0.00	\$17,937	1059.00																			
	E0303_40610	mahmed	gassner	TL Current & Charge Monitors - Collect parameters for Preliminary Design	62.00	05-Oct-22*	06-Jan-23	16.00	0.00	\$2,518	1059.00																		
	E0303_40620	mahmed	gassner	TL Current & Charge Monitors - Collect parameters for Final Design	44.00	27-Jul-23	27-Sep-23	16.00	0.00	\$2,518	1059.00																		
	E0303_40650	mahmed	gassner	TL Current & Charge Monitors - FCT Electronic System - Preliminary Design, Oversight, Rev	138.00	09-Jan-23*	26-Jul-23	43.00	0.00	\$7,030	1059.00																		
	E0303_40810	mahmed	gassner	TL Current & Charge Monitors - ICT Electronic System - Preliminary Design, Oversight, Rev</																									

ELC - Working File

Act Update - Activities to be Cut

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	19	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	
											FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38		
6.05.07 Strong Hadron Cooling (SHC)	E0505_30670	mahmed	gassner	HF Schottky Upgrade - Electronics Design - Preliminary Design	200.00	02-Dec-22	19-Sep-23	240.00	0.00	\$38,231	1180.00																				
	E0505_30790	mahmed	gassner	HF Schottky Upgrade - Cavity - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	715.00																				
	E0505_30800	mahmed	gassner	HF Schottky Upgrade - Cavity - Preliminary Design	200.00	02-Dec-22	19-Sep-23	720.00	0.00	\$122,731	715.00																				
	E0505_30960	mahmed	gassner	IPM Upgrade - Chamber - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	1612.00																				
	E0505_30970	mahmed	gassner	IPM Upgrade - Chamber - Preliminary Design	200.00	02-Dec-22	19-Sep-23	640.00	0.00	\$95,802	1612.00																				
	E0505_31020	mahmed	gassner	IPM Upgrade - Controlled Gas Leak - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	1612.00																				
	E0505_31030	mahmed	gassner	IPM Upgrade - Controlled Gas Leak - Preliminary Design	200.00	02-Dec-22	19-Sep-23	160.00	0.00	\$24,179	1612.00																				
	E0505_31060	mahmed	gassner	IPM Upgrade - Corrector Magnet - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	1612.00																				
	E0505_31070	mahmed	gassner	IPM Upgrade - Corrector Magnet - Preliminary Design	200.00	02-Dec-22	19-Sep-23	304.00	0.00	\$44,872	1612.00																				
	E0505_31100	mahmed	gassner	IPM Upgrade - Electronic System - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	940.00																				
	E0505_31110	mahmed	gassner	IPM Upgrade - Electronic System - System Preliminary Design	200.00	02-Dec-22	19-Sep-23	400.00	0.00	\$58,759	940.00																				
	E0505_31240	mahmed	gassner	LF Schottky Upgrade - Electronics Design - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	915.00																				
	E0505_31270	mahmed	gassner	LF Schottky Upgrade - Electronics Design - Preliminary Design	200.00	02-Dec-22	19-Sep-23	160.00	0.00	\$25,550	915.00																				
	E0505_31444	mahmed	gassner	LF Schottky Upgrade - Mechanical Design - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	1612.00																				
	E0505_31445	mahmed	gassner	LF Schottky Upgrade - Mechanical Design - Preliminary Design	200.00	02-Dec-22	19-Sep-23	320.00	0.00	\$47,444	1612.00																				
