



Ramsey/Washington County

Resource Recovery Project Board Meeting

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Update on Newport Waste-to-Energy Facility

Martin Gagliardi, RRT
Mike Sullivan, EBF



EBF & Associates

- Founded in 1988
- 36 employees
- Investors comprised of leading endowments, foundations and pension plans
- \$2 billion capital under management
- Wide variety of investments
 - Natural gas distribution
 - Wind energy



Project History (1987-2010)

- Received 9,500,000 tons of MSW
- Produced 6,850,000 tons of RDF
- Powered 55,000 homes annually
- Recovered 315,000 tons recyclables
- Avoided landfill of 7,600,000 tons



Daily Operations

MSW Deliveries

- 300-2000 TPD depending on the day of the week and time of year

Haulers

- ~90 MSW hauling companies deliver between 1 ton to 60,000 tons per year
- Between 30 to 200 hauler trucks each day

Production

- Processing MSW 24 hours a day, 5 days a week, 12 hours on Sat/Sun, 358 days per year

RDF Shipments

- Ship RDF 24 hours a day, 6 days a week
- Xcel storage barns have a capacity of two days' burn (2000 tons aggregate), but optimal level is 800 tons for each barn



Employment Impact

■ 65 RRT employees

- Bargaining Unit (IBEW 23) --- 45 employees
- Supervisory/Administration --- 20 employees

■ Indirect Work Force

- Xcel
- Transportation
- Outside Maintenance Vendors
- Construction
- Truck/Trailer Repair
- Janitorial



Recent Developments

- Sale of Elk River facility to GRE
- Kim Erickson/Marty Gagliardi
- Proposed amendment to definition of “renewable energy”
- Xcel alternative fuel sources

Challenges Ahead

- Pricing competition with landfills
 - Haulers with landfills desire to internalize
 - WM, Allied, Veolia
 - Landfill tip fees artificially low
 - WM contracts at Elk River
 - HERC
- Reduced MSW deliveries
 - 2003-7 = 431,000 tons/year
 - 2008 = 409,000 tons
 - 2009 = 391,000 tons
 - 2010 = 370,000 tons (projected)

Challenges Ahead (cont.)

- Contract Extensions
 - Ramsey/Washington, Xcel, Haulers, Union
 - Capital Expenditures
 - New Technology
 - Xcel

- Green Energy Policies