



PROBLEM SOLVED™ PAPER

SOLUTION: Martin® Tracker™ Reversing

INDUSTRY: Coal-Fired Power

LOCATION: Mid American Energy George Neal Station South, USA

PROBLEM

George Neal Station South, a coal-fired power station owned by Mid American Energy, was running into problems during the reclaiming and stacking out coal phase. The reclaim belt was consistently encountering tracking problems in both directions. Belt mistracking leads to material spillage, along with the dangers of manually cleaning it up and increased maintenance expenses.



Mid American Energy 's reclaim belt was mistracking during the reclaim and coal stack out process.

SOLUTION

After analyzing the equipment and the problem, MartinPLUS® Installation Services installed a Martin® Tracker™ Reversing. The Martin® Tracker™ immediately provides continuous precision adjustment of hard-to-track conveyor belts. Featuring sensing rollers and lever arms on both ends of the unit, the Martin® Tracker™ Reversing effectively centers the belt regardless of the direction of travel. It contains a stainless steel paddle wheel to sense the direction of belt travel and activates the sensing rollers on the proper end of the unit.



MartinPLUS® Installation Crew installing the Martin® Tracker™ Reversing.

RESULTS

The Martin® Tracker™ solved the mistracking issue in both directions, resulting in a properly aligned belt and therefore eliminating spillage and decreasing maintenance expenses. According to Charles McGuire, Maintenance Planner, once the Martin® Tracker™ was installed, coal handlers were amazed how well the belt tracked during the reclaim and stack out phase. The plant is in the process of purchasing more belt trackers from Martin Engineering.



The Martin® Tracker™ Reversing helps cure wandering belts - in both directions.