	E0505_31460	mahmed	gassner	RHIC YV-IPM Relocation - Collect parameters for Preliminary Design	40.00	03-Oct-22	01-Dec-22	10.00	0.00	\$1,574	1672.00																				
	E0505_31470	mahmed	gassner	RHIC YV-IPM Relocation - Preliminary Design	200.00	02-Dec-22	19-Sep-23	180.00	0.00	\$25,405	1672.00																				
	6.05.07 Strong Hadron Cooling (SHC)				668.00	21-Jun-22	24-Feb-25	7787.00	328595.01	\$1,692,879	357.00																				
	6.05.07.01 Strong Hadron Cooling (SHC) Design				248.00	03-Oct-22	29-Sep-23	6160.00	319595.00	\$1,407,151	701.00																				
	HR_0801_1470	apatil	wange	Hadron Cooling Design - Physics Design - FY23	248.00	03-Oct-22	29-Sep-23	4400.00	0.00	\$770,146	213.00																				
	HR_0801_1510	apatil	wange	Hadron Cooling Design - Physics Design - LBNL [0.5 FTE]	64.00	03-Oct-22	06-Jan-23	0.00	74792.00	\$78,272	796.00																				
	HR_0801_1530	apatil	wange	Hadron Cooling Design - Physics Design - Cornell [1 FTE]	194.00	03-Oct-22	14-Jul-23	0.00	64477.00	\$67,477	666.00																				
	HR_0801_1550	apatil	wange	Hadron Cooling Design - Physics Design - SLAC [0.5 FTE] PO # 341037	186.00	03-Oct-22	03-Jul-23	0.00	165326.00	\$173,018	674.00																				
	HR_0801_1555	apatil	wange	Ring Cooler Physics Design - FY23	126.00	03-Apr-23*	29-Sep-23	1760.00	0.00	\$299,086	589.00																				
	HR_0801_1650	apatil	wange	Ring Cooler Physics Design - Fesibility Review - Travel	5.00	15-Jun-23*	22-Jun-23	0.00	15000.00	\$19,151	770.00																				
	6.05.07.02 Low Energy Cooling (LEC) Design				106.00	01-May-23	29-Sep-23	1467.00	0.00	\$249,295	213.00																				
HR_0801_1560	apatil	wange	LEC Physics Design [2 FTE] - FY23	106.00	01-May-23*	29-Sep-23	1467.00	0.00	\$249,295	213.00																					
6.05.07.06 Hadron Cooling Power Supplies and Cables				668.00	21-Jun-22	24-Feb-25	160.00	9000.01	\$36,433	301.00																					
RD1_0307_1720	apatil	bruno	HV DC Gun PS 600 kV - Procurement Efforts	265.00	21-Jun-22	12-Jul-23	0.00	0.00	\$0	301.00																					
RD1_0307_1740	apatil	bruno	HV DC Gun PS 600 kV - Award Contract	1.00	13-Jul-23	13-Jul-23	0.00	0.01	\$0	300.00																					
RD1_0307_1741	apatil	bruno	HV DC Gun PS 600 kV - Program Plan - Submit and Approve	10.00	14-Jul-23	27-Jul-23	0.00	0.00	\$0	312.00																					
RD1_0307_1742	apatil	bruno	HV DC Gun PS 600 kV - Finalize Monthly Technical Progress Reporting Format	10.00	14-Jul-23	27-Jul-23	0.00	0.00	\$0	312.00																					
RD1_0307_1743	apatil	bruno	HV DC Gun PS 600 kV - Finalize Monthly Performance Reporting Format	10.00	28-Jul-23	10-Aug-23	0.00	0.00	\$0	312.00																					
RD1_0307_1744	apatil	bruno	SVT - Kickoff Meeting/ Site Survey at Stony Brook 5 weeks after Contract Award	25.00	14-Jul-23	17-Aug-23	0.00	0.00	\$0	300.00																					
RD1_0307_1880	apatil	bruno	HV DC Gun PS 600 kV - Vendor Support	401.00	14-Jul-23	24-Feb-25	160.00	0.00	\$24,470	300.00																					
RD1_0307_1900	apatil	bruno	HV DC Gun PS 600 kV - Vendor Support -Travel	401.00	14-Jul-23	24-Feb-25	0.00	9000.00	\$11,963	300.00																					
