conectiv energy

A New Generation of Energy

December 21, 2006

Ms. Lezael Rorie
ICF International
9300 Lee Highway
Fairfax, VA 22031

Mr. Jonathan Winer
La Capra Associates
21 Winthrop Square
Boston, MA 02110

Re: DP&L Company Request for Proposals for New Generation

Dear Ms. Rorie and Mr. Winer:

Conectiv Energy is pleased to provide Delmarva Power & Light Company ("DPL"), IFC International, and La Capra Associates the following response ("Proposal") to DPL's Request for Proposal dated October 30, 2006. Conectiv Energy has structured and priced this Proposal based on our successful record of constructing and commissioning similar facilities, our record of safe and dependable unit operation, the unique suitability of the proposed project site, and just as important, our extensive experience in energy trading. As a result, we are confident that our Proposal will be the lowest cost option for DPL's solicitation for energy and capacity, provide unique operating and cycling capability not offered by the competitors, offer the earliest commercial operation date and enhance reliability in the DPL service territory. Furthermore, Conectiv is convinced that this project includes the highest guaranteed availability and is the only technology with actual long term historical operating data.

Conectiv Energy is offering two pricing options in this Proposal. Both utilize a nominal 180 MW Unit (the "Project") that utilizes efficient state-of-the-art combined cycle technology. The Project will be located at the existing Hay Road Power Complex in New Castle County, Delaware. The Hay Road Complex, currently consisting of Hay Road Units 1-8, is owned and operated by Conectiv Delmarva Generation, Inc. ("CDG"), a wholly owned subsidiary of Conectiv Energy Holding Company ("CEH"). The Project will be constructed, owned and operated by either CDG or another of CEH's generation owning subsidiaries.

Electric interconnection from the Project to the PJM grid will be at the adjacent Hay Road 230 KV Red Lion line and will not require the acquisition of additional rights-of-way.

Summary of Comments on Date

This page contains no comments

Natural gas will be the primary fuel, and low sulfur light petroleum product will serve as secondary fuel. The dual fuel capability will ensure that all operating commitments are met. Natural Gas will be delivered via an existing lateral sourced to three (3) interstate pipeline companies. Liquid fuel oil will be delivered by barge to the existing Edge Moor Power Plant barge unloading facility, and then pumped to the site via an existing pipeline.

From an environmental and land use perspective, the Project is unique because it is a brownfield site located directly adjacent to existing electric generating facilities, is zoned Heavy Industrial, and is surrounded by compatible industrial land uses. The existing infrastructure will allow for cooling water needs to be satisfied without additional offsite facilities and moreover, the site lacks potentially sensitive resources such as wetlands, protected species or habitats, or cultural resources.

Conectiv Energy has the proven engineering, permitting, and construction experience to deliver the Project on time and within budget. Conectiv Energy's project teams are uniquely qualified as they have successfully engineered, constructed, and commissioned more than 1,650 MW of combined cycle generation in the last five years. Conectiv Energy continues to own and operate more than 3,600 MW of generating capacity in the base, mid-merit, and peak load segments. Our operating teams have the experience and ability to meet unit commitments, and do so daily.

All of CEH's generation owning subsidiaries have entered into tolling agreements with another of CEH's subsidiaries, Conectiv Energy Supply, Inc. ("CESI"), under which CESI acquires all of the fuel used in the generation facilities. Conectiv Energy intends for CESI to enter into a similar tolling agreement with the CEH subsidiary that will own and operate the Project. CESI has in place, and will continue to maintain, the proven professional relationships with the necessary brokers, marketers, and financial entities required to meet all of the fuel needs for this Project. CESI professionals have the expertise and internal processes in place to manage the physical and financial requirements to ensure a reliable fuel supply for the Project. They have successfully utilized this expertise to manage the fuel requirements of the remainder of the Conectiv Energy fleet of generation facilities for more than ten years.

Under the terms of its tolling agreement with the CEH subsidiary that owns the Project, CESI will have the right to all of the Products produced at the Project. Therefore, CESI will be the Conectiv Energy legal entity that will execute the PPA and sell the Products to DPL.

Conectiv Energy is offering DPL two alternatives within this Proposal. The only differences between the two relate to pricing of the Products sold to DPL (as described in Form R of the Proposal) and the authority to schedule and dispatch the Project. **Please note that Conectiv Energy respectfully requests that its proposed pricing terms contained on Form R be maintained as confidential.**

This page contains no comments

The first alternative (the "Base Offer") is a unit contingent sale under which (i) CESI will sell to DPL all of the Products produced at the Project and (ii) DPL will have the right to direct the dispatch of the Project. The Base Offer includes both Capacity and Energy charges. The charges for Energy produced while the Project is in the base operating mode (up to 152 MW) during PJM on-peak hours are indexed to coal indices and the GDP implicit price deflator. Conectiv Energy believes that this should provide the price stability sought in the RFP. The charges for Energy produced during PJM off-peak hours and while the Project is operating in excess of base operating mode (up to 177 MW) are structured so that DPL can elect to purchase Energy under the PPA only when economically beneficial.

The second alternative (the "Alternate Offer") is an asset backed capacity agreement with firm energy under which (i) CESI will sell to DPL the capacity associated with the Project (177 MW); (ii) CESI will transfer to DPL the revenues received from PJM for sale of the Ancillary Services associated with the Project; and (iii) CESI will to DPL sell a quantity of Energy that is equal to the quantity that would be produced at the Project if it were operating subject to DPL's dispatch. Under the Alternative Offer, however, CESI retains control over the dispatch of the Project and CESI decides upon the source of the Energy that it will deliver to DPL.

We believe that the Alternate Offer provides the lowest overall cost to DPL and its customers. By retaining the ability to optimize the scheduling and dispatch of the Project Conectiv Energy has been able to significantly reduce the capacity charge while retaining the same predictable on-peak energy price contained in the Base Offer.

Conectiv Energy is proposing a term, for both alternatives offers, of 10 years with an option available in years five through eight to extend the PPA for an additional five year term.

Finally, although not specifically included in this Proposal Conectiv Energy does have the infrastructure and facilities to increase this Project size to nominally 360 MW and to configure the PPA accordingly with the same pricing proposals contained herein.

Thank you for the opportunity to participate in the Request for Proposal for the Power Generation Project. We look forward to participating in the evaluation process and are poised to discuss our unique proposal and viable alternative with you. Prior to the final contract formation, review of the negotiated contract terms, conditions, and obligations will require final approval by the PHI Board of Directors.

This page contains no comments

Please contact Mr. Richard Purcell at (302) 451-5512 or alternatively Rich.Purcell@ Conectiv.com with any clarifications or comments regarding the Proposal.

Sincerely,

Arturo F. Agra
Vice-President
Conectiv Energy

cc: Albert F. Kirby- Conectiv Energy
David M. Velazquez – Conectiv Energy

This page contains no comments

delmarva power

A PHI Company

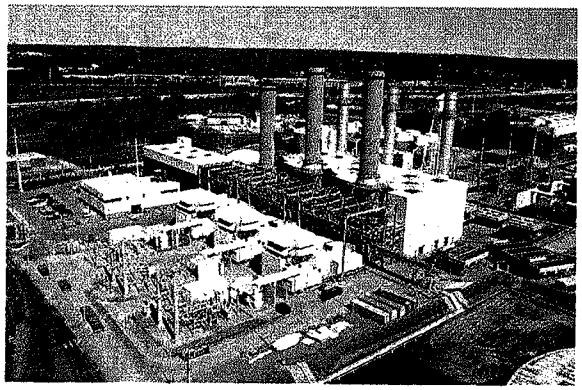
conectiv energy

A New Generation of Energy

Proposal Presented to:

ICF International *La Capra Associates*

In Response to Delmarva Power Request for Proposal for New Generation Resources



Submitted by:
Conectiv Energy Supply, Inc.
December 21st, 2006

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
I.	TECHNICAL FACILITY DESCRIPTION
II.	BASE BID PROPOSAL (Form A through Form R)
III.	BASE BID EXCEPTIONS AND CLARIFICATIONS
IV.	ALTERNATE / UNSOLICITED PROPOSAL (Form R)
V.	ALTERNATE PROPOSAL EXCEPTIONS AND CLARIFICATIONS

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
I.	TECHNICAL FACILITY DESCRIPTION

This page contains no comments

I. TECHNICAL FACILITY DESCRIPTION

The proposed Project, nominally rated at 180 MW, utilizes Combined Cycle technology in a 1 X 1 configuration which includes a single combustion turbine plus a single steam turbine generator. The units will be installed at the Hay Road Power Complex in New Castle County, Delaware as an expansion project. Unit designation will be Unit No. 9 (Combustion Turbine) and Unit No. 10 (Steam Turbine). BOP equipment will be designated as required.

The Combustion Turbine will be a Siemens-Westinghouse V84.2. The unit will have dual fuel capability with Natural gas as the primary fuel, and low sulfur light petroleum product as the secondary fuel. Natural gas will be delivered via an existing lateral sourced to three (3) interstate pipe line companies. Liquid fuel will be delivered by barge to the existing Edge Moor Power Plant barge unloading facility, and then pumped and stored at the site using an existing pipe line and 250,000 barrel storage tank.

The exhaust from the combustion turbine would be used to produce steam in a two pressure (high pressure and low pressure) heat recover steam generator (HRSG) for the steam turbine. The HRSG will employ an SCR utilizing anhydrous ammonia for NOx reduction in the combustion turbine exhaust. Anhydrous ammonia will be supplied via an existing storage tank located on-site. No CO catalyst will be required due to the unique silo combustors installed on the Combustion Turbines.

High and Low Pressure steam will be piped to an industrial designed Condensing Steam Turbine Generator containing high and low pressure turbine sections. Steam exhausted from the high pressure section will mix with the low pressure steam from the HRSG and be re-injected to the turbine. All steam used in the steam turbine will be condensed and reused in the process. Demineralized water used in the steam cycle will be processed from an existing water plant on site. Additional storage and system capacities will be upgraded as required to meet the needs of the new project.

Cooling water needs for the project will be achieved via the installation of a new mechanical draft cooling tower. This new tower will be used to remove the heat rejected from the circulating water from the condenser and other miscellaneous mechanical heat loads in the expanded facility. Makeup water (river water) for cooling will be provided from existing infrastructure piped from the outfall of Edge Moor Power Plant. Blowdown will be discharge in the existing Hay Road Unit 8 cooling tower blowdown line.

The Combustion and Steam Turbine Generators (2 total) will each be connected to a dedicated generator step up transformer to increase the Generator voltages from 13.8 kV to 230 kV. The output side of each step-up transformer will be electrically interconnected to high side circuit breakers then to the existing 230kV transmission line servicing Hay Road Units 5-8. This transmission line is interconnected to the Red Lion substation. A station service transformer and unit auxiliary transformers will be installed as required to satisfy medium and low pressure voltage applications.

Balance of plant equipment, back up power supplies, fire protection, and other critical ancillary systems will be installed to ensure the safe and reliable operating conditions required to meet the requirements of the RFQ.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	a. Form A
	b. Form B
	c. Form C
	d. Form D - Complete with Attachments
	e. Form E
	f. Form F
	g. Form G
	h. Form H
	i. Form I
	j. Form J
	k. Form K
	l. Form L – Complete with Attachments
	m. Form M
	n. Form N – Complete with Attachments
	o. Form O – Complete with Attachments
	p. Form P – Complete with Attachments
	q. Form Q – Complete with Attachments
	r. Form R – Complete with Attachments

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	a. **Form A**

This page contains no comments

Form A - Notice of Intent to Bid

Date: 22-Nov-06

Our organization intends to submit a proposal in response to the Delmarva Power & Light Request for Proposals for Generation Capacity and Power Purchase Agreement:

Contact Name: Richard Purcell
Name of Firm: Conectiv Energy
Address: 500 N. Wakefield Drive
Newark, DE 19702

Phone: 302-451-5512
e-mail: rich.purcell@conectiv.com

Alternate Contact Name: Krish Raju
Address: Conectiv Energy
500 N. Wakefield Drive
Newark, DE 19702

Phone: 302-451-5398
e-mail: krish.raju@conectiv.com

Project Description:
(include technology type, incremental facility capacity (MW), expected capacity factor and interconnection point (PJM bus #))

Conectiv proposes two alternate Projects. Both Projects shall utilize combined cycle technology. The base Project will be a 2CTx1ST configuration nominally rated at 360MW. The expected capacity factor will be 40% nominally. 240MW will be interconnected on PJM bus # 52463 (Red Lion 500 kV) and 120 MW will be connected on PJM bus # 1047974 (Edge Moor 230 kV). The alternate will be a 1CTx1ST configuration nominally rated at 180MW. The expected capacity factor will be 40% nominally. All capacity will be interconnected on PJM bus # 52463 (Red Lion 500 kV).

Signature: Richard A Purcell

Please return via FAX, U.S. Mail, or email no later than Wednesday November 22, 2006 to

Lezael Rorie
ICF International
9300 Lee Highway
Fairfax, VA 22031
FAX: (703) 934-3968
E-Mail: dpl_rfp@icfi.com

and
Barry J. Sheingold
New Energy Opportunities
125 Powers Road
Sudbury, MA 01776
FAX: (978) 440-7654
E-Mail: bjs@newenergyopps.com

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	b. Form B

This page contains no comments

Form B - Certification Form

The bidder hereby certifies that all of the statements and representations made in this proposal are true to the best of the bidder's knowledge and belief, and agrees to be bound by the representations, terms, and conditions contained in the RFP. The bidder accepts the ***Power Purchase Agreement*** included in the RFP, except as specifically noted in writing. This proposal is firm and will remain in effect for at least ***210 days*** after the proposal due date.

Submitted by: Conectiv Energy Supply, Inc.
(exact legal name of firm)

Bidder: _____
(if different than above)

Signature of an officer of bidder: _____

Print or type name of officer: Arturo F. Agra

Title: Vice President

Date Signed: December 20, 2006

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	c. Form C

This page contains no comments

Form C - Bid Summary

Generation Facility

1) **Project / Facility Name:** Hay Road Units 9 & 10 / Hay Road Power Complex

2) **Project Location (city, county):** Wilmington, New Castle County

3) **Project Location (latitude, longitude):** 39.75° N Latitude / 75.50° W Longitude

4) **Bidder Contact:**

Name:	Richard Purcell
Company:	Conectiv Energy
Address:	500 N. Wakefield Drive Newark, DE 19702
Phone / Fax:	(302) 451-5512 / (302) 451-5267
email:	Rich.Purcell@Conectiv.com

5) **Generation Technology** - general description of the proposed generation technology (e.g. pulverized coal, IGCC, combined cycle) including environmental control equipment. If retrofit or repowering, describe the proposed modification in detail.

Dual Fuel Combined Cycle Power facility constructed in 1 x 1 configuration equipped with S-W V84.2
Technology to allow for up to 2x's per day cycling, 20 minute energy delivery, 2 hour full load capability (Warm).
Plant configured with SCR system for NOx control, no CO control required due to burner selection.

6) **Facility Fuel Type and Transportation** - (describe primary and secondary fuels, if applicable)

Primary Fuel:	Natural Gas	Secondary Fuel:	Low Sulfur Light Petrol Prod
Transportation:	Pipe Line	Transportation:	Barge

7) **Transmission Interconnection**

Point of Interconnection (PJM Bus #):	180 MW - CT + STG on HR Red Lion 230 KV (8804)
Point of Interconnection (PJM Bus #):	
Interconnection Voltage (kV):	230 KV
Delivery Point as per PPA	HR / Red Lion 230 KV (DP&L Bus No. 23020)
Delivery Point Voltage	230 KV

8) **Capacity Rating**

Facility Net Design @ ISO Conditions (MW)	176 MW
Facility Summer (MW) at site conditions (92 degrees F)	177 MW
Facility Winter (MW) at site conditions (30 degrees F)	175 MW
PPA contract UCAP (MW)	177 MW
PPA Summer Dependable Capacity (MW)	177 MW
Uncommitted Capacity (MW)	0 MW

9) **Proposed Commercial Operation Date (COD):**
(Up to two commercial operation date options can be offered under one bid evaluation fee.)
Base COD: June 2011 [Contract Award On or Before 5/2007] Optional COD:

10) **Proposed Contract Duration:** 10 years - June 1, 2011 - May 31, 2021 [May 2007 Contract Award Req]
(Either the expiration date to an anniversary of COD or list the desired date)

11) **PPA Contract Type** - describe price (e.g. fixed price index based price, capped or collared price) and percentage of output offered. If PPA is for renewable capacity indicate if renewable energy credits are included in the bid and if so how many.

All output from the project (100%) is dedicated to the PPA. The Capacity price (expressed in $/kw-month) is based on a fixed price during the term. Energy price (expressed in $/MWH) is variable and is escalated using a [redacted]

Page: 15

Author: kraju
Subject: Note
Date: 2/15/2007 9:04:33 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 10:04:10 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:05:08 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:05:19 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	d. Form D - Complete with Attachments

This page contains no comments

Form D - Generation Facility Technical Description

This Form requests information regarding the Generation Facility for purpose of evaluating the overall impact of the Facility on the system and on the Delmarva Residual Standard Offer Service customers. If the Proposal consists of more than one generating unit with different operating characteristics, the Bidder should provide applicable information for each unit. If data is excluded, the evaluators may at their option elect to utilize generic characteristics consistent with the proposed capacity type or, if the information should be known by the Bidder, reject the bid as non-responsive. Some information requested may not be known by the Bidder at this time; Bidder is expected to respond to each question to the extent such information is known or can be reasonably obtained.

1) **Project / Facility Name:** Hay Road Units 9 & 10

2) **Generation Technology:**

Describe the number and type of proposed generator units:
Proposed project will consist of one (1) Siemens V84.2 combustion turbine, one (1) HRSG, and one (1) condensing steam turbine operated in combined cycle.

