

PPU DOE Project Execution Plan Milestones

Activity ID	Level 1 Milestone	DOE Dates	Status Date (May21)
N/A	CD-0, Approve Mission Need	Jan 2009 (A)	07-Jan-09 (A)
P112MCD01	CD-1, Approve Alternative Selection and Cost Range	Apr 2018 (A)	04-Apr-18 (A)
P112MCD013a	CD-3A, Approve Long Lead Procurement	Oct 2018 (A)	05-Oct-18 (A)
P112MCD3B2FA	CD-3B, Approve Long Lead Procurement	Sep 2019 (A)	03-Sep-19 (A)
P112MCD3FA	CD-2, Approve Performance Baseline and Long Lead Procurement	Q1 FY21	06-Oct-20 (A)
	CD-3, Approve Start of Construction	Q1 FY21	06-Oct-20 (A)
P112MCD04_LF	CD-4, Approve Project Completion (Level 0 Milestone)	Q4 FY28	31-Jul-28

Activity ID	Level 2 Milestone	DOE Dates	Status Date (May21)
	P.1 Project Management		
P131M70	Proton Facility (PF) and Neutron Facility (NF) - Facility Safety Assessment Document (FSAD) updates complete	Q3 FY26	10-Nov-22
	P.2 SCL Systems		
P221MS007	Contract for superconducting cavities awarded	Dec 2018 (A)	21-Dec-18 (A)
P231MS010	Contract for cryomodule fabrication awarded	Sep 2019 (A)	23-Sep-19 (A)
P222MS125	First 5 production cavities received on site and successfully passed factory acceptance and receiving inspections	Q2FY24	24-Sept-20 (A)
P262MS001	First cryomodule on site and successfully passed factory acceptance and receiving inspections	Q3FY25	21-Feb-22
P222MS135	Last 5 production cavities received on site and successfully passed factory acceptance and receiving inspections	Q4FY24	26-Feb-21 (A)
P02IT1	Cryomodules 31 & 32 installed and system test completed	Q3FY26	5-Oct-22
P02IT2	Cryomodules 28, 29 & 30 installed and system test completed	Q4FY26	19-Apr-23
P02IT3	Cryomodules 25 & 27 installed and system test completed	Q4FY27	10-May-24
	P.3 RF Systems		
P322MS002	Contract for transmitters awarded	Oct 2019 (A)	31-Oct-19 (A)
P372MS390	Installation and successful functional testing of KL-06 deionized water system completed	Q4FY25	12-Oct-22
P36MS006	Installation and successful functional testing of first SCL HVCM system completed	Q4FY25	1-Jul-22
P322MS70	Installation and successful functional testing of Superconducting Linac High Power Radio Frequency systems completed	Q3FY26	6-Nov-23
P377I455	Installation of chase inserts and firestop/shield blocks completed	Q4FY27	17-May-24
	P.4 Ring Systems		
P42MS007	Injection region magnets on site and successfully passed functional testing	Q1FY26	13-Dec-22
P4434IMS001	Installation of extraction kicker power supply upgrade completed	Q1FY27	22-Jun-23
	P.5 First Target Station Systems		
P5921MS006	Contract for 2MW target awarded	Q3FY24	30-Oct-20 (A)
P5344MS001	Mercury process loop and MOTS modifications complete and successfully passed functional testing	Q4FY26	7-Feb-23
	P.6 Conventional Facilities		
P62MS001	Klystron gallery CF construction complete	Q4FY24	06-Apr-21 (A)
P62MS006	Ring-to-Target Beam Transport (RTBT) stub construction complete	Q1FY27	1-Aug-23
	P.8 Pre-Operations		
P811MS001	SNS power ramp up to 1.7MW complete	Q1FY28	24-Jul-24