# ATTACHMENTS

A

| **CROSS REFERENCE BETWEEN COUNCIL'S APPLICATION GUIDE AND CONN. GEN. STAT § 16-50*l* AND PRE'S PETITION**[1] | |
|---|---|
| **Council's Guide** | **PRE's Petition** |
| | |
| Pre-Application Process (General Statutes § 16-50l(e)) Municipal Consultations. | Executive Summary; Section XXVII |
| Application to Municipal Agencies (General Statutes § 16-50x(d)) | Section XXV |
| Quantity, Form and Filing Requirements (Regs. Conn. State Agencies § 16-50v-1a). | Petition |
| Application Filing Fees (Regs. Conn. State Agencies § 16-50v-1a). | Section XXIX |
| Proof of Service (General Statutes § 1650l(b)). | Section XXVIII |
| Notice to Community Organizations. | Executive Summary; Section XXVII |
| Public Notice (General Statutes § 16-50l(e)). | Not applicable |
| Notice to Abutting Landowners (General Statutes § 16-50l(b)). | Not applicable |
| A brief description and the location of the proposed facility, including an artist's rendering and/or narrative describing its appearance. | Executive Summary; Section VI |
| A statement describing the purpose for which the application is being made. | Section II |
| A statement describing the statutory authority for such application. | Section III |
| The exact legal name of each person seeking the authorization or relief and the address or principal place of business of each such person. If any applicant is a corporation, trust association, or other organized group, it shall also give the state under which it was created or organized. | Section IV |
| The name, title, address, and telephone number of the attorney or other person to whom correspondence or communications in regard to the application are to be addressed. Notice, orders, and other papers may be | Section V |

[1] Please note that while PRE is submitting a Petition a Declaratory Ruling that a Certificate of Environmental Compatibility and Public Need is not required for the Project, PRE is providing to the Council information generally required by Conn. Gen. Stat § 16-50*l* and the Council's Application Guide for Electric Generating Facility dated January 19, 2000.

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| served upon the person so named, and such service shall be deemed to be service to the applicant. | |
| Statement and full explanation of why the proposed facility is necessary for the reliability of electric power in the state or for a competitive market for electricity. | Section XVII |
| A statement of loads and resources as described in C.G.S. §16-50r. | Section XIX |
| Estimate of the overall reliability of the facility based on:<br>a. Historic and expected availability of all facility components;<br>b. Availability of off-site resources such as water and fuel supply with resource plans documenting supply and capacity;<br>c. All mechanisms for contingency in the event of fuel curtailment, water curtailment, facility flame-out, and electrical component failure; and<br>d. The historic and expected availability of all necessary electric and wood fuel. | Section XX |
| Description of the facility, including:<br>1. Technical Specifications:<br>a. Service life and capacity factor;<br>b. Fuel type and supply;<br>c. Combustion technology;<br>d. Control systems, including pollution control technology;<br>e. Water use and effluent discharge;<br>f. Air emissions;<br>g. Waste disposal;<br>h. Noise abatement;<br>i. Provisions for emergency operations and shutdowns;<br>j. Fire suppression technology;<br>k. Safety warning system;<br>l. Proximity to municipal fire stations;<br>m. Protective gear and control systems;<br>n. Traffic flow and potential evacuation routes;<br>o. Traffic safety and fuel spill risk assessment for access routes to the site; | Section VI |

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| p. Provisions for leak detection of fuel and chemicals from storage areas; and<br>q. Hazardous materials management and fuel spill prevention and control. | |
| A demonstration of how the proposed facility would comply with Prevention of Significant Deterioration and Non-Attainment New Source Review requirements, identification of potential maximum emissions from proposed and alternative fuel combustion, and a summary of air pollution control technologies. | Section VI |
| Alternative technologies, including:<br>a. Efficiency comparisons; and<br>b. Environmental comparisons. | Section XVIII |
| An emergency management/evacuation plan. | Section XX |
| A Federal Aviation Administration determination for obstruction or hazard to air navigation. | Section VII |
| Itemized estimated costs, including:<br>a. Plant and fuel;<br>b. Generating cost per kilowatt hour, both at the plant and related transmission line interconnection;<br>c. Comparative costs of alternatives considered; and | Section VIII |
| Information regarding the forecast of available fuel and backup fuel supply proposed for the facility, the State of Connecticut, New England, and other locations in the region. | Section IX |
| The location of existing and proposed pipelines or other infrastructure necessary to provide fuel and water to the proposed project including any upgrades necessary for the delivery of water to the facility during operation. | Section X |
| The source of fuel, water, and interconnections necessary for facility operation, the location of all infrastructure and pipelines with a map, the service area of the proposed infrastructure, other large users that may compete for the supply of fuel and water to the proposed facility, and | Section XI |

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| under what circumstances fuel and water could be curtailed to the facility. | |
| Details of alternative fuel supply including fuel compatibility, schedule and mechanism necessary for fuel switching, equipment requirements, and analysis of alternatives with a comparison of facility reliability with and without alternative fuel supplies. | Section XII |
| A comparison, with a narrative and tabular reporting, of wet and dry cooling technologies, non-contact cooling, and use of gray water if applicable, including the estimated capital and operating costs, effects on air emissions, water use, water discharge, water recycling, effects on water resources and water diversions, noise, and spacial requirements of each technology under all operations scenarios. | Section XIII |
| An explanation of consistency with regional water supply and watershed protection plans and permit application or executed permit, if applicable, for the use of diverted water for cooling and other facility uses. | Section XIV |
| A storm water management plan with modeling to predict the quality and quantity of anticipated runoff and discharge. | Section XV |
| The construction type of the transmission interconnection (overhead, underground, single circuit, double circuit) and the existing and expected transmission line loadings, substation interconnection plan, and the anticipated range of dispatch based on transmission grid constraints. Also, provide a final copy of, or a status report on, the independent system operator transmission grid interconnection study. | Executive Summary; Section XVI |
| A justification for selection of the proposed site selected including a comparison with alternative sites which are environmentally, technically, and economically practicable. Include enough information for a complete comparison between the proposed site and any alternative site contemplated. | Section XXI |
| Justification that the location of the proposed facility would not pose an undue safety or health hazard to persons or property along the area traversed by the proposed facility including:<br>a. Measurements of existing electric and magnetic fields (EMF) at the boundaries of the facility site with extrapolated calculations of exposure | Section XXIII |

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| levels during expected normal and peak line loading;<br>b. Calculations of expected EMF levels at the boundaries of the facility site that would occur during normal and peak operation of the facility; and<br>c. A statement describing consistency with the Council's "Best Management Practices for Electric and Magnetic Fields", as amended. | |
| A description of the effect that the proposed facility would have on the environment, ecology, and scenic, historic, and recreational values at and around the proposed site, and along new or expanded utility corridors, including effects on:<br>a. Public health and safety;<br>b. Local, state, and federal land use, conservation, and development plans;<br>c. Existing and future development;<br>d. Adjacent land use;<br>e. Ecological integrity;<br>f. Noise with baseline testing and modeling consistent with State regulations;<br>g. Consistency with plans for development and protection of recreational areas and areas of natural history including areas of geologic, ecological, and archaeological interest;<br>h. Visibility based on photographic simulation, artist renditions, and sight line profiles;<br>i. Roads;<br>j. Wetlands and watercourses;<br>k. Wildlife and vegetation, including rare and endangered species, critical habitats, and species of special concern, with documentation by the Department of Environmental Protection Natural Diversity Data Base;<br>l. Public water supply watershed and aquifer areas, consistent with state and local conservation and development plans;<br>m. Archaeological and historic resources, with documentation by the State Historic Preservation Officer; and<br>n. Other environmental concerns identified by the applicant, the Council, | Section XXII |