Configuration of generation equipment, i.e., CTs, HRSGs, steam turbines, etc.:
1CT x 1HRSG x 1ST

Generation equipment model numbers, vendors, manufacturers, etc.:
CT: Siemens V84.2 CT with Siemens [redacted] generator
STG: [redacted]
*PRELIMINARY - RIGHT RESERVED TO SUBSTITUTE STG WITH EQUIVALENT TECHNOLOGY UPON AWARD.

3) **Expected PJM Capacity Rating (kW):**

(indicate conditions for temperature, altitude, and power factor for which the data is supplied where applicable)

UCAP	177 MW
Net Summer Dependable	177 MW (16 FT ASL, 92F, 0.98 PF)
Net Winter Dependable	175 MW (16 FT ASL, 30F, 0.98 PF)
Maximum operating level	177 MW (16 FT ASL, 92F, 0.98 PF)
Minimum operating level	120 MW (16 FT ASL, 59F, 0.98 PF)
Most efficient operating level	151 MW (16 FT ASL, 59F, 0.98 PF)

4) **Expected Annual Forced Outage Rate (%):** 2.5%
(This rate should include only forced outages and unplanned maintenance, not planned maintenance.)

5) **Expected Average Annual Maintenance Requirements (days/year):** [redacted] Days/Year
On-peak Months (May, June, July, August, September): None
Off-peak Months: [redacted]

6) **For non-intermittent facilities, state the target equivalent availability factor and the projected capacity factor. For intermittent resources, state the projected capacity factor. Describe performance guarantees for facility operation.**

[redacted]

Performance guarantees to be provided for Availability, Energy, and Capacity

Page: 17

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:03:42 AM
[redacted] **Support for this redaction is provided in Paragraph No.4 of Mr. Inskip's letter dated February 15, 2007**

Author: kraju
Subject: Note
Date: 2/15/2007 8:41:03 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:05:59 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:06:12 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 8:45:29 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:06:19 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 10:05:08 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form D - Generation Facility Technical Description

7) Describe any circumstances under which the Facility output will have to be curtailed on a predictable basis such as soot blowing and/or deslagging, maintenance, steam host operation, etc.)

None anticipated on a predictable basis.

8) Heat Rate

Average and incremental heat rates for the Facility, higher heating value for the primary fuel specified or anticipated fuel blend.

	Average Heat Rate (BTU/kWh)**	Incremental Heat Rate (BTU/kWh)
Minimum Operating Level (68% Load)	7,988	5,560
50% of net capability	Not Applicable	Not Applicable
75% of net capability	Data Not Available	Data Not Available
86% of net capability	7,637	6,282
100% of net capability	7,691	8,023

* Higher Heating Value for NG Used is 23,000 btu/lb

** Heat Rates at Iso conditions. Actual conditions will vary as a function of ambient conditions and operating mode

9) Is proposed plant AGC controllable? Yes _____ No X

a) Low AGC Point (lowest output than can be achieved while the unit is on AGC)
Not Applicable

b) High AGC Point (highest output than can be achieved while the unit is on AGC)
Not Applicable

10) Minimum on-line time Eight (8) Hours
(minimum time between the generator breaker closing and re-opening)

11) Minimum downtime Four (4) Hours
(minimum time the generator needs to be off-line prior to restarting)

12) Start time - (unit has been off-line for six hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load

13) Start time - (unit has been off-line for eight hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load

14) Start time - (unit has been off-line for 12 hours) Twenty (20) Minutes
(the time it takes for the unit to start, close breaker and reach minimum load

15) Start time - (unit has been off-line for 3 days) Twenty (20) Minutes

16) AGC Ramp Rate Not Applicable
(rate at which the unit responds to frequency changes while on control (MW/minute)

This page contains no comments

Form D - Generation Facility Technical Description

17) **Normal Ramp Rate** Ten (10) MW/min. - after initial start and base load operation
(rate at which the unit can increase output while on manual control (MW/minute)

18) **Emergency Ramp Rate** Ten (10) MW/min. - after initial start and base load operation
(rate at which the unit can increase output only for emergency situations MW/minute)

19) **Ten-minute Start Capability** Yes _____ No X
If yes, achievable unit loading 10 minutes after synchronizing to system Not Applicable

20) Describe the performance history of major components such as turbines, boilers, generators, solar cells, modules or tracking equipment, etc.
The V84.2 has been used reliably over the past sixteen (16) years, with twelve (12) units currently in Conectiv Energy's fleet.
Similar combined cycle reliability can be demonstrated in the success of Conectiv Energy's 3x1 power block configurations, with over 2000 MWs in operation at Hay Road in Wilmington, DE and Bethlehem, PA.

21) Describe any unique benefits or value associated with the proposed technology as compared to other technologies in its class.
Combined Cycle technology provides Heat Rates lower than conventional power plant technologies. As compared to other CC units, the V84.2 allows for faster starts, provides up to 2 daily starts, has turn down capability, and utilizes lower combustion temperatures that allows for lower maintenance costs and quicker turn-arounds. Peak capacity segments are also available making the unit reliable, flexible, and efficient.

22) Provide any other relevant information about the proposed technology.
The proposed technology is mature and reliable. Conectiv Energy has multiple years experience (14 total) operating and maintaining the V84.2 in combined cycle operation.

23) Provide reactive power capability curve.
See Attachments Included in this section

24) Provide maximum reactive power productive and absortive capability.
CT: 17 MVARs Absorptive (-), 20 MVARs Productive (+)
ST: TBD

This page contains no comments

Form D - Generation Facility Technical Description

25) Technical Data:

Generator MVA Base	CT: 144 (ea.) ST: 70	
Generator Nominal Power factor	0.85	
Generator Terminal Voltage	13.8 kV	
Direct Axis Synchronous Reactance Xd	CT: 172% ST: 183%	NOTE 1
Direct Axis Transient Reactance X'd	CT:19.6% ST: 20.8%	NOTE 1
Direct Axis Sub-Transient Reactance X"d	CT:13.2% ST: 13.2%	NOTE 1
Generator Step-up Transformer MVA Base	CT: 83.4 ST: 41.7	
Generator Step-up Transformer Impedance (R+jX on transformer MVA Base)	CT: 7.5% ST: 7.5%	
Generator Step-up Transformer Rating (MVA)	CT: 144 ST: 72	
Generator Step-up Transformer Low-side Voltage (kV)	13.8 kV	
Generator Step-up Transformer High-side Voltage kV)	230 kV	
Generator Step-up Transformer Number of taps and step size	4 / 2.5%	

NOTES:

1. ALL VALUES LISTED ARE SATURATED
2. Conectiv Energy RESERVES THE RIGHT TO ALTER STEAM TURBINE, GENERATOR, AND GSU DATA BASED ON FINAL EQUIPMENT SELECTION

This page contains no comments

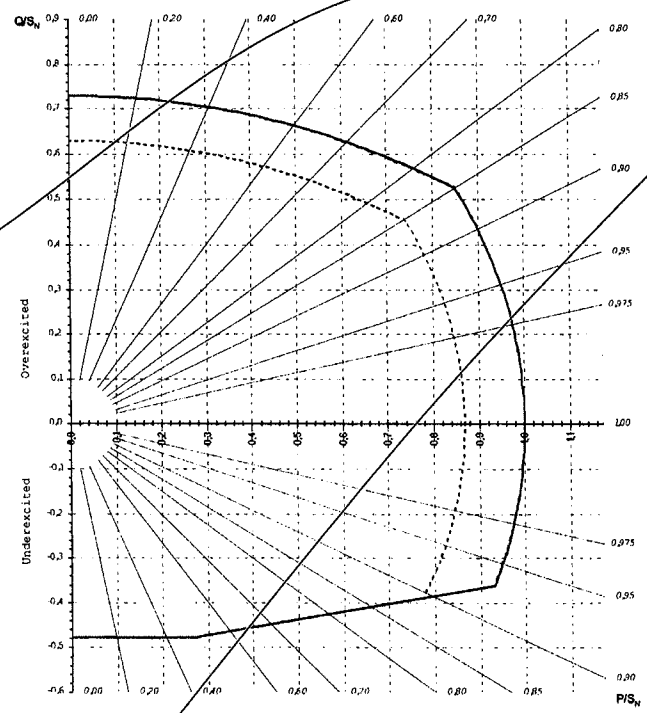
FORM D - QUESTION 23
PAGE 1 OF 8

Turbogenerator Description

Reactive Capability Curve

Generator - Type: [redacted]

Load Point			Rated	A	B
Generator Output	S_N	=	144.000 MVA	144.000 MVA	125.000 MVA
Armature Voltage	U_N	=	13.800 kV	13.800 kV	13.800 kV
Armature Current	I_N	=	6.025 kA	6.025 kA	5.230 kA
Frequency	F_N	=	60 Hz	60 Hz	60 Hz
Power Factor	P.F.	=	0.850	0.850	0.850
Cold Gas Temperature	T_{Cold}	=	86 °F (30 °C)	57 °F (14 °C)	126 °F (52 °C)



Page: 21

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:14:18 PM
FORM D - QUESTION 23
PAGE 1 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:16:39 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:03:47 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Text Box
Date: 1/23/2007 1:38:01 PM

FORM D - QUESTION 23
PAGE 2 OF 8

Turbogenerator Description

Electrical Data, Losses and Efficiencies

GENERATOR TYPE: TLRI 100/30-36

Load Point					N		A		B	
Standard					ANSI C50.14		ANSI C50.14		ANSI C50.14	
Thermal Classification: Design / Using					F / B		F / B		F / B	
Power				MVA	144.000		144.000		125.000	
Cold Air Temperature				°C	30.0		14.0		52.0	
Voltage				kV	13.800		13.800		13.800	
Voltage Deviation			+ / -	%	5.0	5.0	5.0	5.0	5.0	5.0
Armature Current				kA	6.625		6.025		5.230	
Frequency				Hz	60		60		60	
Power Factor				-	0.850		0.850		0.850	
Excitation Requirements	No load	I_f	U_f	A / V	396	97	396	91	396	101
	4/4-load	I_f	U_f	A / V	1051	257	1051	242	944	241
	5/4-load	I_f	U_f	A / V	1270	310	1270	292	1123	286
Cooling Air	Losses			kW	1860		1860		1699	
	Air flow	Temp. rise		m^3/s / K	45.0	39.5	45.0	39.5	45.0	36.1
Short Circuit Currents at No-Load	I_S : 3-phase (peak)			kA	129		129		129	
	I_{K3} : 3-phase (sustained)			kA	9.3		9.3		8.4	
	I_{K2} : 2-phase (sustained)			kA	14.9		14.9		13.4	
Short Circuit Ratio				-	0.582		0.582		0.670	
Reactances	x''_d	unsat.	sat.	% / %	16.3	13.2	16.3	13.2	14.2	11.5
	x'_d	unsat.	sat.	% / %	21.8	19.6	21.8	19.6	18.9	17.0
	x_d	unsat.	sat.	% / %	203	172	203	172	176	149
	x''_q	unsat.	sat.	% / %	18.0	14.6	18.0	14.6	15.6	12.6
	x'_q	unsat.	sat.	% / %	44.2	40.0	44.2	40.0	37.6	34.0
	x_q	unsat.	sat.	% / %	193	164	193	164	168	142
	x_2	unsat.	sat.	% / %	17.2	13.9	17.2	13.9	14.9	12.1
	x_0	unsat.		%	8.4		8.4		7.3	
	x_{leak}	unsat.		%	12.7		12.7		11.0	
Time constants at 75 °C winding temperature	T''_d			s	0.031		0.031		0.031	
	T'_d			s	0.862		0.862		0.862	
	T'_{d0}			s	8.664		8.664		8.664	
	T''_{d0}			s	0.042		0.042		0.042	
	T_a			s	0.280		0.280		0.280	
Resistance at 20°C	Stator winding / phase			mΩ	1.31		1.31		1.31	
	Rotor winding			mΩ	191.51		191.51		191.51	
Voltage regulation	PF = rated P.F.			%	28.7		28.7		26.0	
	PF = 1.00			%	21.9		21.9		19.3	
Max. unbalanced load	Continuous			%	8		8		8	
	Short time $i_2^2 * t$			s	10		10		10	
Power at PF = 0	Underexcited			Mvar	68.8		68.8		68.8	
	Overexcited			Mvar	105.1		105.1		90.7	
Winding temp. rise (calculated values)	Stator (RTD)			K	60		58		54	
	Rotor (average)			K	60		57		52	
Total losses				kW	1924		1924		1764	
Efficiences with tolerance at static excitation and rated P.F. (incl. bearing losses)	4/4-load			%	98.45		98.45		98.37	
	3/4-load			%	98.25		98.25		98.09	
	2/4-load			%	97.71		97.71		97.44	
	1/4-load			%	95.90		95.90		95.34	

Page: 22

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:17:08 PM
FORM D - QUESTION 23
PAGE 2 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:16:52 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:16:57 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

FORM D - QUESTION 23
PAGE 3 OF 8

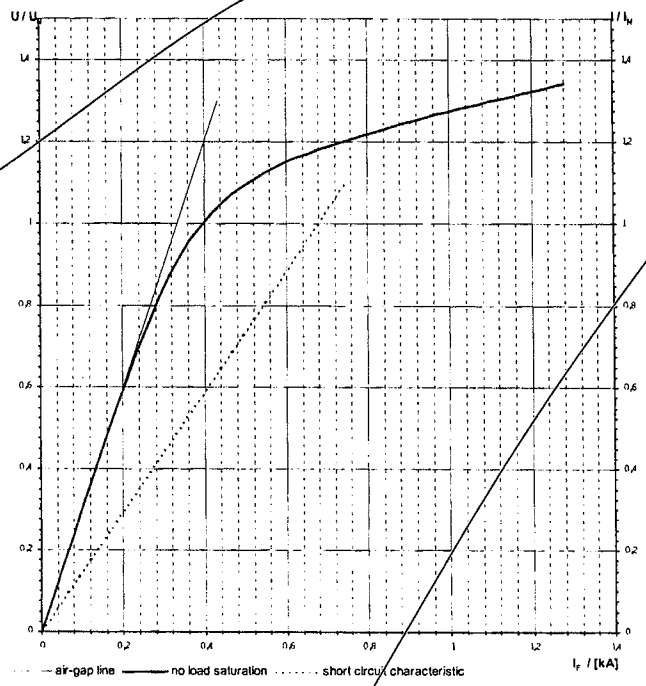
Turbogenerator Description

Generator Characteristics

Generator - Type : [redacted]

Generator Output	S_N	=	144.000 MVA
Armature Voltage	U_N	=	13.800 kV
Armature Current	I_N	=	6.025 kA
Frequency	F_N	=	60 Hz
Power factor	P.F.	=	0.850
Short circuit ratio	S.C.R.	=	0.582
No load field current	I_{f0}	=	396 A
Nominal field current	I_{fN}	=	1051 A

S(1.0) = 18.3%
S(1.2) = 85.6%



Page: 23

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:17:11 PM
FORM D - QUESTION 23
PAGE 3 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:17:02 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:17:07 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Text Box
Date: 1/23/2007 1:39:26 PM

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:17:13 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

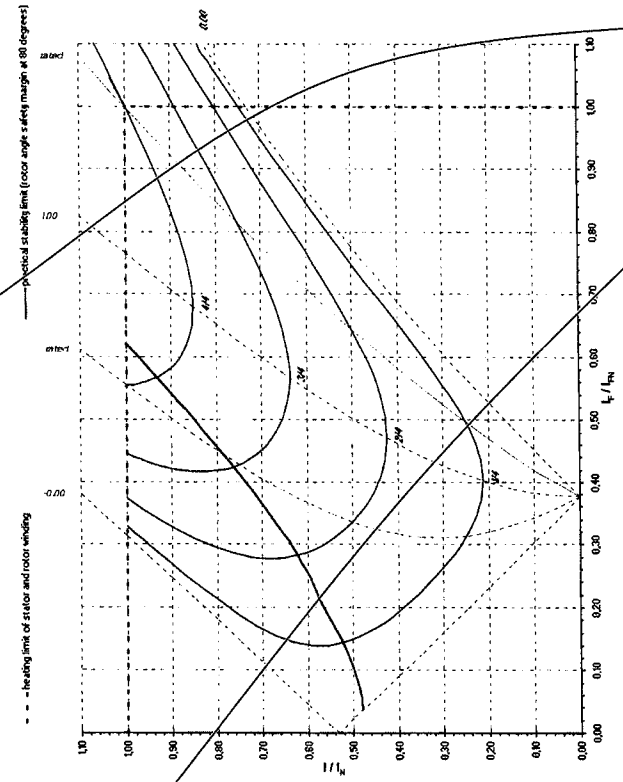
FORM D - QUESTION 23
PAGE 4 OF 8

Turbogenerator Description

V-Curves at Rated Voltage

Generator - Type : [redacted]

S_N =	144.000 MVA	F_N =	60 Hz	I_{f0} =	396 A
U_N =	13.8 kV	P.F. =	0.850	I_{fN} =	1051 A
I_N =	6.025 kA	T_{Cold} =	30 °C		



Page: 24

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:16:39 PM
FORM D - QUESTION 23
PAGE 4 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:17:16 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 3:17:21 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:03:16 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

