

University of Idaho Solar Site Assessment



Location	Public Prox.		Payback Period		Aesthetic Impact	Location Access	S Service Access		Percent of Load S		aredness	Total Points:	Other Metrics/Data								Location Comments:
	TIP	Points	Years	Points	Points	Points	Points	% Load	Points	Age	Points	rotarromts.	Area (m) Consum.	kW DC	\$/W	kWh/yr	Prod. \$	CO2 lbs	Туре	Location comments.
Shoup	2304	5	35.1	1	5	3	3	1.05	5	1984	1	23	267	53,837	40	\$2.74	56729	3120	73840	Roof	Needs roof repair
Ed Lawn	1929	3	30.5	3	1	5	3	0.51	5	N/A	3	23	534	224,586	80	\$2.38	113600	6248	147680	Ground	
IRIC Roof	6734	5	27.6	5	5	5	3	0.42	3	2016	5	31	542	334,462	100	\$2.14	141,115	7761	183450	Roof	
IT Lawn	96	1	28.1	3	1	5	1	N/A	1	N/A	5	17	1004	135	150	\$2.20	213443	11739	277476	Ground	Vehicle access, iconic
Bookstore	1100	3	40.7	5	5	5	5	0.97	1	2001	1	25	267	195,676	200	\$2.13	190,352	10469	247458	Roof	Easiest roof access
Facil. Lot	238	1	45.9	1	5	5	3	N/A	1	N/A	1	17	210	N/A	40	\$3.45	54,665	3007	71065	Cover	Would need structures
JEB Roof	4044	5	33.2	3	5	3	3	0.35	3	2012	5	27	450	334,463	85	\$2.51	116,867	6428	151927	Roof	
Swim Ctr.	2933	5	29.1	5	5	3	1	0.84	5	2013	5	29	1340	379,485	250	\$2.05	320,050	17603	416065	Roof	
Commons	5486	5	33.3	1	3	1	3	0.04	1	2000	3	17	334	1,595,794	50	\$2.61	71,195	3916	92554	Roof	Difficult maintenance
SRC Roof	903	1	32.1	3	5	3	3	0.10	1	2000	3	19	370	927,740	70	\$2.42	95,904	5275	124675	Roof	Difficult maintenance
Kibbie Lot	404	1	41.4	1	3	5	5	N/A	1	N/A	1	17	2120	N/A	400	\$3.14	551,857	30352	717414	Cover	Would need structures
GJL Roof	4312	5	30.7	3	5	5	5	0.18	1	2011	3	27	520	756,381	100	\$2.31	136,868	7528	177928	Roof	Cluttered roof
Kibbie	421	1	23.2	5	1	1	3	0.40	3	2001	5	19	800	2,471,700	725	\$1.75	993,808	54659	1291950	Roof	Iconic
PEB Roof	1289	3	28.4	5	3	3	1	0.34	3	2013	5	23	710	438,566	105	\$2.19	147,139	8093	191281	Roof	
A&A East	821	3	34.7	1	5	5	1	0.93	5	2000	3	23	500	88,284	60	\$2.61	81,964	4508	106553	Ground	Upcoming construction
Criteria Comments:	array's visibility, the num tags with a n	based on ber of TIP in 1/8th of nile. 00 = 5 00 = 3	represe quickly a g will gen installan worth oj 5 = Lo 3 = N	given array erate its tion cost f energy. pwest	This metric takes into consideration how a solar installtion will affect the aesthetic of a given location. 5 = Positive 3 = Neutral 1 = Negative	This metric reflects the relative ease of access to the location for installation and maintenance. 5 = Easy 3 = Neutral 1 = Complicated	This metric is the relative ease of access to the location switch gear for interconnection. S = Easy 3 = Neutral 1 = Complicated	This m demonsta percent build consump array wou 5 = Easy = Neu 1 = Comp	tes what of the ings tion the Id cover. 3 utral	Metric bas age of the amount required t site for ins 5 = Lc 3 = Ne 1 = Hi	roof and of work o prepare stallation. west eutral	OBJECTIVE METRIC FOR SITE SELECTION	Area of the array in meters.	Location energy consumption. (If applicable)	Nameplate capactiy of the solar array. Conservative estimates used.	Cost per installed watt of solar modules. Rating of scale and efficiency.	This is the annual energy production of the solar array.	Value of annually produced energy.	Annual equivalent CO2 offets of array.	Location or type of installation	Assessment developed by Kennedy Caisley, Kristyn Hardy, and Jeannie Mathieson