6.06 Interaction Regions and Detector Interface				337.00	27-Sep-22	05-Feb-24	7084.00	489500.01	\$1,668,029	2524.00																					
6.06.01 Interaction Regions and Detector Interface Management				248.00	03-Oct-22	29-Sep-23	2640.00	29500.00	\$543,174	954.00																					
6.06.01.01 IR and Detector Interface Management - BNL				248.00	03-Oct-22	29-Sep-23	2640.00	29500.00	\$543,174	954.00																					
IR_0100_1240	glayden	drees	Interaction Regions and Detector Interface Management-FY23	248.00	03-Oct-22	29-Sep-23	2640.00	0.00	\$508,964	954.00																					
IR_0100_1260	glayden	drees	Interaction Regions and Detector Interface Management-FY23 - Material	248.00	03-Oct-22	29-Sep-23	0.00	15000.00	\$15,698	954.00																					
IR_0100_1280	glayden	drees	Interaction Regions and Detector Interface Management-FY23 - Travel	248.00	03-Oct-22	29-Sep-23	0.00	14500.00	\$18,513	954.00																					
6.06.02 Interaction Region (IR)				332.00	03-Oct-22	05-Feb-24	76.00	460000.01	\$498,395	2340.00																					
6.06.02.05 IR Instrumentation				249.00	03-Oct-22	02-Oct-23	76.00	0.00	\$11,964	2303.00																					
6.06.02.05.01 IR Beam Position Monitors				249.00	03-Oct-22	02-Oct-23	76.00	0.00	\$11,964	2303.00																					
IR_0206_1020	mahmed	gassner	IR Beam Position Monitors - Collect parameters for Preliminary Design	249.00	03-Oct-22	02-Oct-23	76.00	0.00	\$11,964	2303.00																					
6.06.02.06 Matching Magnets				248.00	07-Feb-23	05-Feb-24	0.00	460000.01	\$486,431	107.00																					
IR_0207_0950	jtolle	hwhite	Collared Dipole Design: LBNL - Prepare SOW/APP	25.00	07-Feb-23*	14-Mar-23	0.00	0.00	\$0	107.00																					
IR_0207_0980	jtolle	hwhite	Collared Dipole Design: LBNL - Procurement Effort	37.00	15-Mar-23	04-May-23	0.00	0.00	\$0	107.00																					
IR_0207_0990	jtolle	hwhite	Collared Dipole Design: LBNL - Award Contract	1.00	05-May-23	05-May-23	0.00	0.01	\$0	107.00																					
IR_0207_1000	jtolle	hwhite	Collared Dipole Design: LBNL	185.00	08-May-23	05-Feb-24	0.00	460000.00	\$486,431	107.00																					
6.06.02.07 Cables				155.00	01-Feb-23	12-Sep-23	0.00	0.00	\$0	2437.00																					
E0602_1000	jtolle	hwhite	SVT - Final Design Review - SC Magnet Wire Specification	94.00	01-Feb-23	14-Jun-23	0.00	0.00	\$0	82.00																					
E0602_1010	jtolle	hwhite	FDR: SC Magnet Wire Specification	1.00	15-Jun-23	15-Jun-23	0.00	0.00	\$0	82.00																					
E0602_1030	jtolle	hwhite	SC Strand - Direct Wind Magnets - Prepare SOW / APP	60.00	16-Jun-23	12-Sep-23	0.00	0.00	\$0	82.00																					
E0602_1180	jtolle	hwhite	SC Strand - Collared Magnets - Prepare SOW / APP	60.00	16-Jun-23	12-Sep-23	0.00	0.00	\$0	2437.00																					
6.06.03 Machine-Detector Integration				220.00	27-Sep-22	15-Aug-23	1200.00	0.00	\$230,701	2630.00																					
6.06.03.01 Machine and Detector Protection System				205.00	03-Oct-22	31-Jul-23	436.00	0.00	\$80,645	2561.00																					
6.06.03.01.01 Machine Protection System Design				205.00	03-Oct-22	31-Jul-23	436.00	0.00	\$80,645	2561.00																					
E0603_1025	glayden	drees	HSR MPS - Identify Permit Inputs for MPS	205.00	03-Oct-22	31-Jul-23	66.00	0.00	\$13,244	885.00																					