FORM D - QUESTION 23
PAGE 5 OF 8

Turbogenerator

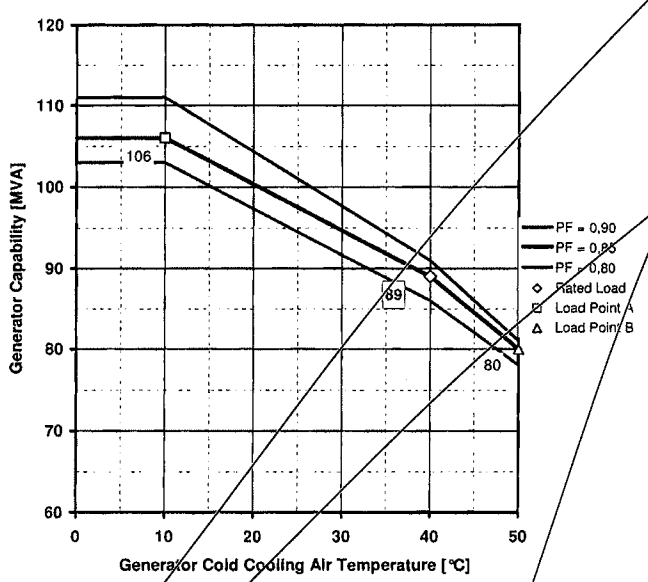
Type-Series 2002

Capability vs. Cold Cooling Air

Generator - Type: [redacted]

S_N =	89,0	MVA	P.F. =	0,85	$T_{Cold\ Air}$ =	40	°C
U_N =	13,8	kV	f_N =	60	Hz		
I_N =	3,723	kA	n_N =	3600	rpm	Design acc. to ANSI C50 class B	

Generator Cold Cooling Air Temperature [°C]		0	10	40	50
Capability [MVA]	PF = 0,80	103	103	86	78
	PF = 0,85	106	106	89	80
	PF = 0,90	111	111	91	81



Page: 25

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:17:42 PM
FORM D - QUESTION 23
PAGE 5 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:02:26 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:02:21 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:02:17 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:02:10 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:02:03 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

GENERATOR

Electrical Data, Losses and Efficiencies

Generator Type: [redacted]

Load Point						N		A		B		
Standard						ANSI C50.13		ANSI C50.13		ANSI C50.13		
Thermal Classification: Design / Using						F / B		F / B		F / B		
Power				MVA		89,00		106,00		80,00		
Cold Air Temperature				°C		40,0		10,0		50,0		
Voltage				kV		13,80		13,80		13,80		
Voltage Deviation			+	%	-	5,0	5,0	5,0	5,0	5,0	5,0	
Armature Current				kA		3,723		4,435		3,347		
Frequency				Hz		60		60		60		
Power Factor				-		0,85		0,85		0,85		
Excitation Requirements	No load	I_f	U_f	A	V	360	59	360	57	360	59	
	4/4-load	I_f	U_f	A	V	1120	183	1295	205	1030	168	
	5/4-load	I_f	U_f	A	V	1351	220	1583	251	1233	201	
Cooling Air	Losses			kW		1221		1455		1114		
	Air flow	Temp. rise		m^3/s	K	28,0	41,7	28,0	49,7	28,0	38,1	
Short Circuit Currents at No-Load	I_S: 3-phase (peak)			kA		63		83		63		
	I_{K3}: 3-phase (sustained)			kA		5,0		5,8		4,6		
	I_{K2}: 2-phase (sustained)			kA		8,0		9,2		7,3		
Short Circuit Ratio				-		**0,43**		**0,36**		**0,48**		
Reactances	x''_d	unsat.	sat.	%	%	20,8	16,8	24,7	20,0	18,7	15,1	
	x'_d	unsat.	sat.	%	%	29,3	26,4	34,9	31,4	26,3	23,7	
	x_d	unsat.	sat.	%	%	246	233	294	277	222	209	
	x''_q	unsat.	sat.	%	%	22,8	18,5	27,2	22,0	20,5	16,6	
	x'_q	unsat.	sat.	%	%	52,3	47,3	61,1	55,3	47,0	42,6	
	x_q	unsat.	sat.	%	%	234	199	279	237	211	179	
	x_2	unsat.	sat.	%	%	21,8	17,6	26,0	21,0	19,6	15,9	
	x_0	unsat.		%		11,5		13,7		10,3		
	x_{leak}	unsat.		%		16,6		19,7		14,9		
Time constants at 75 °C winding temperature	T''_d			s		0,031		0,031		0,031		
	T'_d			s		0,772		0,772		0,772		
	T'_{d0}			s		6,987		6,987		6,987		
	T''_{d0}			s		0,044		0,044		0,044		
	T_a			s		0,302		0,302		0,302		
Resistance at 20°C	Stator winding / phase			mΩ		2,58		2,58		2,58		
	Rotor winding			mΩ		118,74		118,74		118,74		
Voltage regulation	PF = rated P.F.			%		42,9		47,2		40,5		
	PF = 1,00			%		37,2		41,6		34,8		
Max. unbalanced load	Continuous			%		8		8		8		
	Short time $i_2^2 * t$			s		10		10		10		
Power at PF = 0	Underexcited			Mvar		33,3		33,3		33,3		
	Overexcited			Mvar		71,1		85,2		63,4		
Winding temp. rise (calculated values)	Stator (RTD)			K		67		81		59		
	Rotor (average)			K		75		95		65		
Losses	Bearing losses			kW		85		85		85		
	Windage losses			kW		414		414		414		
	Core losses			kW		175		175		175		
	Short circuit losses			kW		407		577		328		
	Rotor I^2R losses			kW		190		254		161		
	Total losses			kW		1271		1505		1163		
Efficiencies with tolerance at brushless excitation and rated P.F. (incl. bearing losses)	5/4-load			%		98,35		98,36		98,32		
	3/4-load			%		98,22		98,32		98,14		
	2/4-load			%		97,80		98,02		97,64		
	1/4-load			%		96,24		96,76		95,88		

Page: 26

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:18:04 PM
FORM D - QUESTION 23
PAGE 6 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:50 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:39 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:34 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:30 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:23 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:17 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:12 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:01:06 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Text Box
Date: 1/23/2007 1:43:04 PM

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:00:58 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Comments from page 26 continued on next page

GENERATOR

Electrical Data, Losses and Efficiencies

Generator Type: [redacted]

Load Point					N		A		B	
Standard					ANSI C50.13		ANSI C50.13		ANSI C50.13	
Thermal Classification: Design / Using					F / B		F / B		F / B	
Power			MVA		89,00		106,00		80,00	
Cold Air Temperature			°C		40,0		10,0		50,0	
Voltage			kV		13,80		13,80		13,80	
Voltage Deviation	+	-	%		5,0	5,0	5,0	5,0	5,0	5,0
Armature Current			kA		3,723		4,435		3,347	
Frequency			Hz		60		60		60	
Power Factor			-		0,85		0,85		0,85	
Excitation Requirements	No load	I_f / U_f	A	V	360	59	360	57	360	59
	4/4-load	I_f / U_f	A	V	1120	183	1295	205	1030	168
	5/4-load	I_f / U_f	A	V	1351	220	1583	251	1233	201
Cooling Air	Losses		kW		1221		1455		1114	
	Air flow	Temp. rise	m^3/s	K	28,0	41,7	28,0	49,7	28,0	38,1
Short Circuit Currents at No-Load	I_S: 3-phase (peak)		kA		63		63		63	
	I_{K3}: 3-phase (sustained)		kA		5,0		5,8		4,6	
	I_{K2}: 2-phase (sustained)		kA		8,0		9,2		7,3	
Short Circuit Ratio			-		**0,43**		**0,36**		**0,48**	
Reactances	x''_d	unsat. / sat.	%	%	20,8	16,8	24,7	20,0	18,7	15,1
	x'_d	unsat. / sat.	%	%	29,3	26,4	34,9	31,4	26,3	23,7
	x_d	unsat. / sat.	%	%	246	233	294	277	222	209
	x''_q	unsat. / sat.	%	%	22,8	18,5	27,2	22,0	20,5	16,6
	x'_q	unsat. / sat.	%	%	52,3	47,3	61,1	55,3	47,0	42,6
	x_q	unsat. / sat.	%	%	234	199	279	237	211	179
	x_2	unsat. / sat.	%	%	21,8	17,6	26,0	21,0	19,6	15,9
	x_0	unsat.	%		11,5		13,7		10,3	
	x_{leak}	unsat.	%		16,6		19,7		14,9	
Time constants at 75 °C winding temperature	T''_d		s		0,031		0,031		0,031	
	T'_d		s		0,772		0,772		0,772	
	T'_{d0}		s		6,987		6,987		6,987	
	T''_{q0}		s		0,044		0,044		0,044	
	T_a		s		0,302		0,302		0,302	
Resistance at 20°C	Stator winding / phase		mΩ		2,58		2,58		2,58	
	Rotor winding		mΩ		118,74		118,74		118,74	
Voltage regulation	PF = rated P.F.		%		42,9		47,2		40,5	
	PF = 1,00		%		37,3		41,6		34,8	
Max. unbalanced load	Continuous		%		8		8		8	
	Short time $i_2^2 * t$		s		10		10		10	
Power at PF = 0	Underexcited		Mvar		33,3		33,3		33,3	
	Overexcited		Mvar		71,1		85,3		63,4	
Winding temp. rise (calculated values)	Stator (RTD)		K		67		81		59	
	Rotor (average)		K		75		95		65	
Losses	Bearing losses		kW		85		85		85	
	Windage losses		kW		414		414		414	
	Core losses		kW		175		175		175	
	Short circuit losses		kW		407		577		328	
	Rotor I^2R losses		kW		190		254		161	
	Total losses		kW		1271		1505		1163	
Efficiencies with tolerance at brushless excitation and rated P.F. (incl. bearing losses)	4/4-load		%		98,35		98,36		98,32	
	3/4-load		%		98,22		98,32		98,14	
	2/4-load		%		97,80		98,02		97,64	
	1/4-load		%		96,24		96,76		95,88	

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:00:48 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:00:43 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

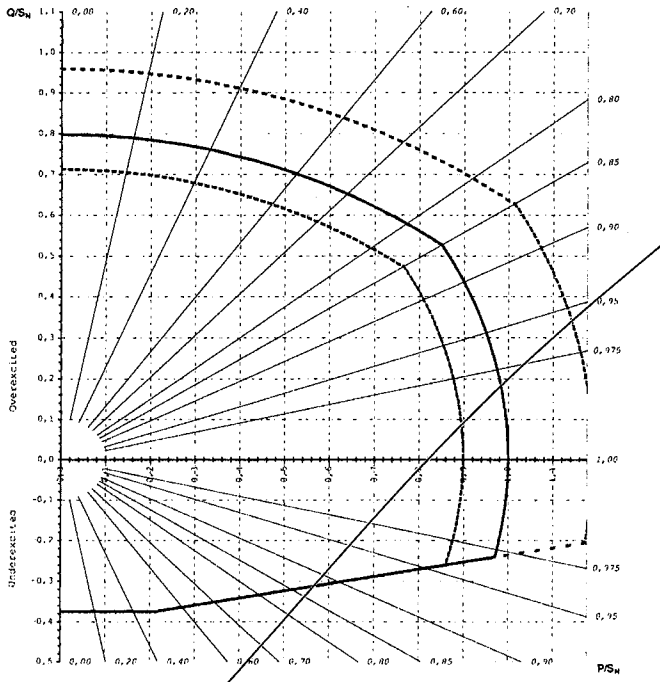
FORM D - QUESTION 23
PAGE 7 OF 8

GENERATOR

Reactive Capability Curve

Generator - Type: TLRI 86/26-36

Load Point	Rated	A	B
S_N	89,00 MVA	106,00 MVA	80,00 MVA
U_N	13,80 kV	13,80 kV	13,80 kV
I_N	3,723 kA	4,435 kA	3,347 kA
f_N	60 Hz	60 Hz	60 Hz
PF	0,85	0,85	0,85
T_{Cold}	40,0 °C	10,0 °C	50,0 °C



Page: 27

Author: cferrell
Subject: Text Box
Date: 12/18/2006 2:18:09 PM
FORM D - QUESTION 23
PAGE 7 OF 8

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 9:59:19 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 9:59:25 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 9:59:29 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Pencil
Date: 2/16/2007 10:00:06 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

GENERATOR [redacted]

Mechanical Data Sheet [redacted]

[redacted]

[redacted]

Page: 28

Author: kraju
Subject: Note
Date: 2/15/2007 3:59:23 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	e. **Form E**

This page contains no comments

Form E - Firm Capacity Rating (UCAP)

Please provide estimated summer net contract capacities in MW that would be available over the proposed contract term and also indicate any residual firm capacity that would be available to participate in the PJM capacity makets over the life of the proposed project. **The values should reflect the total anticipated PJM UCAP rated capacity over the indicated contract year according to the PJM market rules.**

Please confirm that the capacity will be located within the Delmarva zone.

		Summer		Winter	
Contract Year	Location (Indicate PJM Zone)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)
6/1/2007 - 5/31/2008	PERMITTING / CONSTRUCTION / COMMISSIONING				
6/1/2008 - 5/31/2009					
6/1/2009 - 5/31/2010					
6/1/2010 - 5/31/2011					
6/1/2011 - 5/31/2012	DP&L Bus 23020	177	0	175	0
6/1/2012 - 5/31/2013	DP&L Bus 23020	177	0	175	0
6/1/2013 - 5/31/2014	DP&L Bus 23020	177	0	175	0
6/1/2014 - 5/31/2015	DP&L Bus 23020	177	0	175	0
6/1/2015 - 5/31/2016	DP&L Bus 23020	177	0	175	0
6/1/2016 - 5/31/2017	DP&L Bus 23020	177	0	175	0
6/1/2017 - 5/31/2018	DP&L Bus 23020	177	0	175	0
6/1/2018 - 5/31/2019	DP&L Bus 23020	177	0	175	0
6/1/2019 - 5/31/2020	DP&L Bus 23020	177	0	175	0
6/1/2020 - 5/31/2021	DP&L Bus 23020	177	0	175	0
6/1/2021 - 5/31/2022	END OF CONTRACT TERM				
6/1/2022 - 5/31/2023					
6/1/2023 - 5/31/2024					
6/1/2024 - 5/31/2025					
6/1/2025 - 5/31/2026					
6/1/2026 - 5/31/2027					
6/1/2027 - 5/31/2028					
6/1/2028 - 5/31/2029					
6/1/2029 - 5/31/2030					
6/1/2030 - 5/31/2031					
6/1/2031 - 5/31/2032					
6/1/2032 - 5/31/2033					
6/1/2033 - 5/31/2034					
6/1/2034 - 5/31/2035					
6/1/2035 - 5/31/2036					
6/1/2036 - 5/31/2037					
6/1/2037 - 5/31/2038					

Additional Notes (use additional sheets as necessary):

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	f. Form F

This page contains no comments

Form F - Net Dependable Capacity Rating (Dispatchable Capacity)

Please provide estimated summer net contract capacities in MW that would be available over the proposed contract term and any residual firm capacity that would be available to participate in the PJM capacity makets. The values should reflect the PJM rated capacity over the indicated contract year according to the PJM market rules.

If the proposal includes any additional capacity from duct-firing, steam injection, or any other type of supplemental capacity (incremental to base capacity), please indicate the amounts available under summer and winter conditions. In addition, note any limitations, including but not limited to emission permitting limitations, on the availability of such additional capacity.

Summer capacities be based on an ambient temperature of 92 degrees Fahrenheit ambient air temperature, and appropriate humidity and altitude.

Winter capacities should be based on an ambient temperature of 30 degrees Fahrenheit ambient air temperature and appropriate humidity and altitude.

Please confirm that the capacity will be available within the Delmarva system.

		Summer		Winter	
Contract Year	Location (Indicate PJM Zone)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)	Net Contract Capacity (Base)	Net Residual Capacity (Supplemental)
6/1/2007 - 5/31/2008	PERMITTING / CONSTRUCTION / COMMISSIONING				
6/1/2008 - 5/31/2009					
6/1/2009 - 5/31/2010					
6/1/2010 - 5/31/2011					
6/1/2011 - 5/31/2012	DP&L Bus 23020	177	0	175	0
6/1/2012 - 5/31/2013	DP&L Bus 23020	177	0	175	0
6/1/2013 - 5/31/2014	DP&L Bus 23020	177	0	175	0
6/1/2014 - 5/31/2015	DP&L Bus 23020	177	0	175	0
6/1/2015 - 5/31/2016	DP&L Bus 23020	177	0	175	0
6/1/2016 - 5/31/2017	DP&L Bus 23020	177	0	175	0
6/1/2017 - 5/31/2018	DP&L Bus 23020	177	0	175	0
6/1/2018 - 5/31/2019	DP&L Bus 23020	177	0	175	0
6/1/2019 - 5/31/2020	DP&L Bus 23020	177	0	175	0
6/1/2020 - 5/31/2021	DP&L Bus 23020	177	0	175	0
6/1/2021 - 5/31/2022	END OF CONTRACT TERM				
6/1/2022 - 5/31/2023					
6/1/2023 - 5/31/2024					
6/1/2024 - 5/31/2025					
6/1/2025 - 5/31/2026					
6/1/2026 - 5/31/2027					
6/1/2027 - 5/31/2028					
6/1/2028 - 5/31/2029					
6/1/2029 - 5/31/2030					
6/1/2030 - 5/31/2031					
6/1/2031 - 5/31/2032					
6/1/2032 - 5/31/2033					
6/1/2033 - 5/31/2034					
6/1/2034 - 5/31/2035					
6/1/2035 - 5/31/2036					
6/1/2036 - 5/31/2037					
6/1/2037 - 5/31/2038					

Additional Notes (use additional sheets as necessary):
- All capacity available for peak operation with water injection is included in the base bid.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	g. **Form G**

This page contains no comments

Form G - Fuel Plan

1) Please describe the type and design of the proposed boiler:

The facility will utilize unfired Heat Recovery Steam Generators on this project. Heat input is provided from the Combustion Turbine exhaust gas.
The Heat Recovery Steam Generator Sections will be configured horizontally and include HP and LP Steam Generating and Superheat Sections, dedicated Economizers, and a feedwater / preheat system.

