

Award Recipient of the ENERGY STAR Challenge for Industry



Las Vegas Cement Terminal
CalPortland Company
4928 Donovan Way
North Las Vegas, NV 89081

The CalPortland Las Vegas Terminal opened on November 5th 1999 with three small silos and enough track to hold thirty-two 100 ton cement rail cars. The terminal now has 5 silos and 2 sets of loop track to hold 9600 tons of cement rail cars. The terminal receives 45 car unit trains, unloads the cement in approximately 24 hours, and loads the cement in bulk cement trucks for shipment into the Las Vegas market.

The terminal was originally designed to use pneumatic conveyance for transferring cement from the rail cars to the cement silos. The rail unloading and storage of the plant was modified to use mechanical screw and bucket elevator conveyance which significantly improves the energy efficiency of the unloading process, and reduces the total runtime of equipment. The operations of the plant were modified by the plant to use best practices in the compressed air and the lighting systems of the facility. Through excellent energy management practices, the Las Vegas Terminal was able to reduce its energy intensity by 32.8% from 2009 to 2011.

CalPortland Company has a corporate wide energy management program, utilizing many practices from the ENERGY STAR Guidelines for Energy Management. The management and personnel at the Las Vegas Terminal have shown enthusiastic involvement in the CalPortland Energy Management program, and have proven themselves to be at a high standard by meeting the ENERGY STAR Challenge for Industry

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