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| or any public agency. | |
| Design information, including a description of facilities, plant efficiencies, electrical connections to the system and control systems. | Section VI |
| Safety and reliability information, including planned provisions for emergency operations and shutdowns. | Section XX |
| A proposed site map(s) at a scale no smaller than 1 inch = 40 feet, a location map at a scale 1 inch = 2000 feet, and aerial photos of suitable scale showing the site, access, and abutting properties including proximity of the following:<br>1. Settled areas;<br>2. Schools and daycare centers;<br>3. Hospitals;<br>4. Group homes;<br>5. Forests and parks;<br>6. Recreational areas;<br>7. Seismic areas;<br>8. Scenic areas;<br>9. Historic areas;<br>10. Areas of geologic, ecological, or archaeological interest;<br>11. Areas regulated under the Inland Wetlands and Watercourses Act (to be delineated by a Connecticut Certified Soil Scientist on large scale 1 inch = 40 feet maps);<br>12. Areas regulated under the Tidal Wetlands Act and Coastal Zone Management Act (to be delineated by a Connecticut Certified Soil Scientist on large scale 1 inch = 40 feet maps);<br>13. Public water supply sources including wells, reservoirs, watersheds, and aquifers;<br>14. Hunting or wildlife management areas; and<br>15. Existing transmission lines within one mile of the site. | Figures 1 – 18 |
| Available site information, including maps and description and present and proposed development, and geological, seismic, biological, water supply, population a load center data. | Figures 1 – 18 |
| A schedule showing the program for design, material acquisition, | Section XXIV |

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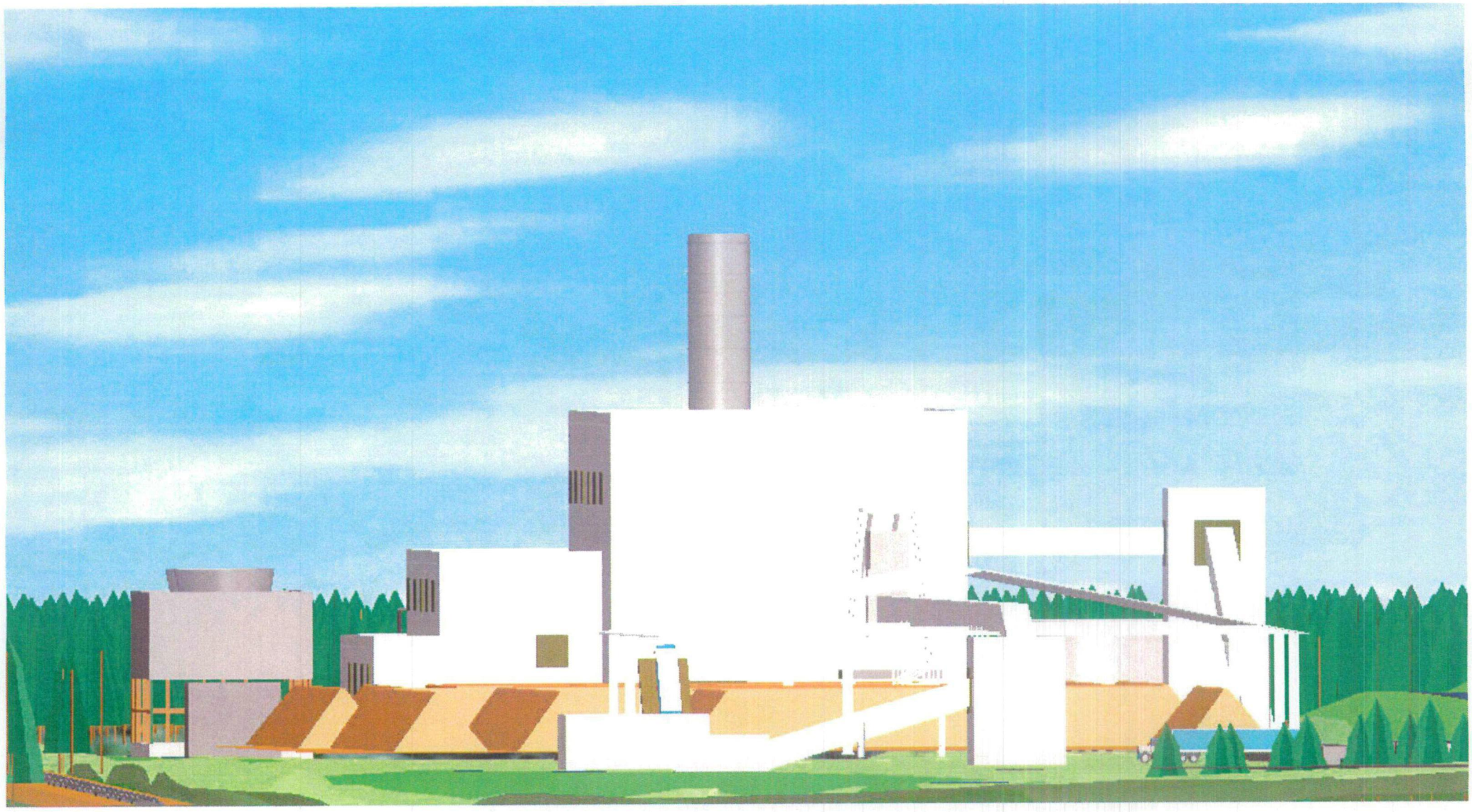
| construction and testing, and operating dates. | |
| A statement explaining mitigation measures for the proposed facility including:<br>1. Construction techniques designed specifically to minimize adverse effects on natural areas and sensitive areas;<br>2. Special design features made specifically to avoid or minimize adverse effects on natural areas and sensitive areas, or to restore degraded areas;<br>3. Establishment of vegetation proposed near residential, recreational, and scenic areas;<br>4. Methods for preservation of vegetation for wildlife habitat and screening, and<br>5. Methods to replace any lost functions or reduced value of wetland areas affected by the proposed facility. | Section XXII |
| A description of provisions, including devices and operations, for mitigation of the effect of the operation of the facility on air and water quality, for waste disposal, and for noise abatement, and information on other environmental aspects. | Sections VI and XXII |
| Identification of federal, state, regional, district, and municipal agencies from which approvals have been obtained or will be sought, copies of approvals received, and a schedule for obtaining approvals not yet received. | Section XXV |
| Bulk-filing of municipal zoning, planning, planning and zoning, conservation, and inland wetland regulations and by-laws. | Section XXX |
| Such information any department or agency of the state exercising environmental controls may, by regulation, require. | Petition |
| Such information the applicant may consider relevant. | Section XXVI |