2) Identify the primary and secondary fuels used by the project as well as any other alternate fuel capability.

Primary Fuel - Natural Gas (Interstate pipeline quality)

Secondary Fuel - Low Sulfur Light Petroleum Product

3) Provide the following fuel specifications:

Fuel Type	Natural Gas	Sulfur Content	N/A
Heat Content	1.00-1.05 MMBtu/Mcf	Ash Content	N/A
Moisture Content	N/A	Ash Fusion Temp.	N/A

Provide the following fuel specifications:

Fuel Type	LSLPP	Sulfur Content	<0.04%
Heat Content	135,000 - 140,000 Btu	Ash Content	0.01
Moisture Content	<0.10 per volume	Ash Fusion Temp.	N/A

4) Describe the type(s) and source(s) of the fuel:

Primary Fuel Natural Gas - Interstate pipeline quality natural gas as delivered from the TETCO, Transco, or Columbia Gas interstate pipelines

Secondary Fuel: Low Sulfur Light Petroleum Products delivered by Barge from multiple sources from New York, Philadelphia, or Baltimore harbors to the barge unloading facility where it is transferred to the site from an existing pipeline.

This page contains no comments

Form G - Fuel Plan

5) For each fuel proposed, provide the following information:
- Expected consumption on a daily and annual basis
- Expected maximum instantaneous usage
- An estimate of the percentage provided by each fuel
- The period in which each fuel will be provided (months)
- The percentage of spot or contract volume for each fuel
- Share of contract volumes for contracts of greater than 5 years

a) Nominal Daily Consumption Estimated at 20,000 dt/day / Annual Consumption 5.0 - 6.0 bcf

b) 1421 mmbtu/hr

c) Maximum secondary fuel operation limited to 10% of the total operating hours per year

d) No seasonal restrictions on fuel availability

e) Final fuel portfolio of firm and spot capacity will vary year to year and be adjusted based on the final contract format.

f) Contracts will be negotiated and executed following the successful award and execution of the PPA.

6) List the transporters and describe the transportation routes used to deliver all fuel requirements (primary and secondary) from the source of supply to the plant site. Provide a map depicting the proposed transportation routes from the source of supply to the Project.

The plant will be served by an existing dedicated gas pipeline that connects with 3 interstate gas pipelines - TETCO, Transco, and Columbia Gas. The three pipelines offer supply sources ranging from Texas and the Gulf of Mexico, U.S. Mid continent, and the Appalachian supply areas. Additionally, these pipelines interconnect with many other interstate pipelines to provide reliable and economic options for the plant.

Barge supplies of liquid fuel can be obtained from the New York, Philadelphia or Baltimore markets and delivered via an existing pipeline from the Edge Moor Barge Facility to the Hay Road site. Note that the Edge Moor Barge facility is owned and operated by Conectiv Energy.

7) Describe the types (firm or interruptible) and terms and conditions of all transportation arrangements proposed for all transportation segments from the fuel supply source to the Facility site, and provide copies of all such transportation arrangements.

CESI currently has contracts with TETCO and Columbia Gas that deliver nearly [redacted] dt/day of gas to the existing plant site on a firm basis. CESI participates in the released capacity and firm delivered gas markets for periods from 1 day to many years. CESI has NAESB contracts and credit arrangements in place with pipelines, producers, marketers, and gas utilities. Also given the nature of the NE gas markets, interruptible capacity is available for most months of the year.

Page: 35

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 8:58:43 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Form G - Fuel Plan

8) Indicate if transportation service is to be provided via existing capacity or if new capacity is required to provide such service. In the event new capacity is required, Bidder shall provide all relevant information relative to the proposed capacity arrangement in sufficient detail to allow the Proposal's feasibility to be evaluated.

CESI would serve the facility in part with gas capacity currently under contract. These contracts can be renewed by CESI to cover the PPA period. Additionally CESI will negotiate with the suppliers for additional firm capacity and other required pipeline agreements that may be needed to meet the gas delivery needs for the plant.

9) Provide all pricing arrangements, tariffs and/or pricing assumptions for all separate transportation segments. Explain the basis for the transportation price assumptions.

Pricing (demand charges) of recent incremental pipeline capacity projects in this market area has ranged as high as [redacted] per dt, depending on receipt and delivery point. All interstate pipeline tariffs and their terms and conditions can be found on each of the pipeline supplier's websites. Final contract terms for full gas delivery are not in place at this time. The proforma assumptions in this proposal utilized existing pricing structures and current commercial arrangements combined with forward market forecasts.

10) Provide a description of the sources of fuel supply for the Facility, and list the names of the proposed fuel suppliers.

CESI has NAESB contracts and credit agreements in place with dozens of suppliers, storage holders, marketers, financial entities, and utilities to manage the [redacted] Bcf of annual gas needs for its existing generation fleet. CESI buys physical supply in the [redacted] and [redacted] zones to move on our pipeline transport or put into storage. CESI also buys firm delivered gas and physical options as required. CESI also has the appropriate financial and risk management agreements and systems in place to manage the fuel pricing component of this proposal. For Low Sulfur Light Petroleum Products, CESI has relationships with various marketers in New York, Philadelphia, and Baltimore.

Page: 36

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 8:59:06 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:01:01 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:00:18 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:00:23 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form G - Fuel Plan

11) Provide copies of all fuel supply arrangements or proposed arrangements. Include all terms and conditions applicable to the arrangements including:

- Term
- Volume commitments
- Pricing arrangements/components
- Minimum take requirements
- Acceptable contract terms and conditions
- Status of the arrangements
- Price re-openers
- Volume flexibility/penalties
- Market out provisions
- Performance guarantees
- Lead time on arranging or nominating gas supply for delivery
- Quality specifications for all fuels

CESI will assemble an appropriate portfolio of gas transport, storage and supply as well as the required liquid fuel needs that is consistent with the energy pricing proposed in the PPA. The supply portfolio will include both the expected physical supply needs of the plant as well as the financial instruments and options that would be used to manage the fuel commodity portion of the submitted energy offer.

12) Provide a description of the fuel pricing arrangements for both the primary and secondary fuels including the fuel price index utilized as well as any escalation factors or any other costs to the company, any price floors or ceilings, and any price variation based on load factor or other provisions.

For natural gas, the submitted energy pricing is based on an annual gas cost at the Henry Hub plus a transportation charge for delivery (basis) to the plant. For years where Henry Hub pricing is not available, an annual escalation of [redacted] will be used from the last available year. For liquid fuel, pricing will be based on a Platt's oil index plus related transportation charges.

Page: 37

Author: mdelcasale
Subject: Pencil
Date: 2/15/2007 9:07:02 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Form G - Fuel Plan

13) Provide information that describes if and how the fuel pricing arrangements are integrated with the terms of the proposed PPA. Discuss if there are any limitations in the fuel supply arrangements that could affect unit dispatch or translate into a constraint on unit operations.

The pricing of the PPA is the result of CESI's analysis of all expected costs to deliver fuel to the plant. These include physical commodity, gas pipeline transport and upgrades, gas storage needs and all costs associated with liquid fuel storage and delivery.

Fuel would be available at the plant except under Force Majeure conditions.

14) Provide copies of supplier's annual reports, marketing and financial information that illustrate the financial and market strength of the supplier and its experience in supplying fuel to power Facilities.

CESI will procure and manage all the fuel needs, both physically and financially, of the plant as required to support this offer. The fuel sources referenced through this document are major transporters and are well equipped to support this project.

CESI has a long standing history with the referenced fuel suppliers for this proposal who meet the daily needs for providing fuel for the 3600 MW currently managed by Conectiv Energy including the existing 2000 MW of Combined Cycle technology applied in this proposal.

15) Provide a description of Bidder's experience in securing fuel supply and transportation arrangements for other Facilities of similar size, technology and fuel type.

Conectiv Energy has operated a portfolio of more than 3600 MW of base load, combined cycle, and peaking generation for over 10 years. For the last 5 years, Conectiv Energy's dual fuel combined cycle fleet has been nominally 2000 MW. Conectiv Energy had oversight for the combined cycle engineering and construction activities. The O&M, fuel procurement, and PJM dispatch activities for the combined cycle plants have also been managed by Conectiv Energy.

This page contains no comments

Form G - Fuel Plan

16) Describe the fuel inventory and management procedures followed by the Bidder. Include in the response, a description of the planned inventory maintained for the Facility on both a volumetric basis and based on number of days or hours at full unit output; whether the inventory will be maintained on-site or off-site; and the on-site or off-site storage capacity available. For storage capacity, indicate if it is on-site or off-site storage, identify the volume of storage capacity, and the number of days or hours at full output which the storage facilities could sustain.

For natural gas, it is expected that CESI will [redacted] to support 10 days of on-peak plant operation. This storage will be connected to firm interstate pipeline transport for reliable fuel delivery. It is expected that CESI will purchase physical options for delivered gas from market area sources as a supplement to the [redacted]

For liquid fuel, there is a 250,000 bbl storage tank on site that currently serves the existing Hay Road Power Complex. (HRPC)

17) Provide a description of Bidder's fuel supply strategy and criteria that serves as the basis for evaluating and selecting fuel suppliers and transporters.

As described previously, Conectiv Energy has owned and operated a fleet of more than 3600 MW of generation, including all fuel procurement and management requirements for over 10 years.
CESI has in place all the necessary contracts with brokers, marketers, and financial entities to supply all the fuel needs for the units.
CESI's energy professionals have the expertise and the internal processes in place to manage both physically and financially such fuel activities. CESI's risk and credit staff monitor the financial health of our suppliers on an ongoing basis.

18) For energy sale bids in which bidder plans to acquire and manage the fuel supply, describe supply plan and identify all contracts that support the supply of firm gas transportation and firm supply to the proposed plant.

Please see the responses to Questions 6 through 17 of Form G

Page: 39

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:08:21 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:08:27 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form G - Fuel Plan

19) For gas-fired facilities, identify the pipeline to which the bidder plans to interconnect.

By way of a direct dedicated lateral, the plant will be connected to 3 interstate pipelines - TETCO, Transco, and Columbia Gas

20) Describe the gas interconnection facilities that will be needed including the size, length and location of the lateral interconnection and fuel delivery point (attach a USGS-based map showing the gas pipeline delivery point, the location of any lateral lines, compressors and meters.)

There is gas infrastructure currently in place to serve existing facilities. No system upgrades are anticipated at this time. See the USGS map and sketch attached to this section.

21) If known, please indicate the total assumed capital costs for all gas facilities that are estimated.

No system upgrades are expected to be required.

22) If secondary on-site fuel storage is proposed, describe the fuel type, including quality specifications, quantity, and maximum number of full-load run hours on secondary fuel.

For liquid fuel, there is a 250,000 bbl storage tank on site. Assuming 90% draw capacity, > 1000 hours of operation which exceeds the expected total hours for the year. Calculation assumes no other units are operating on oil during this period and tanks are full.

23) Indicate the gas delivery pressure required at each of the following points

plant burner tip pressure: [redacted] psig
gas interconnection point: [redacted] minimum psig
gas interconnection point: [redacted] maximum psig

24) Identify the pressure **guaranteed** by the interconnecting pipeline at the fuel delivery point

There is no guaranteed minimum pressure

25) Indicate the maximum daily and hourly gas consumption at the proposed plant and the amounts required on a firm a basis:

	Summer	Winter	Comment
Maximum Daily Consumption (mmBTU/day)	[redacted]	[redacted]	Assumes Peak Mode; 24 hrs/day
Maximum Hourly Consumption (mmBTU/hr)	[redacted]	[redacted]	Assumes Peak Mode; 24 hrs/day
Expected Daily Consumption (mmBTU/day)	[redacted]	[redacted]	Base Mode; 16 hrs/day (Peak Period)
Expected Hourly Consumption (mmBTU/hr)	[redacted]	[redacted]	Base Mode; 16 hrs/day (Peak Period)

Page: 40

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:08:47 AM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:10:01 AM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:09:04 AM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:09:29 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:24:54 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:09:22 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:25:01 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:09:50 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:25:05 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:09:34 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight

Comments from page 40 continued on next page

Date: 2/15/2007 2:25:10 PM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form G - Fuel Plan

19) For gas-fired facilities, identify the pipeline to which the bidder plans to interconnect.

By way of a direct dedicated lateral, the plant will be connected to 3 interstate pipelines - TETCO, Transco, and Columbia Gas

20) Describe the gas interconnection facilities that will be needed including the size, length and location of the lateral interconnection and fuel delivery point (attach a USGS-based map showing the gas pipeline delivery point, the location of any lateral lines, compressors and meters.)

There is gas infrastructure currently in place to serve existing facilities. No system upgrades are anticipated at this time. See the USGS map and sketch attached to this section.

21) If known, please indicate the total assumed capital costs for all gas facilities that are estimated.

No system upgrades are expected to be required.

22) If secondary on-site fuel storage is proposed, describe the fuel type, including quality specifications, quantity, and maximum number of full-load run hours on secondary fuel.

For liquid fuel, there is a 250,000 bbl storage tank on site. Assuming 90% draw capacity, > 1000 hours of operation which exceeds the expected total hours for the year. Calculation assumes no other units are operating on oil during this period and tanks are full.

23) Indicate the gas delivery pressure required at each of the following points.

plant burner tip pressure:	[redacted]**psig**
gas interconnection point:	[redacted]**minimum psig**
gas interconnection point:	[redacted]**maximum psig**

24) Identify the pressure **guaranteed** by the interconnecting pipeline at the fuel delivery point.

There is no guaranteed minimum pressure

25) Indicate the maximum daily and hourly gas consumption at the proposed plant and the amounts required on a firm a basis:

	Summer	Winter	Comment
Maximum Daily Consumption (mmBTU/day)	[redacted]	[redacted]	Assumes Peak Mode; 24 hrs/day
Maximum Hourly Consumption (mmBTU/hr)	[redacted]	[redacted]	Assumes Peak Mode; 24 hrs/day
Expected Daily Consumption (mmBTU/day)	[redacted]	[redacted]	Base Mode; 16 hrs/day (Peak Period)
Expected Hourly Consumption (mmBTU/hr)	[redacted]	[redacted]	Base Mode; 16 hrs/day (Peak Period)

Form G - Fuel Plan

26) List any gas quality restrictions and indicate if the required delivery pipelines have acceptable gas quality.

The installed Generation equipment at the existing site and to be used in this expansion project will require pipe line quality gas. Historically, since initial operation at the site since the early 1990's, pipe line quality gas has not been an issue. No restrictions or limitations will be invoked for this project.

27) Describe the fuel transportation / supply plan, including all railroad(s), truck routes, quantities and frequencies. Explain any highway or rail improvements that may be necessary to accommodate the proposed transportation plan, such as paving, bridges, new spurs, etc., as well as plans for accomplishing such improvements.

All infrastructure for the delivery of Natural Gas and Low Sulfur Light Petroleum Products are currently in place. Accordingly, no upgrades or improvements will be required.

28) Identify all rail carriers and describe the status of any transport negotiations or agreements, including any known or anticipated freight rates.

N/A

This page contains no comments

Form G - Fuel Plan

29) For wind and other renewable resource projects, please provide the following:

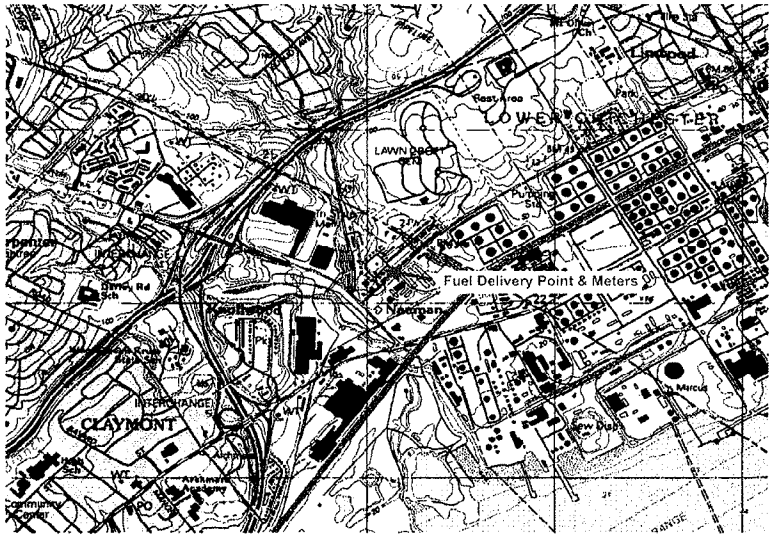
a) A summary description of the resource studies used for the specific sites;
b) A statement of the period for which data were collected and the sites from which those data were collected;
c) A summary of the qualifications of the parties who prepared the resource studies; and
d) A projected average net output in MWh in a 12 x 24 matrix (for each hour, indicate the average number of MWh expected to be generated) showing total expected monthly and annual output (and stating the expected capacity factor).

N/A

This page contains no comments

Form G - Fuel Plan

QUESTION 20 SHEET 1 OF 2



This page contains no comments

Form G - Fuel Plan

QUESTION 20 SHEET 2 OF 2

[redacted]

Page: 44

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 4:20:22 PM
[redacted] **Support for this redaction is provided in Paragraph No. 5 of Mr. Inskip's letter dated February 15, 2007**

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	h. Form H

This page contains no comments

Form H - Environmental Impact - Air Emissions

Please provide the following emission rate information for proposed generator(s), including supplemental capacity (duct-firing, steam injection, etc.), if applicable.

