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CEBAF Performance Plan; A Machine Management Strategy

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Jefferson Lab's Continuous Electron Beam Accelerator Facility (CEBAF) has transitioned to Physics operations after completing commissioning of the 12 GeV upgrade. In many instances, new 12 GeV systems have been integrated into the original CEBAF infrastructure and systems. Reliability of these systems, old and new, have gained attention as CEBAF Operations and Engineering groups learn this "new" machine. A concise, published strategy was developed taking aim at ramping up CEBAF weeks of operation while strategically improving performance. A phased 20 year investment plan, the CEBAF Performance Plan (CPP) draws from all groups at JLab to integrate resources and assets across the lab complex to successfully execute and achieve results. In this presentation, I will summarize and discuss the development of the CEBAF Performance Plan, its execution to date, and challenges faced when implementing a strategy such as the CPP.

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