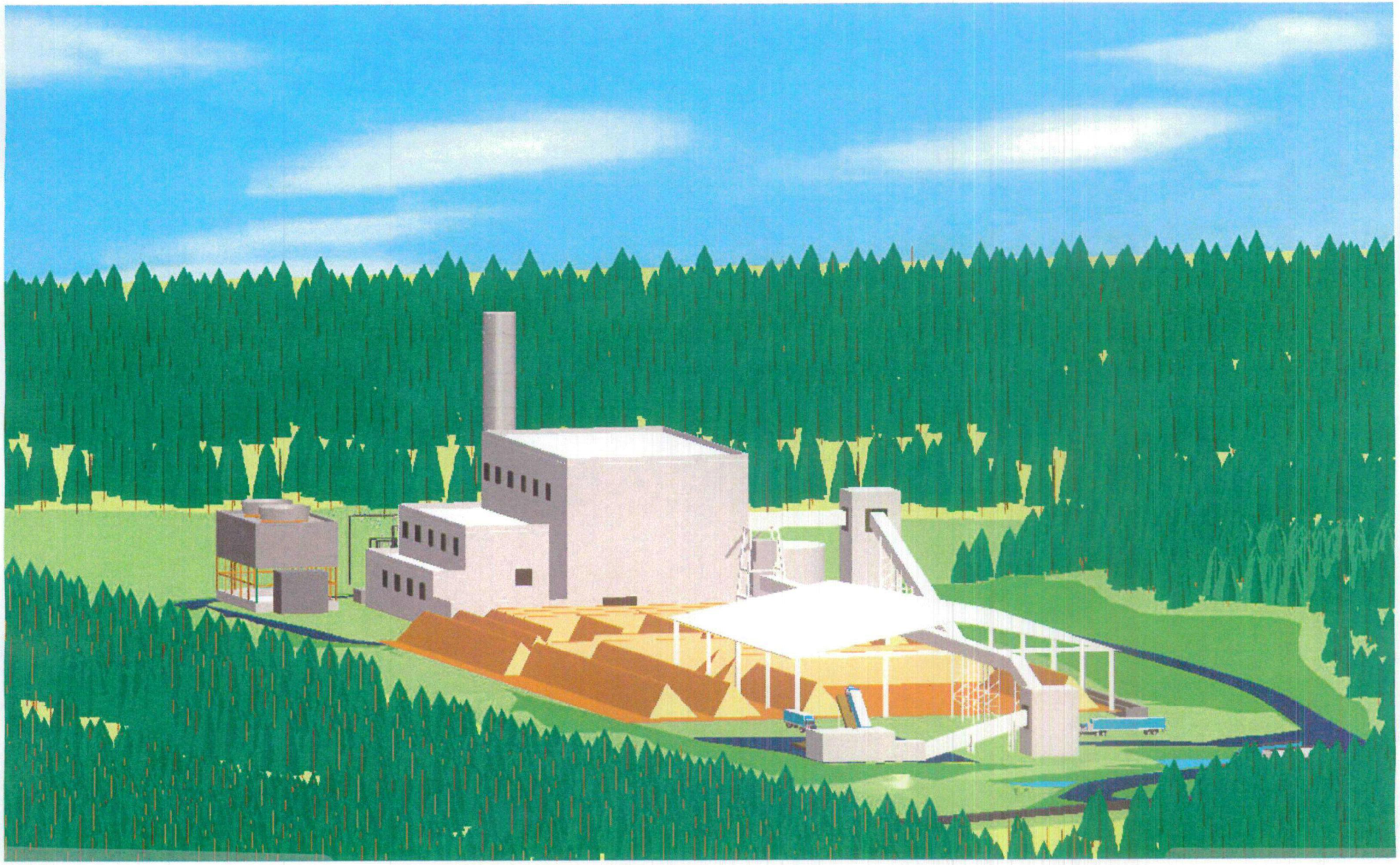
B

Plainfield Renewable Energy LLC
Connecticut Siting Council
Petition



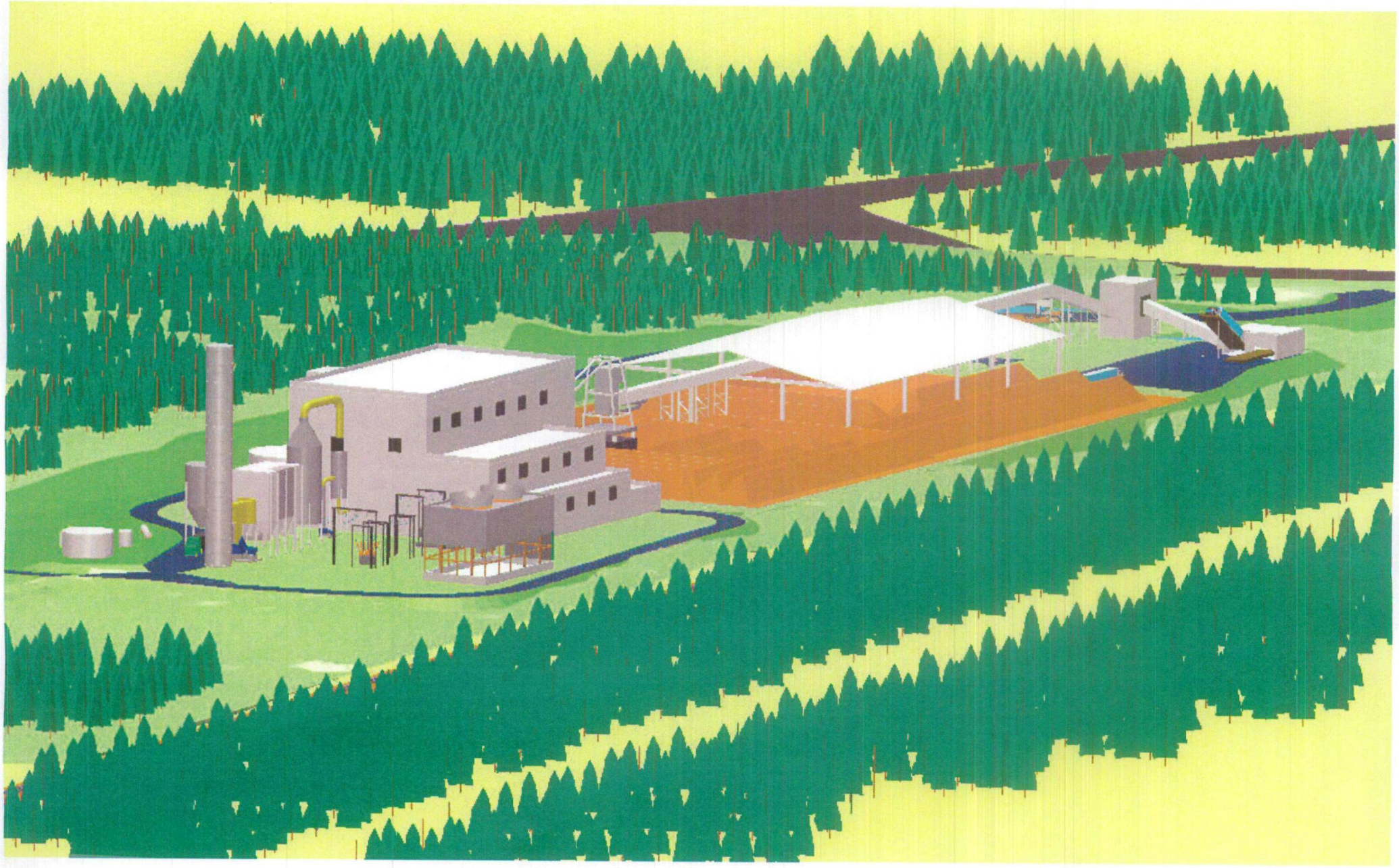
Computer Rendering 1
View of Project
from Gate off Mill Brook Road

Conceptual Rendering



Computer Rendering 2
View of Project
Northeasterly Direction

Conceptual Rendering



Computer Rendering 3
View of Project
Southerly Direction

Conceptual Rendering

©

**Wheelabrator Millbury Inc.**
A Waste Management Company
331 Southwest Cutoff Road
Millbury, MA 01527
(508) 791-8900 Tel
(508) 752-5483 Fax

May 30, 2006

Robert Isner, Director
Division of Waste Enforcement & Engineering
Bureau of Materials Management & Compliance Assurance
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: Plainfield Renewable Energy LLC
Confirmation of Intent to Accept Residues

Dear Mr. Isner:

It is our understanding that Plainfield Renewable Energy LLC ("PRE") is applying to the Department for permits associated with the construction and operation of a biomass wood gasification facility in the Town of Plainfield, Connecticut.

This is to confirm that our firm is prepared to accept residue produced by the facility's processing of biomass wood on a long term basis (more than 10 years) at a range of facilities throughout the Northeast and Mid-Atlantic Region.

Please contact me should you wish to discuss this matter further.