Emission Rates on **Primary Fuel: [Gas firing in Pre-Mix Mode - See Note 1]**

	Base Capacity (lb/MMBtu)	Full Load w/ Supplemental Capacity (lb/MMBtu)
Oxides of Sulfur	0.003	
Oxides of Nitrogen	0.01	
Carbon Dioxide	117.08	
Carbon Monoxide	0.018	
Volatile Organic Compounds	0.00168	
Particulate Matter - PM10	0.021	
Particulate Matter - PM2.5	0.021	
Lead	N/A	
Mercury	N/A	

Maximum NOx emission rate (in parts per million): 3

Maximum CO emission rate (in parts per million): 9

Maximum permitted/permittable annual capacity factor (%): See Note 2

Emission Rates on **Secondary Fuel** (if applicable): **Low Sulfur Light Petroleum Product (See Note 1)**

	Base Capacity (lb./MMBtu)	Full Load w/ Supplemental Capacity (lb/MMBtu)
Oxides of Sulfur	0.04	
Oxides of Nitrogen	0.054	
Mercury	N/A	
Carbon Dioxide	159.535	
Carbon Monoxide	0.021	
Volatile Organic Compounds	0.00175	
Particulate Matter	0.039	

Maximum NOx emission rate (in parts per million): 14

Maximum CO emission rate (in parts per million): 9

Maximum permitted/permittable annual capacity factor (%): See Note 2

This page contains no comments

Form H - Environmental Impact - Air Emissions

Indicate if Facility is capable of CO2 capture. If yes, describe the potential methods for capture and associated costs.

The proposed facility is not designed to utilize CO2 capture , although potential does exist for retrofit capability should sequestration technology mature and become commercially available.

Additional Notes:

1. Emission rates are estimates at base load and iso conditions. Final permit limits will be defined during the permitting process.
2. The facility will attain sufficient emission offset to operate at or above the forecasted total capacity factor of [redacted]% for primary and secondary fuels. The maximum capacity factor based on review of the RFP for this unit will be [redacted]% and is based on an estimated [redacted] hours in Pre-Mix mode [redacted] hours of gas diffusion, and [redacted] hours of LSLPP operation.
3. Data reported for CO_2 emissions are based upon generic emission factors and reported on a lb of CO_2 per million BTU ***heat input*** basis. Combined cycle technology utilizes waste heat to produce additional megawatts through a secondary steam cycle without the need for additional fuel combustion. Therefore, emissions associated with the use of this technology on a comparative basis, are about one third less than emissions from con-

Page: 47

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:03:12 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:11:40 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:11:25 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:11:33 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:11:29 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:11:37 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	i. Form I

This page contains no comments

Form I - Environmental Impacts/Permits - Air and Water

1) Describe all air quality permits that will be required for the project.

The proposed facility will be deemed a "major modification" to the Hay Road Facility and as such will need to comply with DNREC Reg. 25, Requirements for Preconstruction Review and Reg.1102 Permits. The facility will need to undergo a Best Available Control Technology (BACT) Review for PSD pollutants emitted in significant quantities, and a Lowest Achievable Emission Rate Review (LAER) for non attainment pollutants (e.g. NOx). The facility will also need to secure emission offsets for NOx - [redacted] Construction Permits and Operating Permit modifications to accommodate the proposed offsets will need to be secured. In addition, the new facility will need Acid Rain Permits, and a Title V Operating Permit.

2) State whether any air permits have been secured, and if not, whether applications have been filed. Report on the status of any pending applications and any feedback from permitting agencies.

No regulatory permit applications have been submitted for the proposed facility. Permit applications will be initiated immediately following the contract award.

3) Describe the expected time frame to obtain the necessary air permits after application submittal to the State including the expected dates of filing the permit applications.

The proposed technology replicates the existing technology currently in use at the site which was reviewed and permitted by DNREC in the last five (5) years. Regulatory approvals always include uncertainties, but a conservative estimate would be that air permits would be obtained in approximately [redacted] months from contract award. The unique operating experience and known characteristics will limit permit preparation time to several (3 - 5) months from contract award.

Page: 49

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:25:35 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:12:18 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:25:45 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 9:58:27 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form I - Environmental Impacts/Permits - Air and Water

4) Describe all other federal, state and local environmental permits and approvals that will be required, including but not limited to federal environmental assessments under the National Environmental Policy Act (EA/EIS), wastewater discharge permits, hazardous waste permits, etc. Report on the status of all such permit applications and any feedback from permitting agencies.

Based on the specific site characteristics, the Major Permits Include: DNREC Reg 25 Prevention of Significant Deterioration/ Non Attainment Approval, Acid Rain Permit, Delaware Coastal Zone Permit Approval - Environmental Assessment (as an existing manufacturing use), Delaware River Basin Commission Water Use Approval, DNREC NPDES Permit Approval (Modification to existing Edge Moor Power Plant for 316 A thermal impacts assessment, New Castle County Wastewater Discharge Permit Modification to Sewer system, DNREC Reg 1146 Construction Permit Approval, New Castle County Land Development Approval (Environmental Assessment), Soil Erosion and Sediment Control Plan, Storm Water Management Plan, DNREC Facilities Permit, US Dept of Energy Fuel Use Act Certification, Fed Aviation Admin Stack Height Approval.

5) Describe the water supply strategy for the project, including a description of water requirements, water supply source(s), discharge plans, new water pipeline requirements, and any work completed to date on the water supply plan. Discuss how impingement/entrainment issues will be addressed.

The water supply strategy proposed for this project, is based on Conectiv Energy's previous expansion of its adjacent HRPC. As such, the potable and plant service water will be obtained from municipal sources via existing supply pipelines to the HRPC. Condenser and cooling tower makeup water will by obtained from the existing EMPP once-through cooling water discharge canal.

The advantages of this approach are several. Obtaining potable and plant service water from municipal sources will ensure consistent water quality requiring minimal onsite treatment, and will eliminate the need for groundwater withdrawal and treatment systems. Conectiv Energy will also utilize its existing HRPC water treatment and demineralized water storage facilities. Upgrades to this proven system, if required to accommodate the proposed project, is more viable and cost effective than development (i.e., siting, permitting, and construction) of a new, stand-alone treatment and storage facility. - continued

This page contains no comments

The principal benefit of obtaining cooling tower makeup/condenser water from the "hot-side" of EMPP's existing cooling water discharge canal is to eliminate the need for a new surface water intake [along with its associated 316(a) and 316(b) issues that require very lengthy permit lead times]. This design has proven to be an efficient solution for HRPC's Units 4 and 8, eliminates any concern regarding impingement and entrainment issues, and can be accomplished via a tap into the existing HRPC Unit 4 or 8 intake pipelines from the discharge canal. The resulting blowdown will be returned via a short, new pipeline to the existing HRPC Unit 4 or 8 discharge to the EMPP cooling water discharge canal. As demonstrated in the successful prior permitting of the similar Hay Road Unit 4 and 8 designs, this commingled discharge will discharge to the Delaware River via existing EMPP Outfall 001, and result in an actual improvement to the current discharge temperature.

6) Describe any benefits to long-term air and water quality anticipated to result from the facility.

As required under Delaware's Coastal Zone Permit Regulations, affected sources must "more than offset" their actual environmental impacts for all media. This would, for example, go beyond the federal and state Clean Air Act requirements for non attainment pollutants emitted above threshold quantities. Conectiv proposes to offset its actual air emissions from the proposed facility by [redacted] order to provide equivalent NOx emission offsets for NOx and other conventional regulated pollutants emitted from the new facility.

The water supply strategy proposed for this project is been shown to result in numerous long-term benefits and minimal impacts due to its location adjacent to the existing HRPC. Briefly, these benefits include utilization of existing infra-structure, thus eliminating most of the typical impacts to sensitive ecological resources usually associated with development of rights-of-way or Greenfield site. Under the proposed approach impacts to resources such as wetlands, shorelines, inter-tidal and near-shore areas from new rights-of-way, pump houses, and intake/discharge structures are either eliminated or minimized. Delaware's Coastal Zone requirements can be met based on existing facilities and compatible zoning and land use. EPA and Coast Guard review and approvals will be minimized or eliminated since no new intake or discharge will be required. Impacts to the fish and other aquatic fauna will be eliminated, and may be improved due to the reduced discharge temperature at EMPP outfall. (No. 001)

7) Describe the control technology which will be utilized at the facility for control of air emissions. Describe any performance guarantees related to specific control equipment.

The proposed facility will use gas dry premix combustion technology in order to limit NOx emissions when firing gaseous fuel in the primary mode of operation. The use of the Siemens unique silo combustors also limits the formation of VOC and CO emissions at all loads without the need for the use of CO catalyst technology. Flue gas NOx emissions are further reduced through the use of Selective Catalytic Control Reduction (SCR) technology. In the liquid fuel firing modes, water injection is used to limit NOx emission prior to the use of SCR technology.

Page: 51

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:12:32 AM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:25:56 PM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Form I - Environmental Impacts/Permits - Air and Water

8) In anticipation of future environmental control programs, describe the expected capability to reduce air or water emissions. Options may include additional control equipment, modified operations, reduced operations, etc. Include in your description the feasibility of and anticipated degree of difficulty of each option.

The facility will utilize the Best Available Control Technology at the time of construction. The proposal, as configured, is unique and allows for daily shutdown and turn down capability. This will minimize annual plant emissions when not required to meet load demands and allow non-cycling and lower cost PJM units to operate at loads above minimum load where excess air impacts emissions and efficiencies. This feature benefits the environment and provides financial benefits.

With regard to water resources and aquatic impacts, the proposed use of existing once through cooling water has been shown to reduce aquatic impacts in previous Hay Road applications, and will allow the environmentally conscience use of water for consumptive use.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	j. **Form J**

This page contains no comments

Form J - Environmental Impact Hazardous Waste

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) On-site Treatment, Storage, Disposal Facilities

Hazardous waste associated with a facility such as the proposed power plant consists primarily of potentially flammable substances (gas pipeline condensate, small amounts of water treatment chemicals and volatile compounds). Based on the siting, design, and operational requirements of Conectiv Energy's proposed power plant, the environmental effects of power plant construction and/or operation of onsite treatment, storage, and disposal facilities will be minimal. Regarding construction, the plant will be sited on a cleared upland portion of an industrially zoned brown field site. This location lacks potentially sensitive environmental or land use resources (eg., wetlands, surface waters, endangered species, aesthetic or cultural resources). Regarding operation, the proposed plant will utilize the existing state-of-the-art waste handling, treatment, and storage facilities in the adjacent facility which operate in full compliance with applicable federal, state, and local regulations and guidelines. Based on the typical operations of the similar Hay Road units, the proposed facility should qualify under either the Small Quantity Generator or Conditionally Exempt Generator status.

2) Off-site Transportation

Any hazardous waste generated during construction or operation will be stored in designated, clearly identified storage areas prior to off-site transport to approved waste disposal facilities by licensed hazardous waste contractors.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	k. Form K

This page contains no comments

Form K - Environmental Impact Land Impacts

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) Wetlands

Conectiv Energy's proposed plant has been sited on an upland portion of an industrial site which does not support or adjoin jurisdictional wetlands. Similarly, the utilization of existing infra-structure (e.g., roads and utility rights-of-way) will avoid impacts to freshwater or tidal wetlands by linear facilities. The facility has been located on this brownfield site to specifically avoid wetland impacts. During construction potential stormwater runoff impacts to offsite wetlands will be controlled under County-approved Soil Erosion and Sediment Control Plan. During operation, such impacts will be avoided through development of an approved Stormwater Management Plan and system.

2) Terrestrial Environment (Wildlife, including Avian Protection)

The proposed power plant will be located on a cleared brownfield site that has been previously used as staging and laydown area for the adjacent power plants. The site supports no wildlife habitat or resources, is surrounded by other onsite and offsite industrial facilities, and does not provide or adjoin natural habitats suitable for wildlife or related ecologically important resources such as wading bird colonies. Construction and/or operation of the facility at this proposed site will have no impacts to the terrestrial environment.

3) Aquatic Environment (Fish and Aquatic Organisms)

The project site does not support or adjoin aquatic habitat. Stormwater runoff impacts to offsite aquatic habitat (i.e., the Delaware River) are avoided through implementation of the soil erosion and sediment control measures (construction phase) and a stormwater management system (operation). Potential operational impacts to the aquatic environment from impingement or entrainment at the surface water intake are eliminated via the utilization of the Edge Moor Power Plant's once-though cooling discharge. Moreover, this design will also result in the lowering of the exiting Edge Moor discharge temperature, resulting in an additional environmental benefit. Since the proposed design will utilize existing intake and discharge facilities in the Delaware River the need for dredging or filling in any aquatic environment is eliminated.

4) Threatened and Endangered Species Protection

The proposed project site supports no onsite natural terrestrial or aquatic habitats, is located in a highly developed and industrially zoned area, and onsite and surrounding land uses preclude the presence of threatened or endangered species. The absence of such species was further verified in a series of previous site surveys.

This page contains no comments

Form K - Environmental Impact Land Impacts

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

5) Delaware Coastal Zone

The proposed project site is located within the boundaries of Delaware's Coastal Zone. However, Conectiv Energy's existing Hay Road Power Complex has been successfully permitted as an allowable use as recent as 1999. In fact, the expansion of HRPC's Units 5-8 was successfully accomplished under the first Coastal Zone offset requirement revisions.

6) Agricultural Areas

The proposed project site adjoins the eastern portion of the City of Wilmington in New Castle County and does not support or adjoin agricultural areas.

7) Corridors needed to connect to fuel sources and the electric transmission grid

The proposed project site has been selected, in part, based on the availability of existing infra-structure. Based on Conectiv Energy's proposed site and plant design no offsite corridors for fuel lines, transmission lines, or water intake and discharge lines will be required for this project

8) State-designated Scenic Byways

No state-designated scenic byways exist in the vicinity of the project site. Hay Road and Interstate 495 are the two roads in the vicinity of the site.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	I. **Form L – Complete with Attachments**

This page contains no comments

Form L - Site Development General

1) Indicate whether bidder controls the development site through a) ownership of a leasehold interest in, or a right to develop a site for the purpose of constructing the proposed generating facility; b) an option to purchase or acquire a leasehold site for such purpose; c) an exclusivity or other business relationship between bidder and the entity having the right to sell, lease or grant bidder the right to possess or occupy a site for such purpose; or d) fee simple.

The land for the proposed project is owned by Conectiv Delmarva Generation, Inc. a fully owned subsidiary of Conectiv Energy Holdings. Conectiv has full development and ownership rights to the site.

2) If site control described in 1) above has not yet been secured, describe plan and schedule for obtaining such site control.

N/A

3) Indicate if the proposed development site has an appropriate zoning designation, or whether a rezoning is necessary. Describe any rezoning plans and issues.

Conectiv Energy's proposed project site is zoned M-3, Heavy Industrial, a zoning designation that is entirely consistent with the proposed project. No rezoning is necessary.

4) Describe all city or county land use permits that will be required such as conditional use or special use approvals.

The property is zoned Heavy Industrial and therefore special use permits are required.
To proceed with Construction, County and City permits would include:
1) New Castle County Land Development and Soil Erosion Permits
2) Building and Occupancy Permits
3) New Castle County Wastewater Discharge Permit Modification to Sewer system
4) New Castle County Council Approval
5) State Fire Marshall Plan Approval

This page contains no comments

Form L - Site Development General

5) Report on the status of land use permitting activities, including the status of any pending applications and any feedback from permitting agencies, community or neighborhood groups.

No permit applications have been developed or submitted to date. Permitting of the Hay Road expansion in 1999 was approved by local, state, and federal agencies. There are no land use changes required and the proposed use is consistent with the existing site use.

6) Describe existing and planned land uses in all directions surrounding the proposed development site.

The existing land uses surrounding the proposed project site consist of generally heavy industrial and manufacturing facilities, major transportation corridors (Amtrak rail corridor, I-495), the City of Wilmington's Wastewater Treatment Plant and associated sludge stabilization facilities, and the Cherry Island Landfill. Conectiv Energy is not aware of any planned land use changes that would change the character and land use pattern of this general area.

7) Indicate the total acreage of the proposed site: 6 acres

8) Indicate if the site is an existing brownfield or industrial location: X Yes ____ No

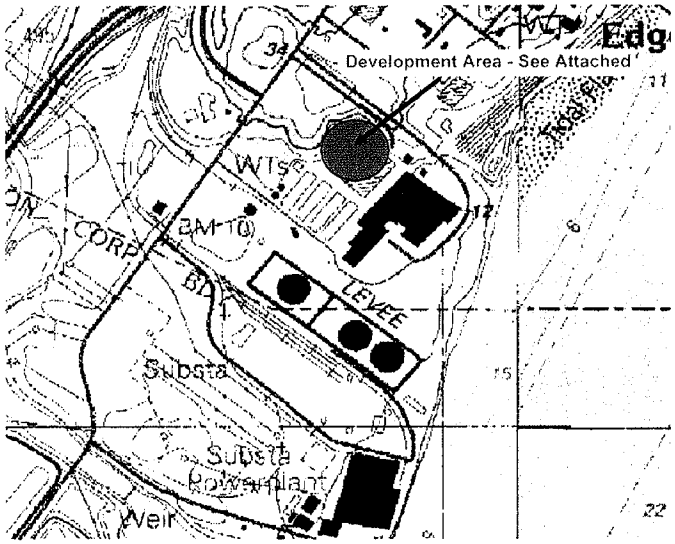
9) Attach a USGS-based map showing the location of the proposed development site and the anticipated placement of all facilities at the site including transmission and fuel related facilities.

