



Note: This comparison is based off of December 2014 Costs. The Model 2100-SE uses a 75Hp, Baldor, Electric Motor.

Model 2100-SE Versus 16 Metric Ton, Diesel Excavator Cost Analysis - December 2014												
Avg. Regional, Commercial Power Rates	\$/KWH	2100 Avg. Kwh Usage/Hr	Cost / Hr	Cost / 8Hr	Cost/260 Days	Diesel Prices	Avg. Diesel Usage: Gal/Hr	Cost/Hr	Cost / 8Hr	Cost/260 Days	Savings/Yr.	Savings/7Yr.
New England (CT, ME, MA, NH, RI, VT)	0.1433	35	\$ 5.02	\$ 40.12	\$ 10,432.24	\$ 3.55	3.5	\$12.43	\$ 99.40	\$ 25,844.00	\$ 15,411.76	\$ 107,882.32
Mid Atlantic (NJ, NY, PA)	0.1401	35	\$ 4.90	\$ 39.23	\$ 10,199.28	\$ 3.45	3.5	\$12.08	\$ 96.60	\$ 25,116.00	\$ 14,916.72	\$ 104,417.04
East North Central (IL, IN, MI, OH, WI)	0.0993	35	\$ 3.48	\$ 27.80	\$ 7,229.04	\$ 3.85	3.5	\$13.48	\$ 107.80	\$ 28,028.00	\$ 20,798.96	\$ 145,592.72
West N. Central (IA, KS, MN, MO, NB, ND, SD)	0.0946	35	\$ 3.31	\$ 26.49	\$ 6,886.88	\$ 3.78	3.5	\$13.23	\$ 105.84	\$ 27,518.40	\$ 20,631.52	\$ 144,420.64
So. Atlantic (DE, VA, DC, NC, SC, GA, FL, MD, WV)	0.097	35	\$ 3.40	\$ 27.16	\$ 7,061.60	\$ 3.42	3.5	\$11.97	\$ 95.76	\$ 24,897.60	\$ 17,836.00	\$ 124,852.00
East South Central (AL, MS, KY, TN)	0.1019	35	\$ 3.57	\$ 28.53	\$ 7,418.32	\$ 3.35	3.5	\$11.73	\$ 93.80	\$ 24,388.00	\$ 16,969.68	\$ 118,787.76
West South Central (TX, AR, LA, OK)	0.0822	35	\$ 2.88	\$ 23.02	\$ 5,984.16	\$ 3.41	3.5	\$11.94	\$ 95.48	\$ 24,824.80	\$ 18,840.64	\$ 131,884.48
Mountain (AZ, CO, ID, MT, NV, NM, WY, UT)	0.1018	35	\$ 3.56	\$ 28.50	\$ 7,411.04	\$ 3.65	3.5	\$12.78	\$ 102.20	\$ 26,572.00	\$ 19,160.96	\$ 134,126.72
Pacific (CA, OR, WA)	0.1581	35	\$ 5.53	\$ 44.27	\$ 11,509.68	\$ 3.64	3.5	\$12.74	\$ 101.92	\$ 26,499.20	\$ 14,989.52	\$ 104,926.64
Alaska (AK)	0.1734	35	\$ 6.07	\$ 48.55	\$ 12,623.52	\$ 3.80	3.5	\$13.30	\$ 106.40	\$ 27,664.00	\$ 15,040.48	\$ 105,283.36
Hawaii (HA)	0.3474	35	\$ 12.16	\$ 97.27	\$ 25,290.72	\$ 4.80	3.5	\$16.80	\$ 134.40	\$ 34,944.00	\$ 9,653.28	\$ 67,572.96

**Other Advantages of Using a Stationary Electric:**

- 1] No Diesel Exhaust
- 2] No Motor Oil Changes
- 3] No Air Filters
- 4] No rubber tires to repair or replace
- 5] Less damage to tipping floor caused by tracks or rubber tires
- 6] More Uptime as a result