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High Energy Photon Source Controls Status Report

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An ultra-low emittance, 6-GeV high energy synchrotron radiation light source which contains a linac, a booster, a 1360-m circumference storage ring, and fifteen beamlines in phase one will be built in suburban Beijing. The number of devices and complexity level for the new machine is extremely large which requires a modern control system design for smooth operation. The preliminary control system design will be presented. New development for high-level software and databases is described. Possible EPICS related development is planned.

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