10) Attach a complete Project Development and Construction Schedule
See attachment

This page contains no comments

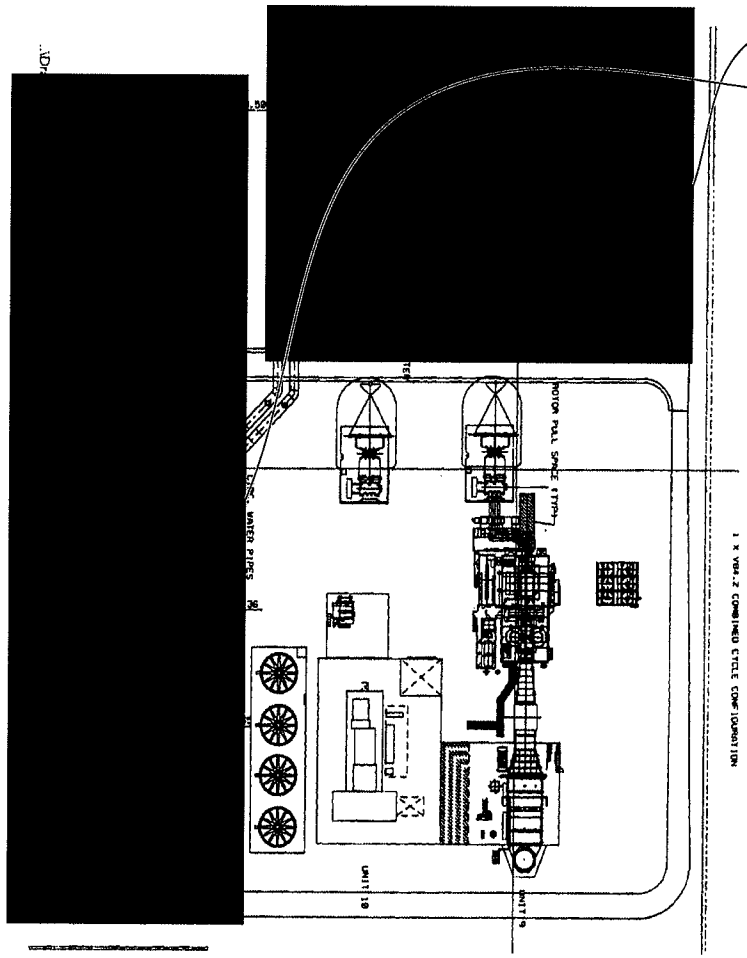
Form L - Site Development General

ATTACHMENT I: QUESTION 9 - USGS MAP OF PLANT LOCATION



This page contains no comments

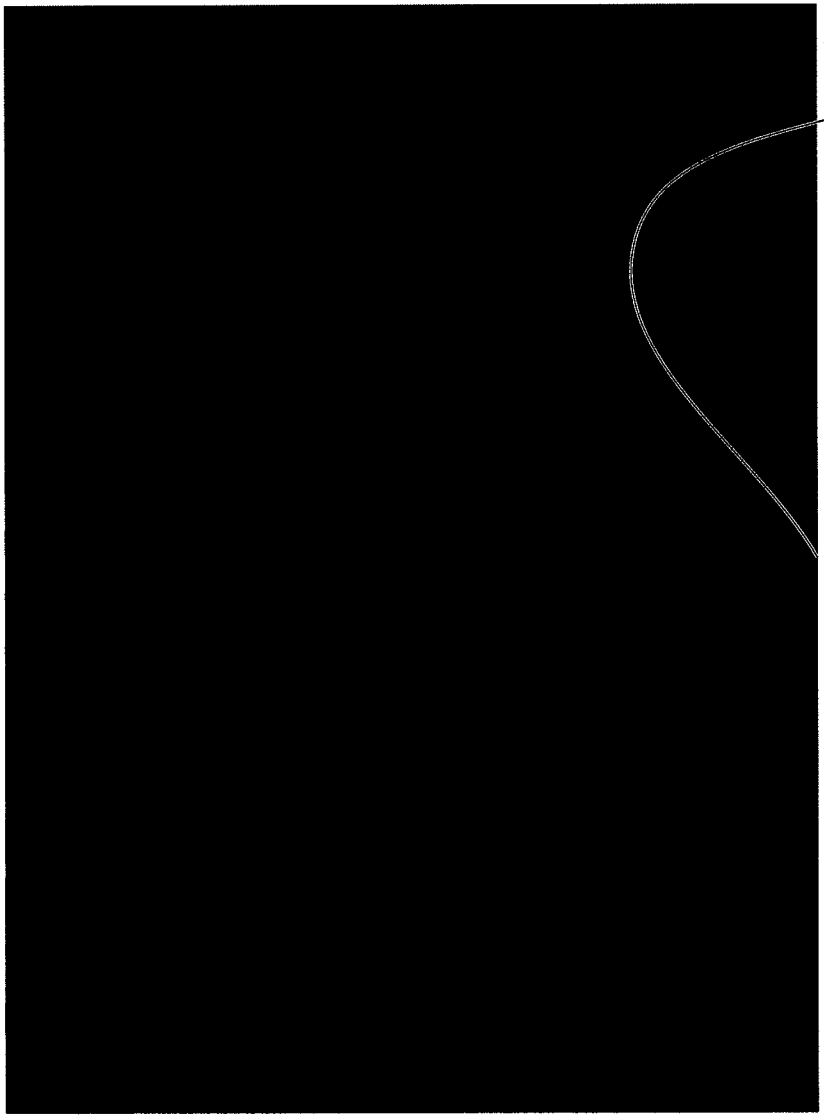
FORM L – ATTACHMENT I PAGE 2 OF 2



Page: 62

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 4:22:48 PM
[redacted] **Support for this redaction is provided in Paragraph No. 5 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 4:22:31 PM
[redacted] **Support for this redaction is provided in Paragraph No. 5 of Mr. Inskip's letter dated February 15, 2007**



FORM L - ATTACHMENT II - QUESTION 10
PAGE 1 OF 1

Page: 63

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 2:26:57 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: cferrell
Subject: Text Box
Date: 12/18/2006 3:30:06 PM
FORM L - ATTACHMENT II - QUESTION 10
PAGE 1 OF 1

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	m. Form M

This page contains no comments

Form M - Site Development Socio Economic

Describe Environmental Effects of Power Plant Construction and/or Operation on the following:

1) Visual Landscape and Visibility Impacts

The visual landscape surrounding the project site is dominated by industrial facilities including the City of Wilmington's Wastewater Treatment Plant, VFL-Headwater's sludge stabilization facility, Cherry Island Landfill, DuPont's Titanium Oxide plant, industrial warehouses, Amtrak's rail yard, and major transportation corridors, among others. As such, the visibility impacts of the new power plant, if any, should be minimal. Moreover, the proposed plant site is located immediately adjacent of the similar HRPC facilities.

2) Archaeological and Historical Sites

No archaeological or historical sites exist on or adjacent to the proposed project site. No sites of cultural resource value are located in the vicinity of the project site.

3) Landmarks and Sensitive Areas

No landmarks or sensitive areas exist on or adjacent to the proposed project site. Fox Point Park is located approximately one mile north of the site, and separated from the latter by DuPont's Titanium Oxide plant and other industrial facilities. As such, the proposed power plant should not be visible from this park.

4) Noise Impacts

The proposed power plant would be located more than 3,500 feet from the nearest residential areas located to the northwest. The plant site is separated from these residential areas by the Amtrak rail corridor, Amtrak rail yard, I-495, Governor Prince Boulevard (U.S. Route 13), and Hay Road, among others. The proposed plant site is located in, and surrounded by, industrially zoned lands, and the plant will comply with all applicable noise ordinances. No noise impacts are anticipated.

5) Transportation Impacts

The proposed plant site is strategically located east of I-495, and can be accessed via Hay Road from either of two nearby exits off of I-495. Access to the site will require no traffic through either residential areas or via roadways with unacceptable levels of service.

6) FAA Impacts

The proposed plant will have no impacts to air traffic. Although not required based on the proposed stack height, Conectiv Energy will submit the proper FAA notification package.

This page contains no comments

Form M - Site Development Socio Economic

7) Economic Development

During construction, total craft man hours will approach 400,000 with an additional 125,000 of non-craft or management hours. Secondary benefits include property and use tax revenues and increases and trickle down revenues for all area businesses.

This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	n. **Form N – Complete with Attachments**

This page contains no comments

Form N - Site Development Interconnection Arrangements

1) Please indicate if the proposed generator will interconnect with the DPL transmission or distribution system.
__X___ New Transmission Interconnection _____ Increase generating Capacity

2) Indicate the type of interconnection service that will be requested.
_____ Network Resource Interconnection Service __X___ Energy Resource Interconnection Service

3) Will the proposed generator interconnect with an existing substation / switchyard or require the construction of a new substation or switchyard?
___X___ Existing Substation or Switchyard _____ New Substation or Switchyard

4) Provide substation or switchyard number as used by the PJM ISO (PNODE ID from PJM LMP Bus Model).
8804 - Red Lion 230kV (180 MW)

5) Describe the location of the proposed point of interconnection, such as the name of an existing substation or switchyard, or the point on an existing transmission line, such as x-miles south of ABC Substation or halfway between ABC and XYZ substation. Provide the County name and the Section, Township and Range of the proposed point of interconnection. Include the interconnection voltage.
Attach a USGS-based map showing the proposed locations.
Point of interconnection of the combustion turbines shall be on the end of the transmission line providing service to Hay Road Unit 8. This line is 230kV and is injected at the Red Lion Substation via a 230/500 KV transformer, but this is anticipated to change with the reconfiguration of the Red Lion substation planned by Delmarva Power.

6) Describe the electric interconnection facilities that have been included in the bid price, including the cost, size, length and location of any transmission line and the cost, size and list of substation equipment for which the transmission customer (Bidder) will be responsible for building and owning.
Turbine generators will be connected to the existing 230kV line servicing Hay Road Units 5-8. Size of conductor should be 1590 kcmil 45/7 ACSR Lapwing to match existing. Length of the line is approximately 325 feet.
Cost is estimated at [redacted]

Page: 68

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:18:53 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form N - Site Development Interconnection Arrangements

7) Please indicate if the proposed generator will require a new transmission interconnection or an expansion of an existing interconnection with the DPL system?

An expansion of an existing interconnection with the DPL system will be required.

8) DPL will assume no network upgrades are included in the Bidder proposal unless specified. If network upgrades are included, please indicate the total assumed capital costs for all transmission interconnection facilities

$[redacted]

9) DPL will assume no network upgrades are included in the Bidder proposal unless specified. If network upgrades are included, describe the specific transmission elements to be upgraded and include a narrative description of the upgrade plan.

No network upgrades are included in the Bidder proposal.

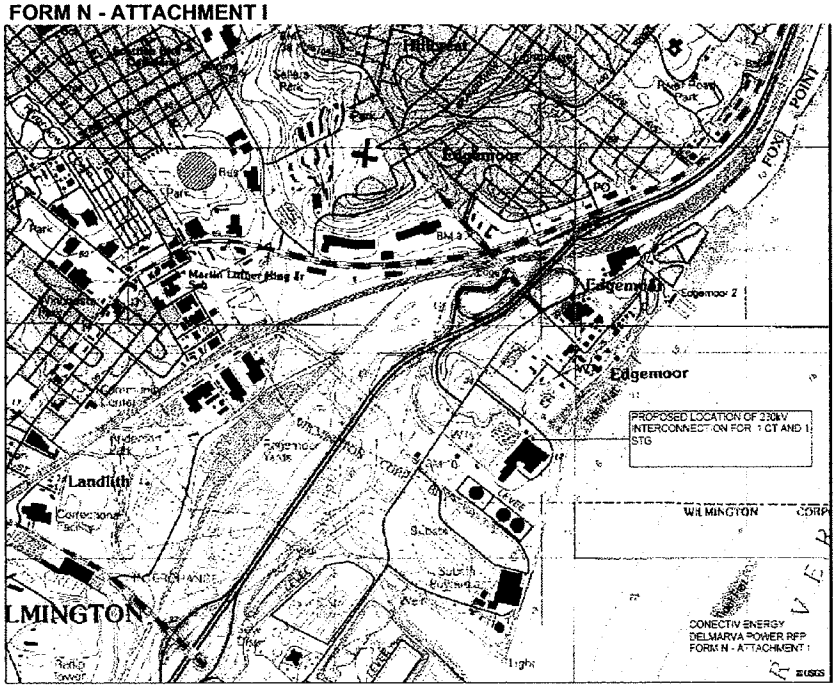
10) If available, provide a copy of bidder's preliminary transmission interconnection study.

Not Available

Page: 69

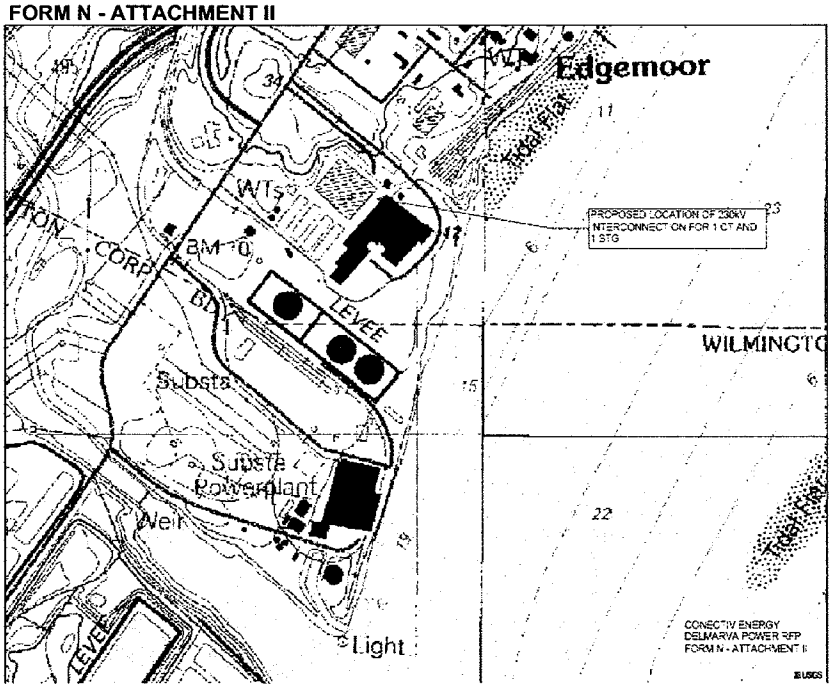
Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 2:27:56 PM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

FORM N - ATTACHMENT I



This page contains no comments

FORM N - ATTACHMENT II



This page contains no comments

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	o. **Form O – Complete with Attachments**

This page contains no comments

Form O - Financial Information

1) Bidder Legal Name: **Conectiv Energy Supply, Inc.**

2) Physical Address: **Conectiv Energy and Technology Center**
500 North Wakefield Dr., Newark, DE 19702

3) Financial/Credit Contact Person: Nate Wilson
Position Title: Vice President - Operations and Risk
Telephone: 302 451-5120
Fax: 302 451-5261
E-mail: nate.wilson@conectiv.com

4) Federal Tax Identification Number [redacted]

5) Bidder Dun & Bradstreet Identification Number **08-252-5226**

6) Bidder is (check all that apply)
a. Corporation X
b. Partnership
c. Joint Venture
d. Sole Proprietorship
e. Limited Liability Company
f. Limited Liability Partnership
g. Other (attach description)

7) Indicate if the bidder intends to use a guarantor. If yes, provide legal name of the guarantor.

Yes, CESI will use Pepco Holdings, Inc. as its parent guarantor

8) Guarantor's Dun & Bradstreet Identification Number: **10-589-5010**

9) Bidder Credit Rating Information: **CESI is not individually rated.**

	Issuer Rating	Senior Unsecured Rating	Short-Term Rating
S&P			
Moody's			
Fitch			

10) Provide rating reports from the respective agencies for prior 36 months.

CESI is not individually rate - no reports to attach.

Page: 73

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 9:57:54 AM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Form O - Financial Information

11) Guarantor Credit Rating Information

	Issuer Rating	Senior Unsecured Rating	Short-Term Rating
S&P	**BBB**	**BBB -**	**A2**
Moody's	**Baa3**	**Baa 3**	**P3**
Fitch		**BBB -**	**F2**

12) Provide rating reports from the respective agencies for prior 36 months.
Please see the attached reports from S&P. The reports from both Moody's and Fitch are protected by them from reprinting or distribution but can be seen on their respective web sites or can be viewed in our offices.

13) If bidder is relying on guarantor for credit support, please describe the corporate relationship between bidder and guarantor. Also, provide a statement regarding the proposed guarantor's willingness to provide guarantee acceptable to DPL (see attachment to PPA).

CESI is a wholly owned subsidiary of Conectiv Energy Holding which is in turn a wholly subsidiary of Pepco Holdings (PHI). See attached letter.

14) Provide audited financial statements for the last three years for bidder and guarantor (if applicable). If audited financial statements are not available, provide un-audited financial statements with CFO attestation. If financial statements are consolidated, provide stand-alone financial statements with CFO attestation for bidder and guarantor.

CESI does not have audited financial statements. PHI's audited statements can be viewed and downloaded at its web site www.pepcoholdings.com.

This page contains no comments

Form O - Financial Information

15) For all related liquidity/credit lines for the bidder and/or guarantor (if applicable), list all credit lines and, for each credit line, provide the following information:

a. Type of facility (i.e. 364-revolver, 3-year revolver or bilateral loan), size, expiration date

[redacted]

b. Issuing entity, obligor, guarantor, co-guarantor

PHI as a signor of the Agreement is the obligor.

c. How much of the facility can be drawn as cash and how much as letter of credit

[redacted]

d. What is current availability and usage under the line Provide, historical, minimum, maximum, average for the last 24 months

Please see the attached table.

e. Indicate if this is a committed or uncommitted credit line

__X__ Committed _____Uncommitted

f. Does the credit line have a MAC clause? __X__ Yes _____No

g. Does the facility have a security interests or springing security interests? If yes, describe security interest and/or springing security interests

No

i. Estimated collateral requirements in the event of credit downgrade (below investment grade). Provide minimum, maximum and average information for the last 24 months

There are no collateral requirements. Credit will always be available to PHI regardless of its credit rating, it will just be more expensive to borrow.