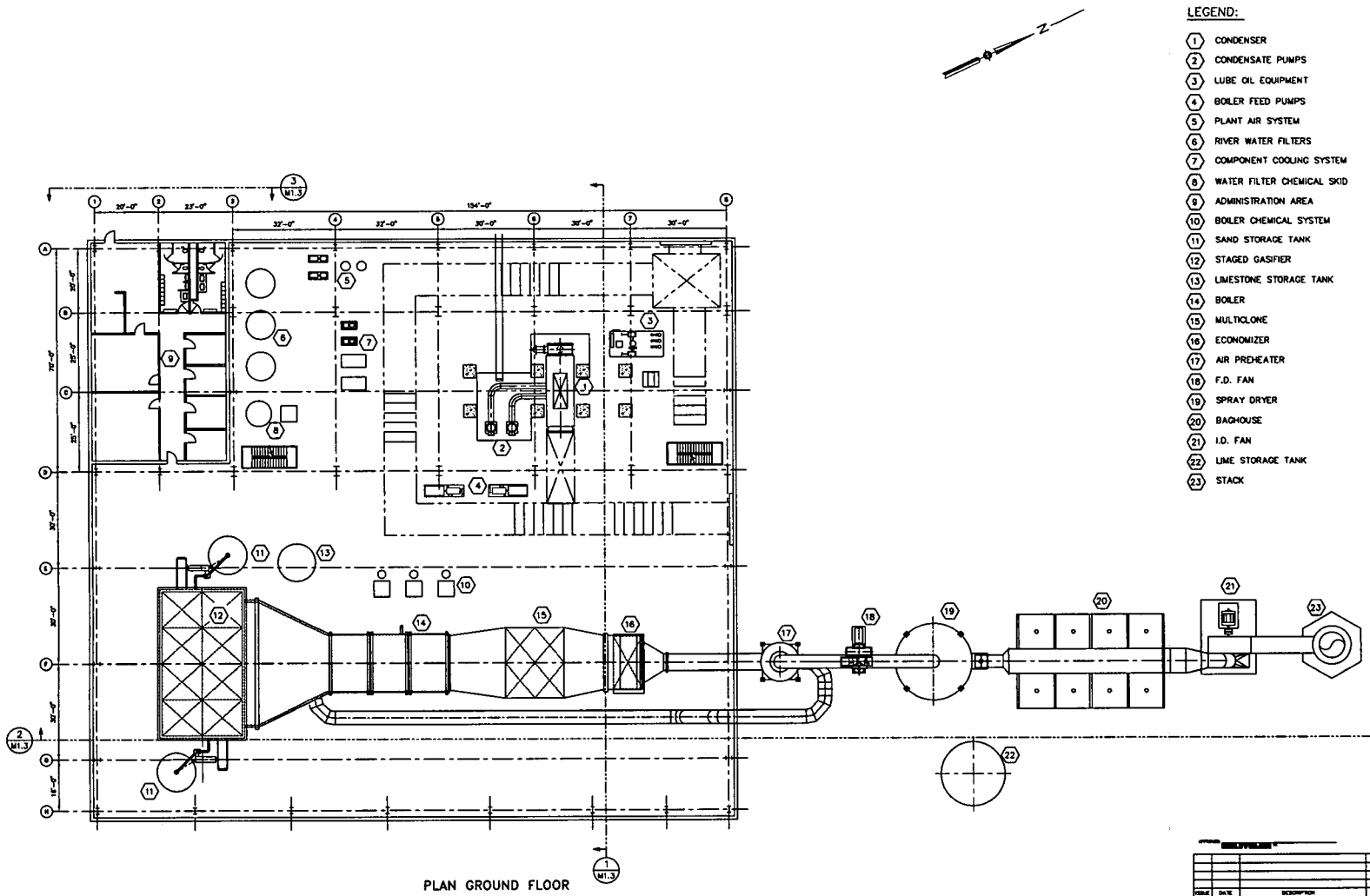
Very truly yours,

Robert P. Jacques
Manager, Business Development
New England Region

cc: Samuel G. McConnell

WM
WASTE MANAGEMENT

D




PLAN GROUND FLOOR

LEGEND:

1. CONDENSER
2. CONDENSATE PUMPS
3. LUBE OIL EQUIPMENT
4. BOILER FEED PUMPS
5. PLANT AIR SYSTEM
6. RIVER WATER FILTERS
7. COMPONENT COOLING SYSTEM
8. WATER FILTER CHEMICAL SKID
9. ADMINISTRATION AREA
10. BOILER CHEMICAL SYSTEM
11. SAND STORAGE TANK
12. STAGED GASIFIER
13. LIMESTONE STORAGE TANK
14. BOILER
15. MULTICLONE
16. ECONOMIZER
17. AIR PREHEATER
18. F.D. FAN
19. SPRAY DRYER
20. BAGHOUSE
21. I.D. FAN
22. LIME STORAGE TANK
23. STACK

SCALE 3/32" = 1' - 0"

| ISSUE | DATE | DESCRIPTION | BY | CHK'D |
|---|---|---|---|---|

B&W DECK

PB Power

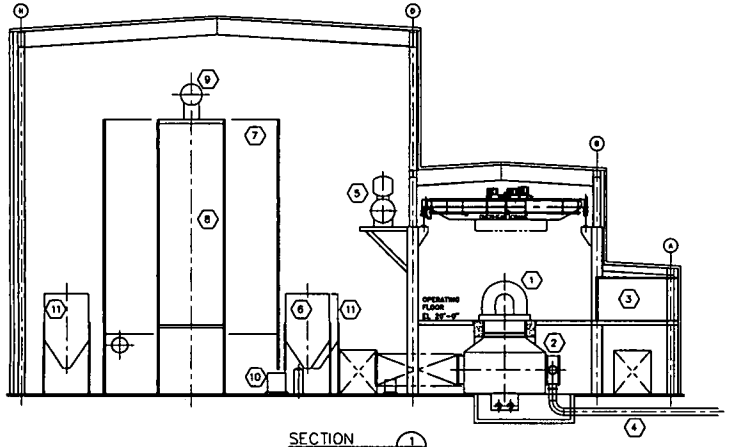
PLAINFIELD RENEWABLE ENERGY, LLC

GENERAL ARRANGEMENT
POWER BLOCK
PLAN GROUND FLOOR

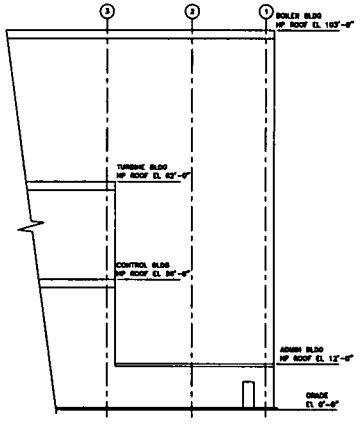
DR. JCM

DRAWING NO. M1.1

ISSUE A



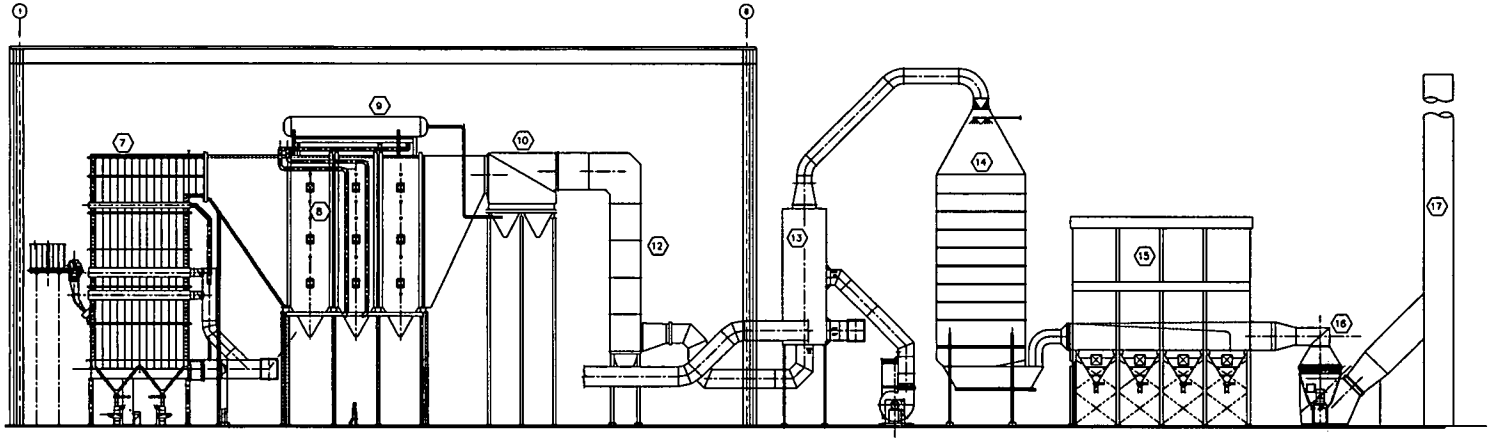

SECTION 1 / M1.1
SCALE: 3/32" = 1'-0"




