

The following numbers are the results of implementing Smart Lab retrofits at the UC Irvine lab buildings. The usage shown is not total energy use for the buildings themselves rather the before and after readings for the systems affected by the Smart Lab retrofit.

Smart Lab retrofits change the lighting, heating, air conditioning, and ventilation energy use of the building. The retrofits do not alter the substantial plug, information technology, and other research associated loads.

The numbers are per year, and the year of retrofit differs from building to building.

Building Name	kWh Pre Retrofit	kWh Post Retrofit	Therms Pre Retrofit	Therms Post Retrofit
<b>Natural Sciences Unit 2</b>	2,861,445	1,501,272	51,210	19,588
<b>Biological Sciences Unit 3</b>	1,894,712	1,045,937	53,026	9,977
<b>Croul Hall</b>	1,246,111	753,569	26,150	15,587
<b>Sprague Hall</b>	1,414,796	409,117	76,732	13,419
<b>Calit2</b>	517,551	281,551	32,649	7,089
<b>Hewitt Hall</b>	1,653,100	693,350	37,215	8,598
<b>McGaugh Hall</b>	10,764,156	4,679,700	411,746	133,970
<b>Reines Hall</b>	7,206,770	2,407,705	282,031	65,956
<b>Gillespie Neuroscience</b>	430,174	180,297	46,784	8,947
<b>Engineering Hall</b>	288,754	118,879	32,649	7,089
<b>Total</b>	<b>28,277,569</b>	<b>12,071,377</b>	<b>1,050,192</b>	<b>296,220</b>