16) Demonstrate that consolidation under FIN 46 will not occur under your proposal. Provide supporting information sufficient to enable Delmarva to independently verify such conclusion.

Please see the attached conclusion of CESI.

17) Identify the primary financing sources for the construction phase of the project

Common Equity: [redacted]

Preferred Equity: [redacted]

Debt: [redacted]

18) For financing in the construction stage, provide funding source (new equity, equity contribution from guarantor/parent, etc.). If equity contribution from parent, provide funding source at the parent level (cash in hand, debt, new equity).

Parent funding would be provided through a mixture of current cash on hand, existing credit facilities, and routine equity issuance. Alternatively, CESI may utilize project financing which would result in the higher debt level.

Page: 75

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:19:39 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:19:44 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:19:55 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Form O - Financial Information

19) Identify the primary financing sources for the permanent financing of the project
Common Equity: [redacted]
Preferred Equity: [redacted]
Debt: [redacted]

20) For the permanent financing, provide funding source (new equity, equity contribution from guarantor/parent, etc.). If equity contribution from parent, provide funding source at the parent level (cash in hand, debt, new equity).

Parent funding would be provided through a mixture of current cash on hand, existing credit facilities, and routine equity issuance. Alternatively, CESI may utilize project financing which would result in the higher debt level.

21) Attach pro-forma construction and operations worksheets in MS Excel format with formulas intact. Provide the balance sheet, income statement, and statement of cash flows for the life of the project.

Please see the attached pro-forma.

22) Provide a discussion of how this project and its financing may affect the credit metrics and credit ratings of the Bidder and/or its Parent / Credit Guarantor.

Given the level of funding required, we expect no material impact on the credit metrics or ratings of either PHI or its affiliates.

23) Provide a statement demonstrating reasonable ability to finance the proposed facility based on past experience. Include a financial plan identifying approach to obtaining capital from the sources identified above including a letter from a financial institution stating that the project as proposed in this RFP is financeable.

No outside sources of funding are anticipated at this time. PHI and CESI have a long history of successfully funding large-scale generation projects such as Hay Road and Bethlehem.

Page: 76

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:20:04 AM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Form O - Financial Information

24) Identify and describe the source of required security at each stage of the project's life and provide plan for posting it. Include a demonstration of the ability to post the security.

The required security will be provided through a parent guarantee from PHI. Please see the response to question 15 above to demonstrate the ability of PHI.

This page contains no comments

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2004, 2005, and 2006**

This page contains no comments

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2004**

This page contains no comments

STANDARD

RATINGSDIRECT

[redacted]

Page: 80

Author: mdelcasale
Subject: Text Box
Date: 2/16/2007 9:57:24 AM
[redacted]Support for this redaction is provided in Paragraphs No. 3 & 4 of Mr. Inskip's letter dated February 15, 2007

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2005**

This page contains no comments

STANDARD & POOR'S RATINGSDIRECT

[redacted]

Page: 82

Author: mdelcasale
Subject: Text Box
Date: 2/16/2007 9:56:58 AM
[redacted]Support for this redaction is provided in Paragraphs No. 3 & 4 of Mr. Inskip's letter dated February 15, 2007

FORM O- QUESTION 12
ATTACHMENT I

Provide rating reports from the respective agencies for prior 36 months.

- **S&P Rating Agency Reports for 2006**

This page contains no comments

[redacted]

Page: 84

Author: mdelcasale
Subject: Text Box
Date: 2/16/2007 9:56:34 AM
[redacted]Support for this redaction is provided in Paragraphs No. 3 & 4 of Mr. Inskip's letter dated February 15, 2007

FORM O- QUESTION 13
ATTACHMENT II

Provide a statement regarding the proposed guarantor's willingness to provide guarantee.

This page contains no comments

Response to Question on Form O-Financial Information, Delmarva Power Generation and Power Purchase Agreement RFP, attachment 2 Bidder Response Form

Question 13. Provide a statement regarding the proposed guarantor's willingness to provide guarantee acceptable to DPL.

PHI has been identified as the proposed guarantor of the security requirements required under the proposed Power Purchase agreement between Conectiv Energy and DPL. PHI would be willing to provide required amounts of guarantees assuming the final form of the guarantee and the associated Power Purchase Agreement were acceptable to both Conectiv Energy and PHI. The guarantee will be for a certain defined amount which will vary depending on the size of the project and related Power Purchase Agreement which is ultimately negotiated.

Anthony Kamrick,
Vice President and Treasurer
Pepco Holdings, Inc.

This page contains no comments

FORM O - ATTACHMENT III

Response to Question 15d

What is the current availability and usage under the liquidity / credit line, provide historical, minimum, maximum, and average for the last 24 months.

This page contains no comments

FORM O – QUESTION 15d
ATTACHMENT III

[redacted]

Page: 88

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 2:28:56 PM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

FORM O - ATTACHMENT IV

Response to Question 16

CESI's Conclusion on FIN 46

This page contains no comments

FORM O – QUESTION 16
ATTACHMENT IV

FIN 46(R) Evaluation of Delaware RFP

[redacted]

Page: 90

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:32:44 AM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	p. Form P – Complete with Attachments

This page contains no comments

Form P - Project Management

Bidders are required to demonstrate project experience and management capability to successfully develop and operate the Facility as proposed. Company is particularly interested in a project team which has demonstrated success in Projects of a similar nature, type, size and technology and can demonstrate an ability to effectively work together and for greenfield projects to bring the Facility to COD.

1) Provide an organizational chart for the Facility that lists the participants and consultants and identifies the management structure and responsibilities.
Response: See Attachment Marked Form P / Item 1 - Facility Organization Chart

2) For each of the participants (i.e., project developer, A/E firm, EPC firm, fuel supplier, environmental staff or consulting firm, legal services, etc.) provide brief experience statements which lists the specific experience of the firm, other projects of similar nature, type, size and technology, and any evidence that the participants have worked jointly on other projects.
Response: See Attachment Marked Form P / Question 2

3) Provide a management chart that lists the key management personnel, title, lines of responsibility and reporting requirements for the Facility project team.
Response: See Attachment Marked Form P / Item 3 Corporate Reporting

4) Provide the resumes of the important project management and key support staff dedicated to the Facility.
Response: See Attachment Marked Form P / Question 4

5) Provide documentation regarding the contractual relationship between the project sponsor and all additional participants or vendors. Indicate the status of any arrangements between the Bidder and vendors.
Response: See Attachment Marked Form P / Question 5

6) Provide a listing of all similar projects the Bidder has successfully developed. Provide the following information as part of the response:
   - Name of the project
   - Location of the project
   - Project type, size and technology
   - Purchasing utility
   - Schedule and actual commercial operation date
   - Whether the unit is dispatchable or must-run
   - Capacity factor of the unit for its entire term of operation
   - Availability factor of the unit for its entire term of operation
   - Sponsor's role in the project
   - Identify any environmental violations

   Response: See Attachment Marked Form P / Question 6

7) Provide copies of report material related to safety of operations including reports on reportable injuries, instances of accidents, injuries, or fatalities, lost workday injuries, loss of operations due to safety issues, etc. at facilities currently owned or maintained by the Bidder.

   Response: See Attachment Marked Form P / Question 7

This page contains no comments

Form P - Project Management

8) Describe Bidder's commitment to safety of operations including any operating practices designed to encourage safety commitments (such as bonus programs related to safety performance).

Conectiv Energy is committed to Safety! Safe operation and working practices are part of every activity at each of the sites. All sites include the following mandated activities:

1. Monthly Safety Meetings covering as a minimum, mandatory OSHA topic, critical safety issues at the facilities, best practices, and open forums to address concerns.

2. Tail Gates / Pre-Job conferences – depending on the severity of the job could be anything from a tool box discussion or an expanded multi-craft and multi-departmental meeting to review hazards and implement best working practices.

3. Job Safety Analysis Reviews and Audits – every management employee is required to audit, at a minimum, one job in progress for all elements of safety.

4. Serious Incident Review Committee – All injuries or near misses that result in discipline are reviewed by the committee, not for punitive purposes, but for educational purposes. The findings from each review are published throughout the organization and reviewed at daily tail gates and SAC meetings.

5. Accident Investigations / Communication of events immediately following an injury at any site. Information used at daily tail gates and each department SAC meeting.

6. Milestone Celebrations – each facility has celebrations and issues safety awards for major milestones for annual anniversaries for Lost time and Recordable Injuries.

7. All Management Employees have key Safety performance matrices in the individual goals and bonus plans to reinforce the value of safe performance.

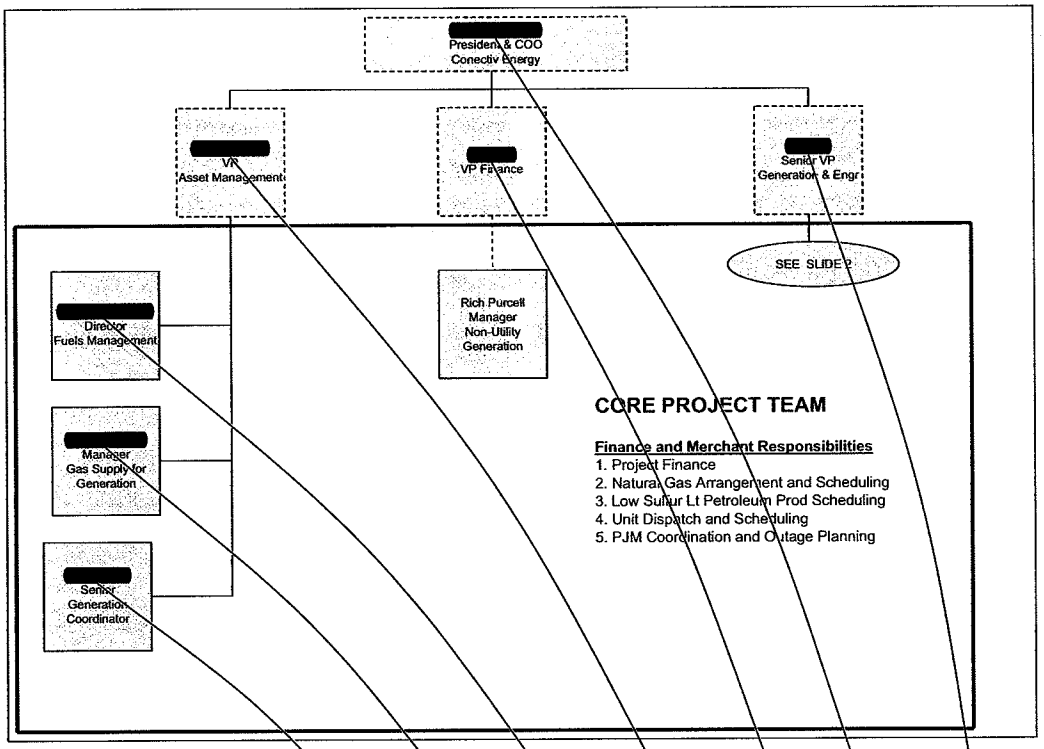
8. All exempt employees have Quarterly bonus plan of up to 0.5% of the base salary, 2% per year, for not experiencing a lost time or recordable injury.

9. OSHA compliant LOTO program at each facility.

10. Safety Statistics are published weekly and monthly in Conectiv Energy Publications for all to adopt lessons learned from each event.

This page contains no comments

FORM P / ITEM 1- FACILITY ORGANIZATION CHART- FINANCE AND MERCHANT



Page: 94

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:22 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:33:13 AM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:26 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

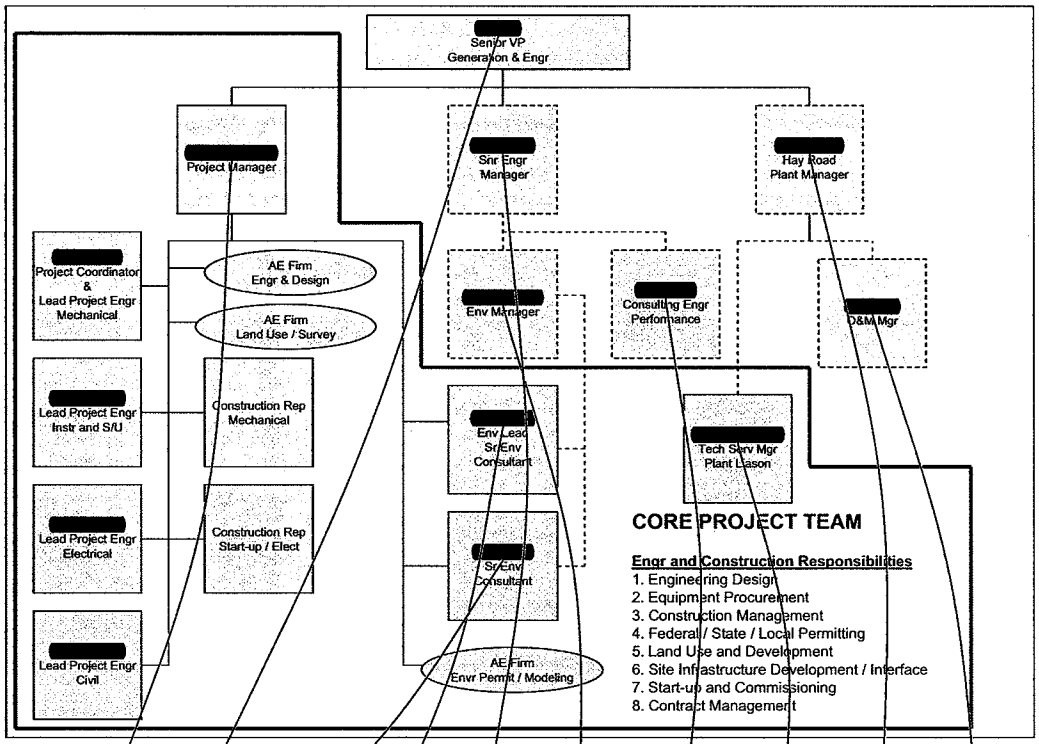
Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:30 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:32 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:36 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:52 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

FORM P / ITEM 1- FACILITY ORGANIZATION CHART- ENGR AND CONSTRUCTION SLIDE 2 OF 2



Page: 95

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:54 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:58 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:24:59 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:03 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:04 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:10 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:11 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:16 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

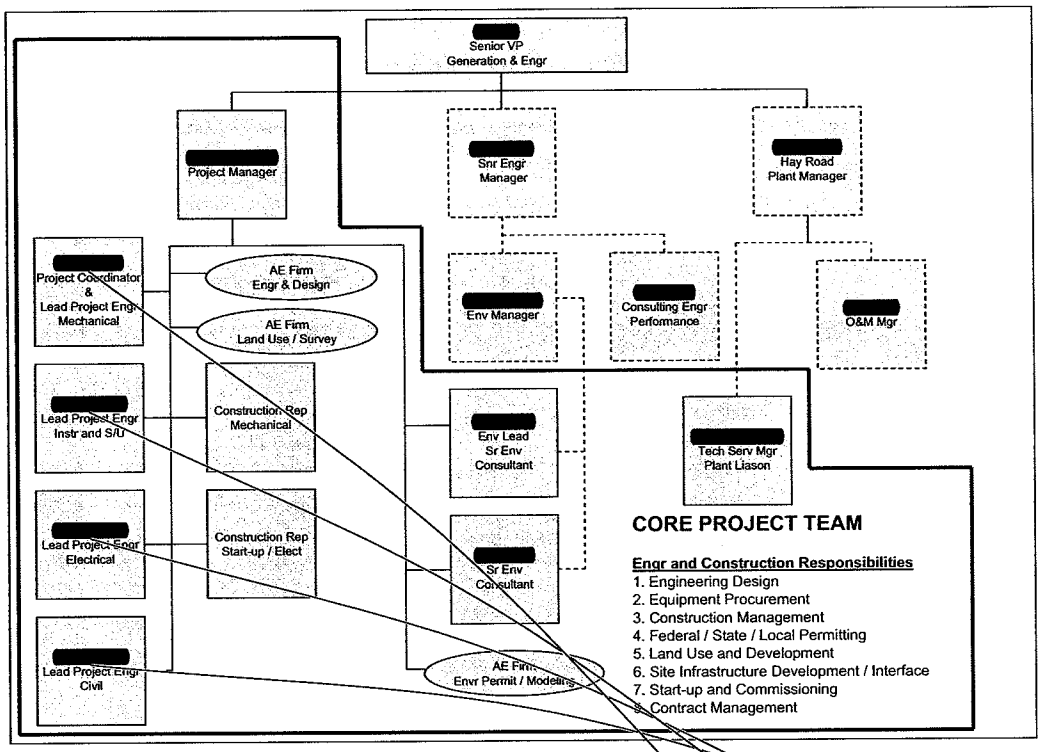
Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:33:51 AM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight

Comments from page 95 continued on next page

FORM P / ITEM 1- FACILITY ORGANIZATION CHART- ENGR AND CONSTRUCTION

SLIDE 2 OF 2



Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:02 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:25 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:27 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:30 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:25:51 PM
[redacted] **Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007**

This page contains no comments

FORM P – QUESTION NO. 2

For each of the participants (i.e., project developer, A/E firm, EPC firm, fuel supplier, environmental staff or consulting firm, legal services, etc.) provide brief experience statements which lists the specific experience of the firm, other projects of similar nature, type, size and technology, and any evidence that the participants have worked jointly on other projects.

If Conectiv Energy is the successful bidder, project development, permitting, equipment procurement, construction management, and start-up and commissioning will be executed utilizing in house personnel. Conectiv has proven, after various reviews, that self managed projects result in lower project costs, reduced long term maintenance costs, and improved plant efficiency and reliability. Furthermore, better schedule and project control is maintained.

Once the award is made, Conectiv Energy will enter into commercial relationships with an Architectural Engineering firm and an Environmental firm to perform detailed engineering. Conceptual designs and plant layouts have already been completed in house.