SECTION 3 / M1.1
SCALE: 3/32" = 1'-0"

LEGEND:

1. STEAM TURBINE GENERATOR
2. CONDENSER
3. CONTROL ROOM
4. CURCULATING WATER PIPES
5. DEAERATOR
6. LIMESTONE STORAGE TANK
7. STAGED GASIFIER
8. BOILER
9. STEAM DRUM
10. MULTICLONE
11. SAND STORAGE TANK
12. ECONOMIZER
13. AIR PREHEATER
14. SPRAY DRYER
15. BAGHOUSE
16. I.D. FAN
17. STACK



SECTION 2 / M1.1
SCALE: 3/32" = 1'-0"

SCALE 3/32" = 1' - 0"

| ISSUE | DATE | DESCRIPTION | BY | CHK'D |
|---|---|---|---|---|

RWBECK

PB Power

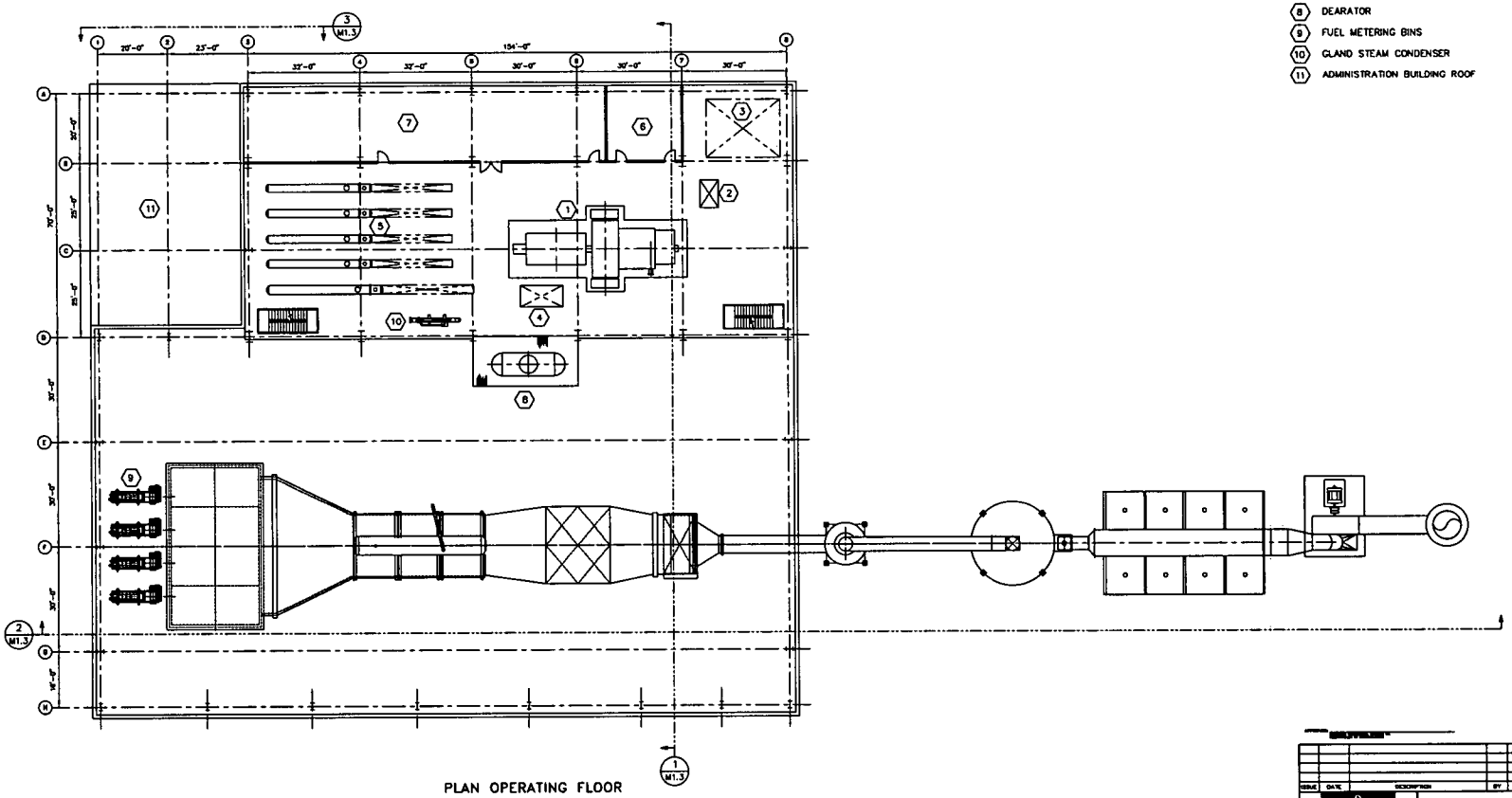
PLAINFIELD RENEWABLE ENERGY, LLC

GENERAL ARRANGEMENT
POWER BLOCK
CROSS SECTIONS

DRAWN BY JCM

DRAWING NO. M1.3

ISSUE A




PLAN OPERATING FLOOR

LEGEND:

1. STEAM TURBINE GENERATOR
2. LUBE OIL PUMP REMOVAL AREA
3. EQUIPMENT REMOVAL AREA
4. CONDENSATE PUMP REMOVAL AREA
5. FEEDWATER HEATERS
6. CONTROL ROOM
7. ELECTRICAL EQUIPMENT ROOM
8. DEARATOR
9. FUEL METERING BINS
10. GLAND STEAM CONDENSER
11. ADMINISTRATION BUILDING ROOF

SCALE 3/32" = 1' - 0"

