

# Clark County Waste to Energy Plant

## *Regional Waste Diversion Program*

Clark County Idaho is planning on constructing a 250 Ton per day Waste to energy conversion plant at the Dubois Energy Park. The Plant is scheduled to be in operations in late 2011. Clark County is seeking to divert 100,000 tons of solid waste destined for landfills in neighboring counties to the conversion facility. The diversion is expected to create 10-15 MWH of electricity which will be sold on the open market.

*“The Goal of the Clark County Waste to Energy Plant is to reduce the cost of waste disposal for the region while creating jobs which support our local economy”.*

### Client County Benefits:

#### Reduced Disposal Fees

- ✓ Disposal Costs - \$28 per ton
- ✓ No Transportation fees for first 100 miles
- ✓ Transportation beyond 100 miles based on \$2.00 per/mile
- ✓ Annual Contract Renewal Bonus of \$6 -10 per ton based on previous year
- ✓ Cost to Divert \$22 - \$18 per ton w/renewal rebate



#### Waste Accepted

- Untreated Municipal Solid Waste (MSW)
- MSW with organic fraction removed for composting
- Biomass waste, mixed brush, farm harvest waste
- Industrial Packaging wastes
- Industrial Process wastes
- Construction and Demolition waste, minus concrete and drywall
- Mixed waste plus tires
- Mixed waste plus dried sewerage sludge
- Mixed waste plus oils, oily absorbent wastes
- Mixed Waste plus clinical wastes
- Medical Waste and x-ray films
- Auto Fluff

*The Clark County Waste to Energy Facility will use the Dynamis Energy 3.0 Technology. The waste processed by the Dynamis Energy System has the lowest environmental impact of any technology that exists in the market today.*



## *Madison County Idaho*

### *Proposal*

- Annual MSW Tonnage            10,000  
    *E – Waste – included in annual tonnage, no additional cost*
  - ✓ Annual Cost                    10,000 X \$28.00 = \$280,000
  
- Annual Costs - \$280,000  
  
    Less Contract renewal rebate - \$8.00 X 10,000 = \$80,000
  - ✓ *Cost to disposal - \$280,000 - \$80,000 / 10,000 = \$20.00 ton*
  
- Annual Tires                    6,000 (Car, light truck w/o rim)
  - Annual Cost    \$1.80 per tire X 6,000 = \$10,800