

# Workshop Agenda

## CHP and Bioenergy for Landfills and Wastewater Treatment Plants

Denver, CO  
November 7-8, 2007

Presented by  
Intermountain CHP Center  
[www.intermountainchp.org](http://www.intermountainchp.org)

Co-Sponsored by

TriState Generation and Transmission Association  
Governor's Energy Office of Colorado  
Rocky Mountain Water Environment Association

**8:00-8:30** Registration and Continental Breakfast

### Morning Group Sessions

8:30 Welcome and Logistics Overview

Tom Broderick, Intermountain CHP Center

8:45 Benefits of Biogas-Fueled CHP

Tom Broderick, presenting for EPA CHP Partnership

9:00 Market Size/Market Opportunities

Paul Lemar, President, Resource Dynamics Corporation

9:45 CHP Systems for Landfills and Wastewater Treatment Plants

Paul Lemar, President, Resource Dynamics Corporation

10:15-10:30 Break

10:30 Fuel Conditioning and Cleanup

Paul Tower, P.E., Applied Filter Technology

11:30 Colorado Air Quality Regulations

Roland Hea, Colorado Dept of Public Health and Environment

12:00 Lunch Buffet- Bennetts Famous Bar-B-Que

12:45 Standby Terms and Rates from Excel Energy

Wendy Anderson, Denver Metro

1:15 Lessons Learned from a CHP System  
Mark Van Nostrand, P.E., Denver Water

1:45 About the Intermountain CHP Center  
Patti Case, Director, Intermountain CHP Center

### **Wastewater Break-Out Session (Main Room)**

2:00 Operating a Waste Water Treatment Project  
Tom Mossinger, Carollo Engineers

2:45 CHP using Digester Gas at S. Columbus Water Resource Facility  
Randy Shaw, Brown & Caldwell

3:30 Digester Gas Energy Utilization: Opportunities and Realities  
Joe Tamburini, Rothberg, Tamburini, and Winsor

### **Landfill Break-Out Session (Room 101)**

2:00 Use of Landfill Gas  
Keith Connor, SCS Engineers

2:45 3.2 MW Waste Management/Denver Landfill Gas Project  
Doc Nyiro + Steve Derus, Waste Management/Denver

3:30 How to Use Heat from a Landfill Gas Project-Different Approaches  
Patti Case, Director, Intermountain CHP Center

3:45-4:00 Break

### **Afternoon Group Sessions**

4:00 Denver Metro Waste Water Treatment Plant  
Wendy Anderson, Plant Engineer, Denver Metro

4:15 Suez 2-Unit Turbine CHP System at Denver Metro  
Dennis Capps, Suez

4:45 Wrap-up, Tour Instructions

**Tour-November 8 - 9am-11am (Please arrive at 8:45)**  
Denver Metro Waste Water Treatment Plant 6450 York St., Denver

*Must have picture ID for admittance to facility*