 Remaining Level of Effort
 Actual Level of Effort
 Project Baseline
 Actual Work
 Remaining Work
 JLA...

ELC - Working File

Act Update - Activities to be Cut

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID		BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	FY2020FY2021FY2022FY2023FY2024FY2025FY2026FY2027FY2028FY2029FY2030FY2031FY2032FY2033FY2034FY2035FY2036FY2037FY2038																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	E0702_11011	mahmed	jjjamik	Preliminary Design - Support Networking Prototype Activities (time series bbgging, archiving)	90.00	06-Feb-23*	13-Jun-23	150.00	0.00	\$28,918	658.00	Preliminary Design - Support Networking Prototype Activities (time series bbgging, archiving) Preliminary Design - Update Networking CD Document (alternatives, questions) Preliminary Design - Support Networking Activities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

ELC - Working File

Act Update - Activities to be Cut

TASK filter: FY23 Activities to be cut for Actuals.

Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	19	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
											FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	
6.08.02.03.02 HP HOM Absorber Prototype	RF_0802_3200	jtolle	zaltsman	Air Side Inner Conductor: Prepare Spec/SOW	10.00	25-Apr-23	08-May-23	10.00	0.00	\$1,448	471.00																			
	RF_0802_3210	jtolle	zaltsman	Air Side Inner Conductor: Procurement Process	80.00	09-May-23	31-Aug-23	0.00	0.00	\$0	471.00																			
	RF_0802_3240	jtolle	zaltsman	Doorknob - Evaluation / Preliminary Design	25.00	14-Mar-23	17-Apr-23	76.00	0.00	\$11,637	502.00																			
	RF_0802_3260	jtolle	zaltsman	Doorknob - Analysis	25.00	18-Apr-23	22-May-23	33.00	0.00	\$5,472	502.00																			
	RF_0802_3280	jtolle	zaltsman	Doorknob - Drawings / Documentation	40.00	23-May-23	20-Jul-23	80.00	0.00	\$11,492	502.00																			
	RF_0802_3300	jtolle	zaltsman	Doorknob - Vendor Support by BNL	115.00	21-Jul-23	08-Jan-24	802.00	0.00	\$128,650	502.00																			
	RF_0802_3305	jtolle	zaltsman	Doorknob - Vendor Fabrication	115.00	21-Jul-23	08-Jan-24	0.00	22500.00	\$23,853	502.00																			
	RF_0802_3320	jtolle	zaltsman	TIN Coating Samples - Evaluation / Preliminary Design - Support	87.00	03-Oct-22	09-Feb-23	80.00	0.00	\$10,330	728.00																			
	RF_0802_3325	jtolle	zaltsman	TIN Coating Samples - Evaluation / Preliminary Design	87.00	03-Oct-22	09-Feb-23	0.00	4841.00	\$5,066	728.00																			
	RF_0802_3330	jtolle	zaltsman	TIN Coating Samples - Evaluation / Preliminary Design - Travel	87.00	03-Oct-22	09-Feb-23	0.00	807.00	\$1,030	728.00																			
	RF_0802_3340	jtolle	zaltsman	TIN Coating Mockup, Samples - Evaluation / Preliminary Design - Support	87.00	03-Oct-22	09-Feb-23	124.00	0.00	\$16,628	728.00																			
	RF_0802_3342	jtolle	zaltsman	TIN Coating Mockup, Samples - Evaluation	87.00	03-Oct-22	09-Feb-23	0.00	7015.00	\$7,341	728.00																			
	RF_0802_3345	jtolle	zaltsman	TIN Coating Mockup, Samples - Evaluation / Preliminary Design - Travel	87.00	03-Oct-22	09-Feb-23	0.00	915.00	\$1,168	728.00																			
	RF_0802_3360	jtolle	zaltsman	Braze Test: Evaluation / Preliminary Design & Modeling	80.00	20-Jan-23*	12-May-23	210.00	0.00	\$27,841	422.00																			
	RF_0802_3365	jtolle	zaltsman	Braze Test: Prepare Spec/SOW	10.00	15-May-23	26-May-23	10.00	0.00	\$1,448	422.00																			
	RF_0802_3375	jtolle	zaltsman	Braze Test: Procurement Process	80.00	30-May-23	21-Sep-23	0.00	0.00	\$0	422.00																			
	RF_0802_3420	jtolle	zaltsman	Window Assembly Prototypes - Analysis, Braze Pre-stress	40.00	30-Sep-22	30-Nov-22	60.00	0.00	\$10,422	193.00																			
	RF_0802_3430	jtolle	zaltsman	FDR-1: 400 kW Fundamental Power Coupler (R&D)	2.00	26-Apr-23	27-Apr-23	0.00	0.00	\$0	193.00																			
	RF_0802_3440	jtolle	zaltsman	Window Assembly Prototypes - Analysis, Thermo-mechanical	60.00	01-Dec-22	28-Feb-23	240.00	0.00																					