| ISSUE | DATE | DESCRIPTION | BY | CHK'D |
|---|---|---|---|---|

R.W. BECK

PB Power

PLAINFIELD RENEWABLE ENERGY, LLC

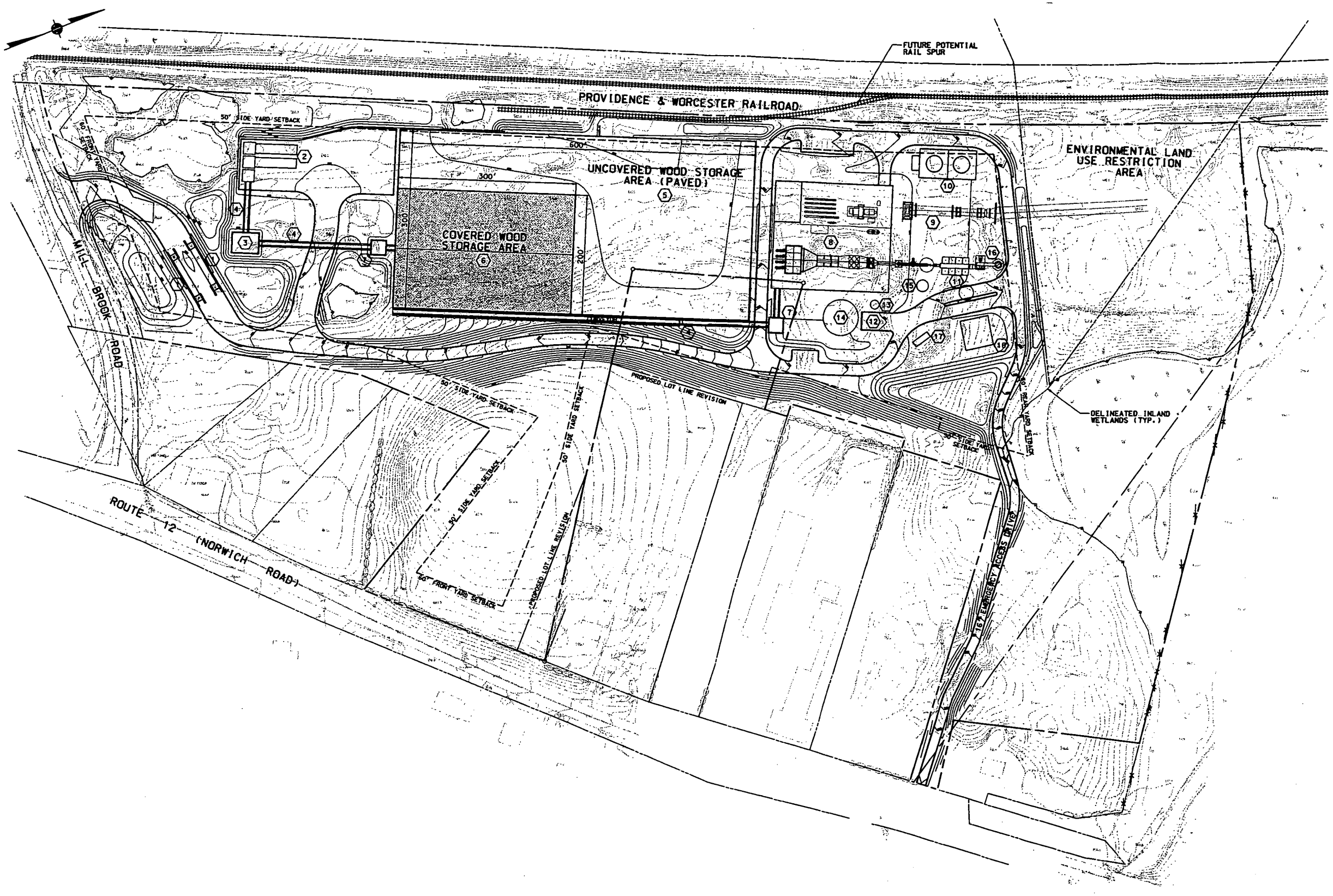
GENERAL ARRANGEMENT
POWER BLOCK
PLAN OPERATING FLOOR

DR. JCM

JOB NO.

DRAWING NO. M1.2

ISSUE A




## SITE LAYOUT LEGEND

| | |
|---|---|
| 1 | TRUCK WEIGH STATION |
| 2 | TRUCK UNLOADING |
| 3 | HOG AND SCREEN BUILDING |
| 4 | HOGGED WOOD TRANSFER CONVEYOR |
| 5 | HOGGED FUEL STORAGE PILE |
| 6 | COVERED HOGGED STORAGE |
| 7 | TRANSFER HOUSE |
| 8 | POWER HOUSE |
| 9 | MAIN STEPUP TRANSFORMER |
| 10 | COOLING TOWER |
| 11 | ASH SILO |
| 12 | LEASED DI WATER SYSTEM |
| 13 | DEMINERALIZED WATER STORAGE TANK |
| 14 | FILTERED WATER STORAGE TANK |
| 15 | LIME STORAGE TANK |
| 16 | STACK |
| 17 | PROPANE TANK |
| 18 | CLARIFIER |

## SURVEY LEGEND

| | |
|---|---|
| PROPERTY LINE | |
| EASEMENT LINE | |
| CENTERLINE OF TRACK | |
| STONE WALL | |
| WIRE FENCE | |
| WETLANDS | |
| MONITORING WELL | MW |

80 0 80 160 240 320
SCALE: 1"= 80'

Anchor Engineering Services, Inc.
75 Nutmeg Lane Glastonbury, CT 06033
TEL (860) 633-6770 FAX (860) 633-5971

| | |
|---|---|
| PROJ. ENGINEER | BJH |
| PROJ. MANAGER | DSA |
| OFFICE REVIEW | MMZ |

REVISIONS

# SITE DEVELOPMENT PLAN

PREPARED FOR
PLAINFIELD RENEWABLE ENERGY, LLC

## SITE LAYOUT PLAN

NORWICH RD./MILL BROOK RD. PLAINFIELD, CT

| SCALE: | PROJECT | DATE | SHEET NO. |
|---|---|---|---|
| 1" = 80' | 952-01 | 8/4/06 | 2 OF 10 |

E

**Summary of BACT/LAER Determinations**

| Pollutant | Proposed BACT/LAER Technology | Proposed BACT/LAER Permit Limit[1] | Compliance Demonstration Basis |
|---|---|---|---|
| Biomass-Fueled Fluidized Bed Staged Gasifier | | | |
| $PM/PM_{10}$ (BACT) | Multiclone, spray dryer scrubber with baghouse | 0.02 lb/MMBtu | Stack Test + Continuous Opacity Monitor (6-minute average) |
| CO (BACT) | FBG and good combustion control | 0.105 lb/MMBtu (103.7 ppmvd @ 7% $O_2$) | CO CEMS (24-hour block average) |
| VOC (BACT) | FBG and good combustion control | 0.012 lb/MMBtu (20.2 ppmvd @ 7% $O_2$) | Stack test + CO CEMS (as surrogate) |
| $NO_X$ (LAER and BACT) | FBG and SNCR | 0.075 lb/MMBtu (45.3 ppmvd @ 7% $O_2$) | $NO_X$ CEMS (24-hour block average) |
| $NH_3$ slip (BACT) | No add-on controls; optimization with SNCR urea injection for $NO_X$ control | 20 ppmvd (uncorrected for $O_2$) | $NH_3$ CEMS (24-hour block average) |
| $SO_X$ (BACT) | FBG bed additives and spray dryer scrubber with baghouse | 0.035 lb/MMBtu 15.4 ppmvd @ 7% $O_2$) | $SO_2$ CEMS (24-hour block average) |
| HCl (BACT) | FBG bed additives and spray dryer scrubber with baghouse | 0.013 lb/MMBtu (10.1 ppmvd @ 7% $O_2$) | Stack test + $SO_2$ CEMS (as surrogate) |
| Wet Cooling Tower | | | |
| $PM/PM_{10}$ (BACT) | Drift eliminators | | Inspection and maintenance of drift eliminators |
| Diesel Engine Emergency Generator | | | |
| All pollutants | Emergency operation only, < 300 hours/year | | Monitoring of operating hours |

\17960\1\608143.1

[1] Equivalent concentration limits (ppmvd @ 7% $O_2$) based on a wood F-factor of 9,240 DSCF/MMBtu.

