

## Key Performance Metrics (KPMs) for the HEX Beamline

The Key Performance Metrics (KPMs) for the HEX beamline are listed below. This list is taken directly from page 3 of the NYSERDA contract 110960 with BSA, for the HEX Beamline at NSLS-II.

Key Performance Metric	Objective	Objective Measure
Beamline Design	Flexible Hard X-ray beamline design with one functional branch line with affordances for a total of three branch lines.	Fully documented in the final Design Review.
SCW Source	Capable of producing photons of at least 150 keV.	Analysis of measured parameters of the final SCW.
Photon Delivery System	Capable of delivering monochromatic or white (non-monochromatic) x-ray beam.	Successful completion of the IRR (Instrument Readiness Review).
Satellite End Station	At least 3000 GSF building housing integrated experimental end station enclosures (hutches).	Evaluation of the completed structure and successful completion of the BORE (Beneficial Occupancy Review Evaluation).