

Horse-power (HP)	Operating hours	kWh	Annual kWh consumed	Energy cost	Basic cost	Annual cost
200		165.8				
	800		132,640	\$8,820.56	\$3,204.00	\$12,024.56
	1,200		198,960	\$13,230.84	\$3,204.00	\$16,434.84
	1,500		248,700	\$16,538.55	\$3,204.00	\$19,742.55
	2,000		331,600	\$22,051.40	\$3,204.00	\$25,255.40
	3,000		497,400	\$33,077.10	\$3,204.00	\$36,281.10
250		207.25				
	800		165,800	\$11,025.70	\$4,005.00	\$15,030.70
	1,200		248,700	\$16,538.55	\$4,005.00	\$20,543.55
	1,500		310,875	\$20,673.19	\$4,005.00	\$24,678.19
	2,000		414,500	\$27,564.25	\$4,005.00	\$31,569.25
	3,000		621,750	\$41,346.38	\$4,005.00	\$45,351.38
300		248.7				
	800		198,960	\$13,230.84	\$4,806.00	\$18,036.84
	1,200		298,440	\$19,846.26	\$4,806.00	\$24,652.26
	1,500		373,050	\$24,807.83	\$4,806.00	\$29,613.83
	2,000		497,400	\$33,077.10	\$4,806.00	\$37,883.10
	3,000		746,100	\$49,615.65	\$4,806.00	\$54,421.65
400		331.6				
	800		265,280	\$17,641.12	\$6,408.00	\$24,049.12
	1,200		397,920	\$26,461.68	\$6,408.00	\$32,869.68
	1,500		497,400	\$33,077.10	\$6,408.00	\$39,485.10
	2,000		663,200	\$44,102.80	\$6,408.00	\$50,510.80
	3,000		994,800	\$66,154.20	\$6,408.00	\$72,562.20

Basic load charge (April to October) = \$2.67/HP/MONTH

All Energy = \$.0665/kWh

HP x .829 = kWh/HR



Surprise Valley Electrification Corp.

516 U.S Hwy 395 East, Alturas, CA 96101

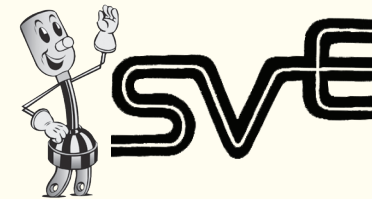
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Irrigation Cost Guide



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Surprise Valley Electrification Corp.

Use this guide to estimate annual irrigation costs based on operating hours and horsepower. Typical operating hours to grow alfalfa and pasture are in the 1,500- to 2,000-hour range. Operating hours for a grain crop are in the 800- to 1,200-hour range.

April 2018

Horse-power (HP)	Operating hours	kWh	Annual kWh consumed	Energy cost	Basic cost	Annual cost
5		4.15				
	800		3,320	\$220.78	\$80.10	\$300.88
	1,200		4,980	\$331.17	\$80.10	\$411.27
	1,500		6,225	\$413.96	\$80.10	\$494.06
	2,000		8,300	\$551.95	\$80.10	\$632.05
	3,000		12,450	\$827.93	\$80.10	\$908.03
10		8.29				
	800		6,632	\$441.03	\$160.20	\$601.23
	1,200		9,948	\$661.54	\$160.20	\$821.74
	1,500		12,435	\$826.93	\$160.20	\$987.13
	2,000		16,580	\$1,102.57	\$160.20	\$1,262.77
	3,000		24,870	\$1,653.86	\$160.20	\$1,814.06
20		16.58				
	800		13,264	\$882.06	\$320.40	\$1,202.46
	1,200		19,896	\$1,323.08	\$320.40	\$1,643.48
	1,500		24,870	\$1,653.86	\$320.40	\$1,974.26
	2,000		33,160	\$2,205.14	\$320.40	\$2,525.54
	3,000		49,740	\$3,307.71	\$320.40	\$3,628.11
30		24.87				
	800		19,896	\$1,323.08	\$480.60	\$1,803.68
	1,200		29,844	\$1,984.63	\$480.60	\$2,465.23
	1,500		37,305	\$2,480.78	\$480.60	\$2,961.38
	2,000		49,740	\$3,307.71	\$480.60	\$3,788.31
	3,000		74,610	\$4,961.57	\$480.60	\$5,442.17
40		33.16				
	800		26,528	\$1,764.11	\$640.80	\$2,404.91
	1,200		39,792	\$2,646.17	\$640.80	\$3,286.97
	1,500		49,740	\$3,307.71	\$640.80	\$3,948.51
	2,000		66,320	\$4,410.28	\$640.80	\$5,051.08
	3,000		99,480	\$6,615.42	\$640.80	\$7,256.22

Horse-power (HP)	Operating hours	kWh	Annual kWh consumed	Energy cost	Basic cost	Annual cost
50		41.45				
	800		33,160	\$2,205.14	\$801.00	\$3,006.14
	1,200		49,740	\$3,307.71	\$801.00	\$4,108.71
	1,500		62,175	\$4,134.64	\$801.00	\$4,935.64
	2,000		82,900	\$5,512.85	\$801.00	\$6,313.85
	3,000		124,350	\$8,269.28	\$801.00	\$9,070.28
60		49.74				
	800		39,792	\$2,646.17	\$961.20	\$3,607.37
	1,200		59,688	\$3,969.25	\$961.20	\$4,930.45
	1,500		74,610	\$4,961.57	\$961.20	\$5,922.77
	2,000		99,480	\$6,615.42	\$961.20	\$7,576.62
	3,000		149,220	\$9,923.13	\$961.20	\$10,884.33
75		62.18				
	800		49,744	\$3,307.98	\$1,201.50	\$4,509.48
	1,200		74,616	\$4,961.96	\$1,201.50	\$6,163.46
	1,500		93,270	\$6,202.46	\$1,201.50	\$7,403.96
	2,000		124,360	\$8,269.94	\$1,201.50	\$9,471.44
	3,000		186,540	\$12,404.91	\$1,201.50	\$13,606.41
100		82.9				
	800		66,320	\$4,410.28	\$1,602.00	\$6,012.28
	1,200		99,480	\$6,615.42	\$1,602.00	\$8,217.42
	1,500		124,350	\$8,269.28	\$1,602.00	\$9,871.28
	2,000		165,800	\$11,025.70	\$1,602.00	\$12,627.70
	3,000		248,700	\$16,538.55	\$1,602.00	\$18,140.55
125		103.63				
	800		82,904	\$5,513.12	\$2,002.50	\$7,515.62
	1,200		124,356	\$8,269.67	\$2,002.50	\$10,272.17
	1,500		155,445	\$10,337.09	\$2,002.50	\$12,339.59
	2,000		207,260	\$13,782.79	\$2,002.50	\$15,785.29
	3,000		310,890	\$20,674.19	\$2,002.50	\$22,676.69
150		124.35				
	800		99,480	\$6,615.42	\$2,403.00	\$9,018.42
	1,200		149,220	\$9,923.13	\$2,403.00	\$12,326.13
	1,500		186,525	\$12,403.91	\$2,403.00	\$14,806.91
	2,000		248,700	\$16,538.55	\$2,403.00	\$18,941.55
	3,000		373,050	\$24,807.83	\$2,403.00	\$27,210.83