EIC - Working File

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TASK filter: FY23 Activities to be cut for Actuals.

Activity ID	BNL_PMC Rep	BNL_Estim	Activity Name	Original Duration	Start	Finish	Budgeted Labor Units	Budgeted Nonlabor Units	Budgeted Total Cost	Total Float	9	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	
												FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	
6.11 Infrastructure							417.00	02-Mar-22	26-Oct-23	8799.33	29700.01	\$1,350,461	1230.00																		
6.11.01 Infrastructure Management & Engineering							417.00	02-Mar-22	26-Oct-23	8799.33	29700.01	\$1,350,461	1230.00																		
6.11.01.01 Infrastructure Management							248.00	03-Oct-22	29-Sep-23	0.00	19700.00	\$21,998	995.00																		
E1101_10000	apatil	cfolz	Computers, Software & supplies - Design - FY23				248.00	03-Oct-22	29-Sep-23	0.00	13700.00	\$14,337	995.00																		
E1101_10100	apatil	cfolz	Infrastructure Mgt Travel - Design - FY23				248.00	03-Oct-22	29-Sep-23	0.00	6000.00	\$7,661	995.00																		
E1101_10200	apatil	cfolz	Infrastructure Management - FY23				248.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	995.00																		
6.11.01.02 Infrastructure Engineering							205.00	03-Oct-22	31-Jul-23	8799.33	10000.00	\$1,328,463	1184.00																		
E1101_20000	apatil	cfolz	Civil Construction Management - FY23 - I				205.00	03-Oct-22	31-Jul-23	2933.33	0.00	\$424,885	995.00																		
E1101_20140	apatil	cfolz	Electrical Power Systems Management - FY23 - I				205.00	03-Oct-22	31-Jul-23	2933.00	0.00	\$446,556	995.00																		
E1101_20280	apatil	cfolz	Cooling Systems Management - FY23 - I				205.00	03-Oct-22	31-Jul-23	2933.00	0.00	\$446,556	995.00																		
E1101_20500	apatil	cfolz	Miscellaneous Material - Design - FY23 - I				205.00	03-Oct-22	31-Jul-23	0.00	10000.00	\$10,465	1184.00																		
6.11.01.03 Infrastructure Construction Management & Inspection							132.00	19-Apr-23	26-Oct-23	0.00	0.00	\$0	1225.00																		
E1101_30270	apatil	cfolz	Commissioning Agent Contract - Prepare Specs/ SOW				20.00	19-Apr-23*	16-May-23	0.00	0.00	\$0	1225.00																		
E1101_30290	apatil	cfolz	Commissioning Agent Contract - Procurement Efforts				112.00	17-May-23	26-Oct-23	0.00	0.00	\$0	1225.00																		
6.11.01.04 Infrastructure Services, Contracts and Permits							402.00	02-Mar-22	04-Oct-23	0.00	0.01	\$0	212.00																		
E1101_40050	apatil	cfolz	A/E Services Contract - Procurement Efforts IRB (Internal Review Board)				320.00	02-Mar-22	08-Jun-23	0.00	0.00	\$0	-100.00																		
E1101_40060	apatil	cfolz	A/E Design - Contractor Negotiations				13.00	09-Jun-23	28-Jun-23	0.00	0.00	\$0	-100.00																		
E1101_40070	apatil	cfolz	A/E Design - Conclude negotiations with selected contractor - Award Contract *				1.00	29-Jun-23	29-Jun-23	0.00	0.01	\$0	-100.00																		
E1101_40071	apatil	cfolz	SVT - A/E Design - Issue NTP				6.00	30-Jun-23	10-Jul-23	0.00	0.00	\$0	-100.00																		
E1101_40073	apatil	cfolz	A/E Design - Receipt of vendor's Quality Assurance Plan Transmittal				20.00	11-Jul-23	07-Aug-23	0.00	0.00	\$0	-100.00																		
