

Resonant and High Magnetic-Field Scattering		Resources Available - BE			
		Mid 2012	Mid 2014	Mid 2016	2017
Beamline	X-ray Source	Total	Total	Total	Total
<b>NLSL-I</b>		0.8	0.8	0	0
X19A <sup>a</sup>	Bend	0	0	0	0
X21	Wiggler	0.35	0.35	0	0
X22C	Bend	0.45	0.45	0	0
<b>APS</b>		1.65	1.65	1.65	1
4-ID-D	Undulator	1	1	1	1
6-ID-B,C <sup>b</sup>	Undulator	0.65	0.65	0.65	0
<b>ALS</b>		0	0	0	0
<b>SSRL</b>		0.3	0.3	0.3	0.3
BL2-1	Bend	0.15	0.15	0.15	0.15
BL7-2	Wiggler	0.15	0.15	0.15	0.15
<b>NLSL-II</b>		0	0	0.45	0.9
ISR <sup>c</sup>	Undulator	0	0	0	0.45
MPP <sup>d</sup>	3P Wiggler	0	0	0.45	0.45
<b>Total</b>		<b>2.75</b>	<b>2.75</b>	<b>2.4</b>	<b>2.2</b>

	resonant scattering
	resonant and high magnetic-field scattering
	resonant scattering and XMCD
	resonant and high magnetic-field scattering and XMCD

BE - Beamline equivalent - 1 BE is a station running the full operating schedule of the facility. Typically 5000 hours/year.

**Boldface** = oversubscribed

Footnotes:

a = Resonant scattering program inactive since summer 2010

b = Resonant and high magnetic-field scattering programs not anticipated to be affected by APS Upgrade until at least the end of 2014, and then expected to carry on in the absence of a surface/interface scattering program

c = Anticipate 0.35 BE for resonant and high magnetic-field scattering and XMCD beginning in ~2017

d = Anticipate 0.35 BE for resonant scattering after commissioning