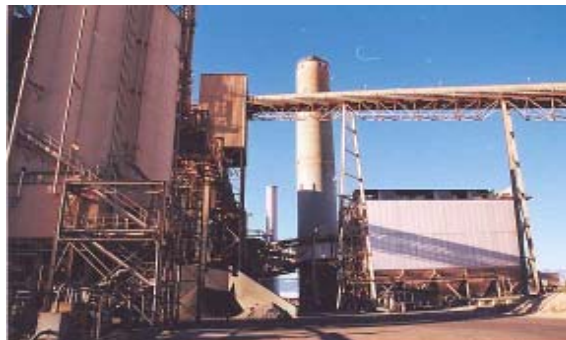


MIDWESCO CASE HISTORIES

Membrane Bags Help Power Plant Meet Output Requirements

PROBLEM

This utility was load-limited, and could not sustain full-load operations. When dispatch called for 120 megawatts of power, this station could not respond. They were baghouse-limited, running at 11" – 12" DP and could not draft the boiler sufficiently at full load.



SOLUTION

Midwesco introduced our 107TEX woven fiberglass with ePTFE membrane to solve this problem. Midwesco's 107TEX uses a micro-porous ePTFE membrane to enhance air flows, reduce media drag and enhance ash release.

RESULTS

Midwesco had filter bags and installation crews on-site within three weeks after receiving the order. Our crews, working with the unit online, completely redressed the ten-compartment reverse-gas cleaned baghouse within less than two weeks. By the time only six compartments were dressed with the new 107TEX fiberglass/membrane bags, this utility was able to run at full load, meeting the dispatch order for 120 megawatts.



FOLLOW-UP DATA

1. Utility now considering burning less-expensive, higher ash coal, will save on fuel costs.
2. Baghouse operates at 2" – 4" DP, lower fan operating costs
3. Cleaning system operations reduced 75%, equals longer bag life.
4. Opacity excursions eliminated.
5. Dispatch has full access to plant capacity.

Contact your Midwesco representative to learn more details of this project and others.

midwesco
Filter Resources, Inc.

P.O. Box 2075
Winchester, Virginia 22604
(540) 667-8500
FAX (540) 667-9074
Toll Free 1-800-336-7300
www.midwescofilter.com