E1101_40075	apatil	cfolz	A/E Design - BSA internal review of Quality Assurance Plan				20.00	11-Jul-23	07-Aug-23	0.00	0.00	\$0	-55.00																		
E1101_40077	apatil	cfolz	A/E Design - BSA Quality Assurance Plan review comments to vendor				20.00	11-Jul-23	07-Aug-23	0.00	0.00	\$0	-55.00																		
E1101_40080	apatil	cfolz	A/E Design - Acceptance of Project QA Plan				20.00	11-Jul-23	07-Aug-23	0.00	0.00	\$0	-55.00																		
E1101_40410	apatil	cfolz	Main CM/GC - Phase I, II and III - Prepare Selection Criteria				90.00	11-Jul-22*	16-Nov-22	0.00	0.00	\$0	-38.00																		
E1101_40420	apatil	cfolz	Main CM/GC - Phase I, II and III - Prepare Source List / SSB Team				90.00	11-Jul-22	16-Nov-22	0.00	0.00	\$0	-38.00																		
E1101_40430	apatil	cfolz	Main CM/GC - Phase I, II and III - Write Aquisition Plan				90.00	11-Jul-22	16-Nov-22	0.00	0.00	\$0	-38.00																		
E1101_40450	apatil	cfolz	Main CM/GC - Phase I, II and III - Prepare SOW Draft				222.00	11-Jul-22	30-May-23	0.00	0.00	\$0	-38.00																		
E1101_40460	apatil	cfolz	Main CM/GC - Phase I, II and III - Prepare RFP Draft				20.00	31-May-23	28-Jun-23	0.00	0.00	\$0	-38.00																		
E1101_40470	apatil	cfolz	Main CM/GC - Phase I, II and III - CRB Review				20.00	29-Jun-23	27-Jul-23	0.00	0.00	\$0	-38.00																		
E1101_40480	apatil	cfolz	Main CM/GC - Phase I, II and III - BHSO Review				20.00	28-Jul-23	24-Aug-23	0.00	0.00	\$0	-38.00																		
E1101_41220	apatil	cfolz	PSEG Load Study – Draft Report				130.00	31-Mar-23	04-Oct-23	0.00	0.00	\$0	211.00																		
6.11.03 Electrical Power Systems							63.00	01-May-23	31-Jul-23	0.00	0.00	\$0	-115.00																		
6.11.03.03 Unit Substations							63.00	01-May-23	31-Jul-23	0.00	0.00	\$0	-115.00																		
E1103_30001	apatil	nehring	Unit Substation Xfmrs for Buildings - SOW, Prepare Specification and Review				63.00	01-May-23*	31-Jul-23	0.00	0.00	\$0	-115.00																		
E1103_30010	apatil	nehring	Unit Substation Xfmrs for Buildings - Prepare Procurement Package				20.00	03-Jul-23	31-Jul-23	0.00	0.00	\$0	-115.00																		
E1103_30011	apatil	nehring	Unit Substation Xfmrs for Buildings - FDR				1.00	31-Jul-23	31-Jul-23	0.00	0.00	\$0	-115.00																		
6.12 Pre-Operations							249.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	646.00																		
6.12.01 Pre-Operations Planning and Management							249.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	646.00																		
6.12.01.01 Pre-Operations Management - BNL							248.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	640.00																		
PO_0201_0010	egolnar	blednykh	Systems Commissioning Management & Planning - FY23				248.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	640.00																		
6.12.01.02 Pre-Operations Management - TJ							246.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	637.00																		
PO_0102_2000	pkessler	Satogata	Systems Commissioning Management & Planning - FY23				246.00	03-Oct-22	29-Sep-23	0.00	0.00	\$0	637.00																		