F

**CTDEP Maximum Allowable Stack Concentration Demonstration for Hazardous Air Pollutants**

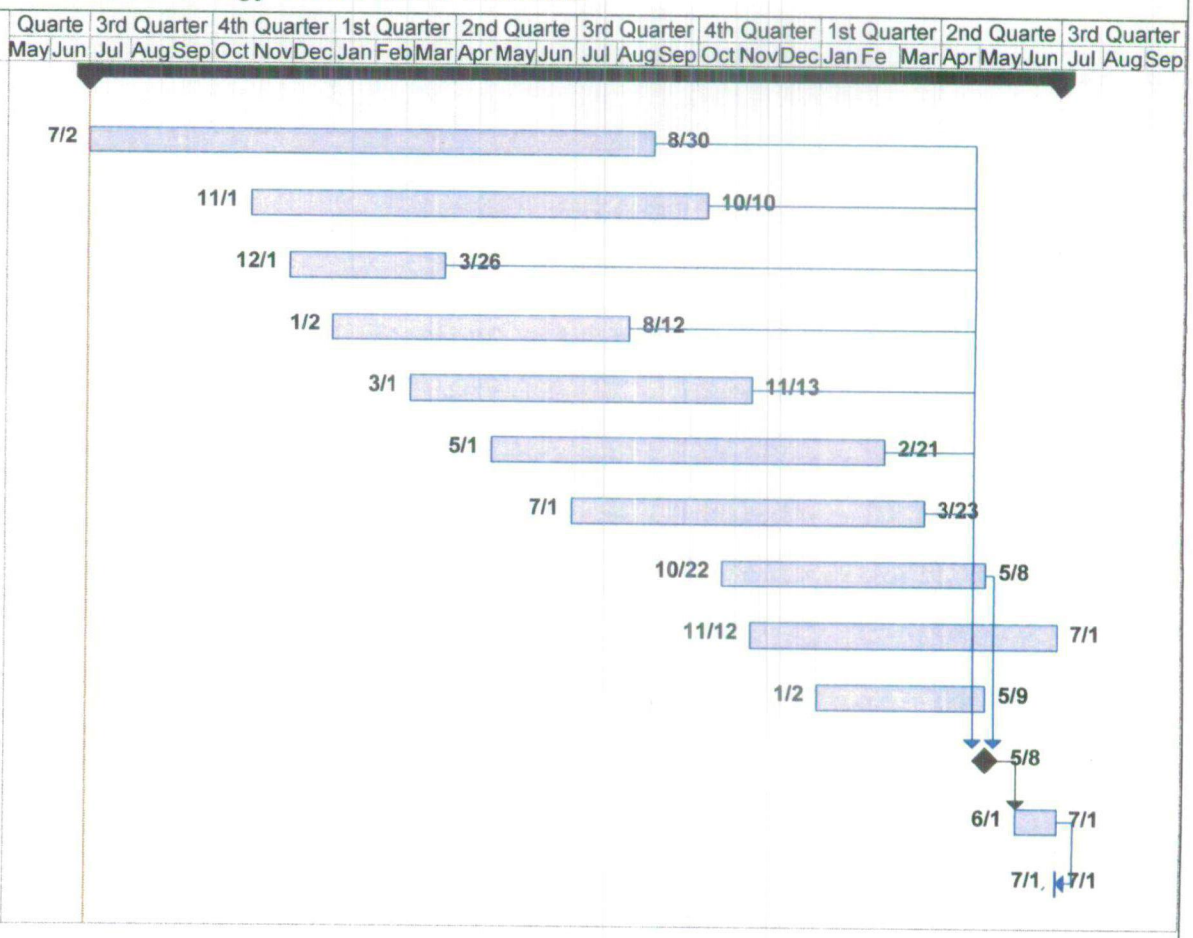
| Pollutant | Controlled Potential Emission Rate (lb/hr) | HLV (µg/m$^3$) | MASC (µg/m$^3$) | ASC (µg/m$^3$) | Comply? |
|---|---|---|---|---|---|
| PAH | 1.3E-03 | 0.1 | 18.3 | 1.6 | Yes |
| PCB | 1.3E-04 | 0.01 | 1.8 | 0.2 | Yes |
| 2,3,7,8 TCDD | 1.9E-08 | -- | -- | 0.0 | Yes |
| 2,3,7,8 TCDF | 2.7E-07 | -- | -- | 0.0 | Yes |
| 2,3,7,8 PCDD Equiv. | 4.6E-08 | 7E-07 | 0.0 | 0.0 | Yes |
| Acetaldehyde | 3.1E-02 | 3600 | 658087.0 | 38.4 | Yes |
| Acetone | 1.1E-01 | 11800 | 2157063.0 | 136.6 | Yes |
| Acetophenone | 1.7E-06 | -- | -- | 0.0 | Yes |
| Acrolein | 5.2E-02 | 5 | 914.0 | 65.1 | Yes |
| Benzaldehyde | 5.2E-02 | -- | -- | 65.1 | Yes |
| Benzene | 3.4E+00 | 150 | 27420.3 | 4228.4 | Yes |
| Benzoic Acid | 2.5E-05 | -- | -- | 0.0 | Yes |
| bis(2-Ethylhexyl)phthalate | 2.5E-05 | 50 | 9140.1 | 0.0 | Yes |
| Bromomethane | 7.8E-03 | 1200 | 219362.3 | 9.8 | Yes |
| 2-Butanone (MEK) | 2.8E-03 | 11800 | 2157063.0 | 3.5 | Yes |
| Carbazole | 9.4E-04 | -- | -- | 1.2 | Yes |
| Carbon Tetrachloride | 2.0E-02 | 300 | 54840.6 | 25.4 | Yes |
| Chlorine | 4.1E-01 | 60 | 10968.1 | 513.9 | Yes |
| Chlorobenzene | 1.7E-02 | 7000 | 1279613.6 | 21.5 | Yes |
| Chloroform | 1.8E-02 | 250 | 45700.5 | 22.8 | Yes |
| Chloromethane | 1.2E-02 | 2100 | 383884.1 | 15.0 | Yes |
| 2-Chloronaphthalene | 1.3E-06 | -- | -- | 0.0 | Yes |
| 2-Chlorophenol | 1.3E-05 | -- | -- | 0.0 | Yes |
| Crotonaldehdye | 5.2E-03 | 120 | 21936.2 | 6.4 | Yes |
| 1,2-Dibromomethane | 2.9E-02 | 1550 | 283343.0 | 35.8 | Yes |
| 1,2-Dichloroethane | 1.5E-02 | 20 | 3656.0 | 18.9 | Yes |
| Dichloromethane | 1.5E-01 | 7000 | 1279613.6 | 188.7 | Yes |
| 1,2-Dichloropropane | 1.7E-02 | 100 | 18280.2 | 21.5 | Yes |
| 2,4-Dinitorphenol | 9.4E-05 | -- | -- | 0.1 | Yes |
| Ethylbenzene | 1.6E-02 | 8700 | 1590376.9 | 19.5 | Yes |
| Formaldehyde | 9.9E-02 | 12 | 2193.6 | 123.6 | Yes |
| Hexanal | 3.7E-03 | -- | -- | 4.6 | Yes |
| HCl | 6.9E+00 | -- | -- | 8624.7 | Yes |
| Isobutyraldehyde | 6.3E-03 | -- | -- | 7.8 | Yes |
| Naphthalene | 5.2E-03 | 1000 | 182801.9 | 6.5 | Yes |
| 2-Nitrophenol | 1.3E-04 | -- | -- | 0.2 | Yes |
| 4-Nitrophenol | 5.8E-05 | -- | -- | 0.1 | Yes |
| Pentachlorophenol | 2.7E-05 | 10 | 1828.0 | 0.0 | Yes |
| Phenol | 2.0E-01 | 380 | 69464.7 | 247.2 | Yes |

