PBF Status

- Unit 5 Arrived 1/17/2019
- Reinstall/Prep work ongoing
- Begin restart 1/26/2019
- If success, process 1,400 TPD through two boilers
- Stop diversions soon after
PBF Status

- Unit 6 steam turbine and generator rotors scheduled for mid-February return
- Preliminary schedule for operation Feb 28
- Once on-line, three boiler operation
- 2,100 TPD processing
- Inventory reduction
- Return of non-municipal customers
Unit 6 outage 11/5/18

- No boiler availability
- MIRA shuts off all non-municipal customers
  - MSW receipts reduced from 12,000 TPW to 8,000 TPW
- MIRA seeks diversion outlets
  - Dozens of contacts made
  - Diversion average 6,000 TPW
  - More diversion in recent weeks
  - Diversion costs (T&D) very steep
Diversions

- Issues

  - Limited Transportation
    - Truck/Trailer/Driver Shortages
    - Limited rail cars suitable for MSW
    - Limited capability for rail facilities to containerize waste in accordance with railroad requirements

  - Limited Disposal
    - No In-State MSW landfill capacity
    - In-State WtE close to capacity
    - MA Chicopee/Southbridge at capacity
    - Landfill capacity only at great distance
Diversions and Exports YTD FY 2019

Weeks

Tonnage per week

- Watertown TS
- Torrington TS
- Hartford WPF
- Essex TS
- Direct

0 1000 2000 3000 4000 5000 6000 7000

Diversions

-MIRA Efforts

- Constant and continuous contact with MSW Transport, Transfer, Disposal, MSW Brokerage companies locally and throughout New England
  - MIRA has utilized:
    - At least 17 different Transfer Stations and Disposal Facilities
    - At least 37 different transportation companies
  - MIRA has been unable to utilize, due mainly to transportation or capacity limitations:
    - At least 11 Transfer Stations
    - 7 WtE Facilities
    - At least 13 Landfills
    - Several Rail Facilities
  - Note: DEEP relaxation of permit conditions and emergency authorizations had minimal effect due to transportation limitations
- Despite diversion efforts, average weekly growth: 2,000 tons

- MIRA processing MSW to RDF to reduce fire risk, densify, remove metals, and store more tons in building
  
  - RDF higher compacted density
  - Ferrous removal (3% by weight)
  - No RDF or MSW currently being stored outside of building

WPF Inventory
MIRA Notified Customers of Possible Increase

MIRA Board of Directors to consider on 1/23/19

- Possible increase effective March 1, 2019
  - Not to exceed $85/ton Tier 1 Long Term
- May be possible to defer increase to July 1, 2019
- Decision will consider:
  - Anticipated insurance claim timing and amount
  - Return to service of TG5 and TG6
  - Cash and Reserves position of MIRA