



## YEARLY KWH ENERGY USAGE CHART FOR PUMPS

		PUMP POWER IN HORSEPOWER																			
		25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
Average Daily Pump Usage	1	6,805	13,609	20,414	27,218	34,023	40,828	47,632	54,437	61,242	68,046	74,851	81,655	88,460	95,265	102,069	108,874	115,679	122,483	129,288	136,092
	2	13,609	27,218	40,828	54,437	68,046	81,655	95,265	108,874	122,483	136,092	149,702	163,311	176,920	190,529	204,139	217,748	231,357	244,966	258,576	272,185
	3	20,414	40,828	61,242	81,655	102,069	122,483	142,897	163,311	183,725	204,139	224,553	244,966	265,380	285,794	306,208	326,622	347,036	367,450	387,864	408,277
	4	27,218	54,437	81,655	108,874	136,092	163,311	190,529	217,748	244,966	272,185	299,403	326,622	353,840	381,059	408,277	435,496	462,714	489,933	517,151	544,370
	5	34,023	68,046	102,069	136,092	170,116	204,139	238,162	272,185	306,208	340,231	374,254	408,277	442,301	476,324	510,347	544,370	578,393	612,416	646,439	680,462
	6	40,828	81,655	122,483	163,311	204,139	244,966	285,794	326,622	367,450	408,277	449,105	489,933	530,761	571,588	612,416	653,244	694,072	734,899	775,727	816,555
	7	47,632	95,265	142,897	190,529	238,162	285,794	333,427	381,059	428,691	476,324	523,956	571,588	619,221	666,853	714,485	762,118	809,750	857,383	905,015	952,647
	8	54,437	108,874	163,311	217,748	272,185	326,622	381,059	435,496	489,933	544,370	598,807	653,244	707,681	762,118	816,555	870,992	925,429	979,866	1,034,303	1,088,740
	9	61,242	122,483	183,725	244,966	306,208	367,450	428,691	489,933	551,174	612,416	673,658	734,899	796,141	857,383	918,624	979,866	1,041,107	1,102,349	1,163,591	1,224,832
	10	68,046	136,092	204,139	272,185	340,231	408,277	476,324	544,370	612,416	680,462	748,509	816,555	884,601	952,647	1,020,694	1,088,740	1,156,786	1,224,832	1,292,878	1,360,925
	11	74,851	149,702	224,553	299,403	374,254	449,105	523,956	598,807	673,658	748,509	823,359	898,210	973,061	1,047,912	1,122,763	1,197,614	1,272,465	1,347,315	1,422,166	1,497,017
	12	81,655	163,311	244,966	326,622	408,277	489,933	571,588	653,244	734,899	816,555	898,210	979,866	1,061,521	1,143,177	1,224,832	1,306,488	1,388,143	1,469,799	1,551,454	1,633,110
	13	88,460	176,920	265,380	353,840	442,301	530,761	619,221	707,681	796,141	884,601	973,061	1,061,521	1,149,981	1,238,441	1,326,902	1,415,362	1,503,822	1,592,282	1,680,742	1,769,202
	14	95,265	190,529	285,794	381,059	476,324	571,588	666,853	762,118	857,383	952,647	1,047,912	1,143,177	1,238,441	1,333,706	1,428,971	1,524,236	1,619,500	1,714,765	1,810,030	1,905,295
	15	102,069	204,139	306,208	408,277	510,347	612,416	714,485	816,555	918,624	1,020,694	1,122,763	1,224,832	1,326,902	1,428,971	1,531,040	1,633,110	1,735,179	1,837,248	1,939,318	2,041,387
	16	108,874	217,748	326,622	435,496	544,370	653,244	762,118	870,992	979,866	1,088,740	1,197,614	1,306,488	1,415,362	1,524,236	1,633,110	1,741,984	1,850,858	1,959,732	2,068,606	2,177,479
	17	115,679	231,357	347,036	462,714	578,393	694,072	809,750	925,429	1,041,107	1,156,786	1,272,465	1,388,143	1,503,822	1,619,500	1,735,179	1,850,858	1,966,536	2,082,215	2,197,893	2,313,572
	18	122,483	244,966	367,450	489,933	612,416	734,899	857,383	979,866	1,102,349	1,224,832	1,347,315	1,469,799	1,592,282	1,714,765	1,837,248	1,959,732	2,082,215	2,204,698	2,327,181	2,449,664
	19	129,288	258,576	387,864	517,151	646,439	775,727	905,015	1,034,303	1,163,591	1,292,878	1,422,166	1,551,454	1,680,742	1,810,030	1,939,318	2,068,606	2,197,893	2,327,181	2,456,469	2,585,757
	20	136,092	272,185	408,277	544,370	680,462	816,555	952,647	1,088,740	1,224,832	1,360,925	1,497,017	1,633,110	1,769,202	1,905,295	2,041,387	2,177,479	2,313,572	2,449,664	2,585,757	2,721,849
	21	142,897	285,794	428,691	571,588	714,485	857,383	1,000,280	1,143,177	1,286,074	1,428,971	1,571,868	1,714,765	1,857,662	2,000,559	2,143,456	2,286,353	2,429,251	2,572,148	2,715,045	2,857,942
	22	149,702	299,403	449,105	598,807	748,509	898,210	1,047,912	1,197,614	1,347,315	1,497,017	1,646,719	1,796,421	1,946,122	2,095,824	2,245,526	2,395,227	2,544,929	2,694,631	2,844,333	2,994,034
	23	156,506	313,013	469,519	626,025	782,532	939,038	1,095,544	1,252,051	1,408,557	1,565,063	1,721,570	1,878,076	2,034,582	2,191,089	2,347,595	2,504,101	2,660,608	2,817,114	2,973,620	3,130,127
	24	163,311	326,622	489,933	653,244	816,555	979,866	1,143,177	1,306,488	1,469,799	1,633,110	1,796,421	1,959,732	2,123,043	2,286,353	2,449,664	2,612,975	2,776,286	2,939,597	3,102,908	3,266,219

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The following table makes some assumptions and is designed to estimate electricity usage. It is not exact, and every farm has its own unique factors. The table is a tool used as part of a bigger process for managing rising electrical costs. Farmers interested in better understanding their exact power consumption, a free electrical audit by Revel Energy is the best option towards lowering power costs.