| Pollutant | Controlled Potential Emission Rate (lb/hr) | HLV (µg/m$^3$) | MASC (µg/m$^3$) | ASC (µg/m$^3$) | Comply? |
|---|---|---|---|---|---|
| Propionaldehyde | 3.2E-02 | -- | -- | 39.7 | Yes |
| Styrene | 9.9E-01 | 4300 | 786048.4 | 1236.0 | Yes |
| Sulfuric Acid | 1.5E+00 | 20 | 3656.0 | 1846.5 | Yes |
| Tetrachloroethene | 2.5E-02 | 1700 | 310763.3 | 31.2 | Yes |
| o-Tolualdehyde | 3.8E-03 | -- | -- | 4.7 | Yes |
| p-Tolualdehyde | 5.8E-03 | -- | -- | 7.2 | Yes |
| Toluene | 1.2E-01 | 7500 | 1371014.6 | 149.6 | Yes |
| 1,1,1-Trichloroethane | 1.6E-02 | 38000 | 6946473.9 | 20.2 | Yes |
| Trichloroethene | 1.6E-02 | 1350 | 246782.6 | 19.5 | Yes |
| Trichlorofluoromethane | 2.1E-02 | -- | -- | 26.7 | Yes |
| 2,4,6-Trichlorophenol | 1.2E-05 | -- | -- | 0.0 | Yes |
| Vinyl Chloride | 3.0E-03 | 50 | 9140.1 | 3.7 | Yes |
| Xylenes | 5.2E-03 | 8680 | 1586720.9 | 6.5 | Yes |
| Ammonia | 7.8E+00 | 360 | 65808.7 | 9685.8 | Yes |
| Antimony | 4.1E-03 | 10 | 1828.0 | 5.1 | Yes |
| Arsenic6 | 6.8E-03 | 0.05 | 9.1 | 8.5 | Yes |
| Barium | 8.9E-02 | 10 | 1828.0 | 110.6 | Yes |
| Beryllium | 5.8E-04 | 0.01 | 1.8 | 0.7 | Yes |
| Cadmium | 1.7E-02 | 0.4 | 73.1 | 20.5 | Yes |
| Chromium, Total6 | 2.5E-03 | 2.5 | 457.0 | 3.1 | Yes |
| Chromium, hexavalent | 1.8E-03 | 0.25 | 45.7 | 2.3 | Yes |
| Cobalt | 3.4E-03 | 2 | 365.6 | 4.2 | Yes |
| Copper | 5.2E-03 | 20 | 3656.0 | 6.5 | Yes |
| Iron | 5.2E-01 | 20 | 3656.0 | 644.0 | Yes |
| Lead6 | 7.3E-02 | 3 | 548.4 | 91.1 | Yes |
| Manganese | 3.1E-02 | 20 | 3656.0 | 39.0 | Yes |
| Mercury | 1.3E-03 | 1 | 182.8 | 1.6 | Yes |
| Molybdenum | 1.1E-03 | 200 | 36560.4 | 1.4 | Yes |
| Nickel6 | 2.6E-03 | 0.3 | 54.8 | 3.3 | Yes |
| Phosphorus | 1.4E-02 | 2 | 365.6 | 17.6 | Yes |
| Selenium | 3.3E-03 | 4 | 731.2 | 4.1 | Yes |
| Silver | 1.7E-02 | 0.2 | 36.6 | 20.5 | Yes |
| Sodium | 1.9E-01 | -- | -- | 234.2 | Yes |
| Strontium | 5.2E-03 | -- | -- | 6.5 | Yes |
| Tin | 1.2E-02 | 40 | 7312.1 | 15.0 | Yes |
| Titanium | 9.9E-01 | 300 | 54840.6 | 1232.7 | Yes |
| Vandium | 5.1E-04 | 1 | 182.8 | 0.6 | Yes |
| Yttrium | 1.6E-04 | 20 | 3656.0 | 0.2 | Yes |
| Zinc | 6.6E-01 | 100 | 18280.2 | 821.8 | Yes |

G

# Plainfield Renewable Energy Construction Schedule

| ID | Task Name |
|---|---|
| 1 | **Plainfield Renewable Energy EPC Schedule** |
| 2 | Design Engineering |
| 3 | Major Equipment Procurement |
| 4 | Mobilize on Site - Site Prep |
| 5 | Foundations |
| 6 | Structural Steel Erection |
| 7 | Equipment Installation |
| 8 | Piping and Electrical Installation |
| 9 | Turbine /Generator Installation |
| 10 | Commissioning Activities |
| 11 | Operation & Maintenance Staffing |
| 12 | Substantial Completion |
| 13 | Performance Testing |
| 14 | Commercial Operations |




Project Start Date: Sun 7/1/07
Print Date: Mon 8/7/06

| | | | |
|---|---|---|---|
| Task | Summary | Rolled Up Progress | Project Summary |
| Progress | Rolled Up Task | Split | Group By Summary |
| Milestone | Rolled Up Milestone | External Tasks | Deadline |

H

## LIST OF RECIPIENTS OF THE PETITION

| CITY/ STATE/ FEDERAL | TITLE | NAME | ADDRESS |
|---|---|---|---|
| Plainfield | First Selectman | Kevin M. Cunningham | Town of Plainfield<br>8 Community Avenue<br>Plainfield, CT 06374 |
| Plainfield | Planning & Engineering Department (Includes administration of Planning, Zoning, Inland Wetland & Watercourse regulations) | Lou Soja<br>Planning & Engineering Supervisor | Town of Plainfield<br>8 Community Avenue<br>Plainfield, CT 06374 |
| | | Ryan Brais<br>Zoning Officer | Town of Plainfield<br>8 Community Avenue<br>Plainfield, CT 06374 |
| Plainfield | Conservation Commission Chairman | John Meyer | Town of Plainfield<br>8 Community Avenue<br>Plainfield, CT 06374 |
| Plainfield | Plainfield Public Library | | 39 Railroad Avenue<br>Plainfield, CT 06374 |
| Plainfield | Central Village Public Library | | 51 Black Hill Road<br>Plainfield, CT 06374 |
| Canterbury | First Selectman | Neil Dupont, Sr. | Town of Canterbury<br>1 Municipal Drive<br>Canterbury, CT 06331 |
| Canterbury | Town Planner/Zoning Enforcement Officer/ Inland Wetlands | Steven Sadlowski | Town of Canterbury<br>1 Municipal Drive<br>Canterbury, CT 06331 |
| Canterbury | Chair, Planning and Zoning Commission | David Norrell | Town of Canterbury<br>1 Municipal Drive<br>Canterbury, CT 06331 |
| Canterbury | Chair, Inland Wetlands & Watercourse Commission | John A. Tetreault | Town of Canterbury<br>1 Municipal Drive<br>Canterbury, CT 06331 |
| Canterbury | Canterbury Public Library | | 1 Municipal Drive<br>Canterbury, CT 06331 |

| | | | |
|---|---|---|---|
| State<br>Plainfield | Senator, 18th District | Catherine Cook | 43 Pequot Avenue<br>Mystic, CT 06360-1812 |
| State<br>Canterbury | Senator, 29th District | Donald E. Williams, Jr. | Legislative Office Building<br>Room 3300<br>Hartford, CT 06106-1591 |
| State<br>Plainfield | Representative, 44th Assembly District | Michael Caron | 50 Carter Street<br>Danielson, CT 06239 |
| State<br>Plainfield | Representative, 45th Assembly District | Steve Mikutel | 152 Bethel Road<br>Griswold, CT 06351 |
| State<br>Canterbury | Representative, 47th Assembly District | Jack Malone | 37 Canterbury Turnpike<br>Norwich, CT 06360-1812 |
| State | Commissioner, Department of Environmental Protection | Gina McCarthy | 79 Elm Street<br>Hartford, CT 06106-5127 |
| State | Chairman, Department of Public Utility Control | Donald W. Downes | Ten Franklin Square<br>New Britain, CT 06051 |
| State | Commissioner, Dept of Economic & Community Development | James F. Abromaitis | 505 Hudson Street<br>Hartford, CT 06106 |
| State | Chairman, Connecticut Energy Advisory Board | Donald W. Downes | 805 Brook Street, Bldg 4<br>Rocky Hill, CT 06067 |
| State | Connecticut Siting Council | Colin C. Tait<br>Chairman | 10 Franklin Square<br>New Britain, CT 06051 |
| Federal | Regional Administrator, EPA New England | Robert W. Varney | Region 1<br>1 Congress St, Suite 1100<br>Boston, MA 02114-2023 |