As detailed in Question No. 6 below, Conectiv has recent development experience and has retained a substantial number of the project technical and environmental team members that successfully permitted, installed, and commissioned 1650 MW of capacity and energy in the last five (5) years using the same technology. The contractors and firms who participated in these projects are still viable entities and will be used where cost and schedule permit.

At this time, with project and schedule uncertainties, the actual participants are not known. If successful, the names of all of the prime contractors will be shared at the time of the individual contract award.

Fuel supply to the project will be managed using the Conectiv Energy merchant desk. Conectiv Energy manages and operates a portfolio of more than 3600 MW of generation including base load units, combined cycle / mid-merit load units, and peak load units. This portfolio, which includes more than 2000 MW of dual fuel combined cycle power, has been successfully managed for more than ten (10) years.

For natural gas, the plant will be served by a dedicated gas pipeline that connects to three (3) natural gas pipe line companies; TETCO, Transco, and Columbia Gas. The three pipe lines offer supply sources ranging from Texas to the Gulf of Mexico, US Mid-continent, and the Applalachian supply areas. Conectiv Energy has multiple long standing commercial arrangements with each of these entities to serve this project and the existing 1100 MW installed at the Hay Road Power Complex.

For low sulfur light petroleum products, deliveries to the site will be by barge from either the Baltimore, Philadelphia, or New York markets, as is currently done, and will be stored on site using the existing 10,000,000 gallons of storage.

FORM P / ITEM 3: PROJECT TEAM – CORPORATE REPORTING REQUIREMENT

Page: 97

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:25 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:28 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:30 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:35 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:38 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:42 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:46 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:34:09 AM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

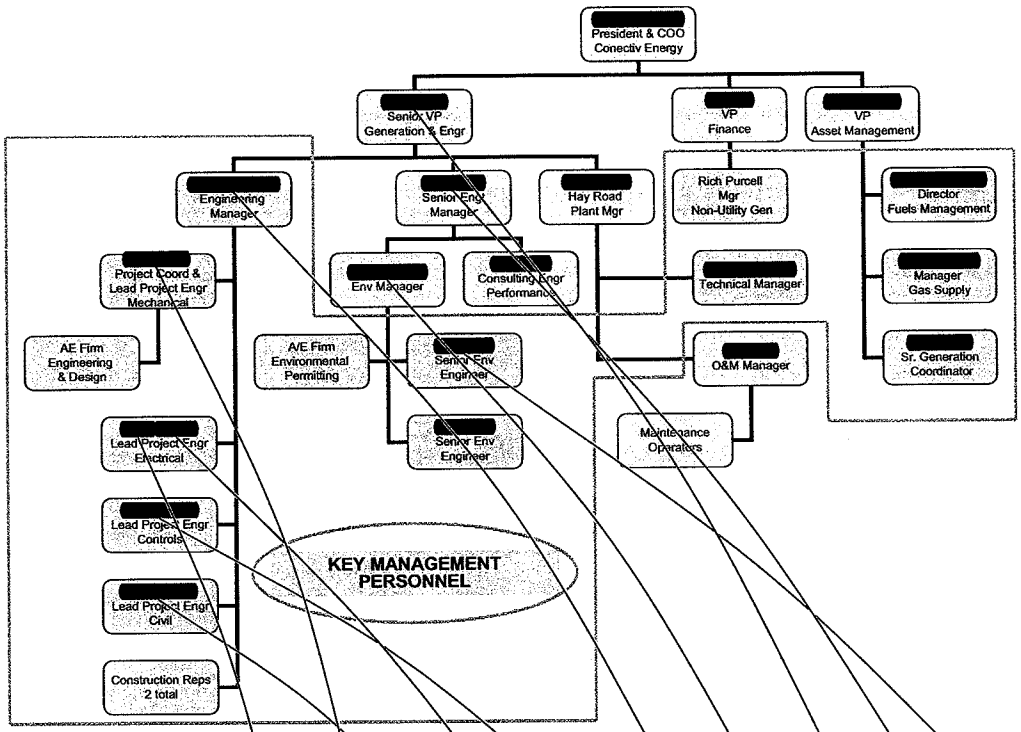
Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:54 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:26:56 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:00 PM
Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Comments from page 97 continued on next page

FORM P / ITEM 3: PROJECT TEAM – CORPORATE REPORTING REQUIREMENT



Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:02 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:06 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:08 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:10 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:14 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:15 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:20 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:24 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:26 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 4:27:31 PM
[redacted] Support for this redaction is provided in Paragraph No. 4 of Mr. Inskip's letter dated February 15, 2007

FORM P – QUESTION NO. 4

Provide the resumes of the important project management and key support staff dedicated to the Facility.

Resumes and detailed work history of key project management and key support staff will be provided, if required, during the final award process.

This page contains no comments

FORM P – QUESTION NO. 5

Provide documentation regarding the contractual relationship between the project sponsor and all additional participants or vendors. Indicate the status of any arrangements between the Bidder and vendors.

Conectiv Energy intends to develop this project, lead the permitting efforts, specify and procure the equipment, manage construction, and start-up and commission the units using in house staff. Historically Conectiv Energy has been very successful managing projects using this format going back to the late 1980's with the installation of the simple cycle Combustion Turbines at Hay Road, the conversion to Combined Cycle in 1993, the development and commercial operation of Hay Road Units 5 – 8 in 2001 & 2002, Bethlehem Units 1 - 4 in 2002 & 2003, and Bethlehem Units 5 – 8 in 2003.

Contracted efforts will include detailed engineering, permit and air modeling, equipment fabrication and manufacturing, and equipment installation. Upon successful award of this project, contracts will be awarded for the detailed engineering and permitting efforts. With the extended permit processing, equipment procurement and installation contracts will not be released until 2008. Using this strategy, Conectiv Energy is still forecasting Commercial Operation in 2011, years before the required end date.

All of the vendors, suppliers, and contractors planned to be utilized on this project have history with Conectiv Energy through the prior development projects and/or through maintenance activities at the existing generation facilities. Although currently there are limited activities, documentation can be provided upon request for prior commercial relationships. During the project development phases, Conectiv Energy will provide the information as the contract arrangements are consummated.

This page contains no comments

FORM P- QUESTION 6

Provide a listing of all similar projects the Bidder has successfully developed. Provide the following information as part of the response:

TABLE I - SUMMARY TABLE	PROJECT NO. 1	PROJECT NO. 2	PROJECT NO. 3
NAME OF THE PROJECT	HAY ROAD 5 -8	Bethlehem 1 - 4	Bethlehem 5 - 8
LOCATION OF PROJECT	Wilmington, DE	Bethlehem, PA	Bethlehem, PA
PROJECT TYPE	Combined Cycle	Combined Cycle	Combined Cycle
PROJECT SIZE	550 MW	550 MW	550 MW
PROJECT TECHNOLOGY	E - technology	E-technology	E-technology
PURCHASING UTILITY	Delmarva Power	PPL	PPL
SCHEDULE AND ACTUAL CO DATES	See Table II Below	See Table III Below	See Table IV Below
DISPATCHABLE / MUST RUN	Dispatchable	Dispatchable	Dispatchable
LIFE TIME CAPACITY FACTOR	[redacted]	[redacted]%	[redacted]%
AVAILABILITY FACTOR	[redacted]%	[redacted]%	[redacted]%
SPONSER'S ROLE IN PROJECT	Owner / Constructor	Owner / Constructor	Owner / Constructor
ENV VIOLATIONS - CONSTRUCTION	None	None	None

TABLE II: HR 5 - 8 SCHED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 5 - SIMPLE CYCLE	01-May-01	01-May-01	120
CT NO. 6 - SIMPLE CYCLE	15-Jun-01	07-Jun-01	120
CT NO. 7 - SIMPLE CYCLE	15-Jul-01	15-Jul-01	120
STG NO 8 / COMBINED CYCLE	01-May-02	01-May-02	185

TABLE III: BETH 1- 4 SCHEDULED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 1 - SIMPLE CYCLE	01-Dec-02	01-Dec-02	120
CT NO. 2 - SIMPLE CYCLE	15-Dec-02	15-Dec-02	120
CT NO. 3 - SIMPLE CYCLE	31-Dec-02	31-Dec-02	120
STG NO 4 / COMBINED CYCLE	01-Jun-03	01-Jun-03	185

TABLE IV: BETH 5 - 8 SCHEDULED VS. ACTUAL COMMERCIAL OPS DATES

	PROJECT MILESTONES	ACTUAL DECLARED DATE	NOMINAL RATING
CT NO. 5 - SIMPLE CYCLE	15-Jan-03	15-Jan-03	120
CT NO. 6 - SIMPLE CYCLE	15-Feb-03	15-Feb-03	120
CT NO. 7 - SIMPLE CYCLE	15-Mar-03	15-Mar-03	120
STG NO 8 / COMBINED CYCLE	15-Dec-03	15-Dec-03	185

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 9:55:26 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 9:55:20 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/16/2007 9:55:17 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:34:23 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:34:28 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:34:32 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

FORM P – QUESTION NO. 7

Provide copies of report material related to safety of operations including reports on reportable injuries, instances of accidents, injuries, or fatalities, lost workday injuries, loss of operations due to safety issues, etc. at facilities currently owned or maintained by the Bidder.

The Safety performance summaries for the years 1998 through November 1, 2006 for all units Owned or Operated and Maintained are included in the tables below. Table No. 1 shows the Recordable Injuries and the OSHA rates for each of the referenced years. Table No. 2 shows the types of injuries that were experienced in the last three (3) years.

TABLE NO. 1:

GENERATION / ENERGY SAFETY PERFORMANCE HISTORY 1998 - 2006

[redacted]

Page: 101

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 2:30:33 PM
[redacted]Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	q. Form Q – Complete with Attachments

This page contains no comments

Form Q - O&M Plan

Operations and maintenance (O&M) is an important element of successful Facility operations. Bidders should demonstrate that the Facility's maintenance plan, level of funding and mechanism for funding will ensure reliable operation.

1) Provide a detailed operation and maintenance plan for the Facility that contains the following information:

   a. Description of the O&M funding and funding level;
      See Attachment Marked Form Q / Question 1 / Sub-Section (a)
   b. The basis for selecting the funding mechanism.
      See Attachment Marked Form Q / Question 1 / Sub-Section (b)
   c. The O&M staffing levels expected for the Facility, including the on-site staffing levels and other resources available during a forced outage;
      See Attachment Marked Form Q / Question 1 / Sub-Section (c)
   d. The expected role of the Bidder or outside contractors in providing maintenance services;
      See Attachment Marked Form Q / Question 1 / Sub-Section (d)
   e. Plans for staffing the Facility, including the delegation of environmental compliance responsibilities;
      See Attachment Marked Form Q / Question 1 / Sub-Section (e)
   f. Detailed plans for maintenance on the major pieces of equipment, including the frequency of preventative maintenance.
      See Attachment Marked Form Q / Question 1 / Sub-Section (f)
   g. Description of any operational guarantees to be in place at the facility.
      See Attachment Marked Form Q / Question 1 / Sub-Section (g)

2) Describe the status of the Bidder in securing any maintenance agreements or contracts. Indicate the preferred provider and if available, provide copies of the agreements or contracts.

   The new generation project will be operated and maintained via a separate O&M agreement with the existing Hay Road Site Contractor, Conectiv Delmarva Generation or some other Conectiv Energy entity. No agreements are in place at this time.

3) Indicate the expected annual fixed O&M cost in $/kW/year and annual average non-fuel variable O&M operating costs in $/MWh. This data may be used to support the computer simulation exercise in the Detailed Evaluation.

   The Variable O&M (VOM), which excludes fuel & emission costs, is based on a [redacted] and is included in the Energy price. The fixed O&M in Year 1 of the contract term is [redacted] and is included in the Capacity price.

Page: 103

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:30:40 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:05 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:11 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

1. Provide a detailed operation and maintenance plan for the Facility that contains the following information:

   a. **Description of the O&M funding and funding level;**
   The anticipated O&M funding level is based on historical data base developed for fixed and variable operating and maintenance. Fixed costs will be shared across the additional MW with minimum staff impacts. Variable costs were estimated to be on a Capacity Factor of [redacted] on an "Equivalent Operating Hour" basis with a fixed multiplier for each start. The total number of start/stops for the facility is estimated to be 250 per year.

   b. **The basis for selecting the funding mechanism.**
   As indicated in Question a, the basis is the historical data base that has been developed for the Hay Road Power complex from replicated equipment.

   c. **The O&M staffing levels expected for the Facility, including the on-site staffing levels and other resources available during a forced outage;**
   The existing Hay Road facility utilizes a 24-hour/7-day rotating operating staff that is responsible for both plant maintenance and operations. This staff consists of [redacted] shifts to cover operation of the units and perform routine maintenance. [redacted] Final staffing evaluations have not been completed, but with small incremental change in operational requirements, the effects to the existing staff will be minimal.

   [redacted]

   d. **The expected role of the Bidder or outside contractors in providing maintenance services;**
   The Bidder, CESI, will be purchasing the output of the Project for resale to DPL [redacted] The Project will be owned, operated and maintained by an affiliate of the Bidder, either Conectiv Delmarva Generation, Inc. (the owner of Hay Road 1-8 also referred to as "CDG") or another Conectiv Energy Holding Company subsidiary. Either CDG or the other affiliated owner of the Project will perform routine and preventative maintenance will be performed using the existing plant staff. Annual maintenance and major maintenance will be performed by qualified contractors under competitively bid work packages. Where required, OEM Technical Field Advisors will be required to supplement the plant engineering staff.

Page: 104

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:20 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:30:47 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:36 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:43 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:30:50 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:35:55 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:30:55 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 2:30:52 PM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

e. **Plans for staffing the Facility, including the delegation of environmental compliance responsibilities;**
The current plant staff which includes a [redacted]

f. **Detailed plans for maintenance on the major pieces of equipment, including the frequency of preventative maintenance.**
Major maintenance will be performed in accordance with recommendations from original equipment manufacturers and the historical profile of the same or similar equipment currently operating at Hay Road. [redacted] Routine maintenance will be performed in accordance with recommendations from original equipment manufacturers and the historical profile of the same or similar equipment.

g. **Description of any operational guarantees to be in place at the facility.**
All new equipment will be contracted to include performance guarantees and warranties for sustained performance. These guarantees will be full enforceable utilizing commercial terms. Final details will be made available as Contracts are awarded.

Page: 105

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:36:16 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:36:19 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

THIS SECTION IS CONFIDENTIAL

TABLE OF CONTENTS

TABS	TITLE
II.	**BASE BID PROPOSAL – Application Forms**
	r. Form R – Complete with Attachments

This page contains no comments

Form R - PPA Pricing

As indicated in the RFP, bidders are required to provide pricing schedules for capacity and energy (including ancillary services) under the proposed PPA. In addition to pricing schedules, bidders should provide a narrative discussion of the proposed pricing schedule including fixed and variable pricing. If formulaic pricing options are included, DPL request bidders to provide a sample of the calculation including a description of the components.

Separate forms must be submitted for any pricing alternatives, including pricing options tied to a general inflation index, alternate in-service year options, or of the volumetric differences.

Pricing and Volume Schedules

Capacity

- Pricing schedules for capacity should reflect either (a) a levelized fixed payment in $/kWmonth over the life of the contract or (b) a combination of fixed and indexed payments (indices will be subject to the limits set forth in the RFP).
- Pricing schedule should indicate proposed contract volume.
- Volume should be tied to the net summer capacity rating of the generation project; for intermittent renewable energy projects UCAP should be used.

Energy

All pricing must be provided in terms of current year dollars, also referred to as nominal or escalated dollars. Bidders may propose prices that are either fixed for the term, escalate at a known (non-indexed) rate or subject to escalation tied to an index that is clearly and closely related to the item being escalated.

- Provide a discussion the proposed energy pricing schedule including fixed and variable pricing.
- If using indexed pricing, provide the index (e.g. Henry Hub).
- If prices are escalated, provide the escalation basis (e.g. fixed percentage, CPI, PPI, GDP Deflator).
- All indices or escalators relied on in the price proposal must be described in sufficient detail to allow for easy identification of the item. Only indices and escalators available through public sources will be acceptable for purposes of the PPA.
- If using caps or collars, levels should be clearly specified.

Ancillary Services

- Bidders should specify the ancillary services that the Facility is capable of providing and the level of availability for each product and whether compensation is included in the capacity payments or bidder is proposing separate pricing.

This page contains no comments

Form R - PPA Pricing

Renewable Energy Certificates

- Bidders of renewable projects should specify the RECs that the facility can provide based on tis expected annual output and the RECs proposed to be sold to Delmarva and the associated price.

This page contains no comments

PRIVILEGED AND CONFIDENTIAL

FORM R - PPA Pricing Schedules

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Page: 109

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:36:30 AM
[redacted]**Support for this redacted is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 2:30:59 PM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

PRIVILEGED AND CONFIDENTIAL

[redacted]

[redacted]

[redacted]

Page: 110

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:36:37 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

TABLE OF CONTENTS

TABS	TITLE
III.	BASE BID EXCEPTIONS AND CLARIFICATIONS

Page: 111

Author: rpurcell
Subject: Note
Date: 2/16/2007 1:47:47 PM

This entire section of bid exceptions and clarifications has been deleted from this redacted form.
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

THIS SECTION IS CONFIDENTIAL

TABLE OF CONTENTS

TABS	TITLE
IV.	ALTERNATE PROPOSAL
	a. Form R
	b. PPA Pricing – Asset Backed PPA

This page contains no comments

Form R - PPA Pricing

[redacted]

Page: 113

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:31 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:36:53 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:25 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:21 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:16 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:14 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:05 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:10:01 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:56 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight

Comments from page 113 continued on next page

Form R - PPA Pricing

Date: 2/15/2007 10:09:54 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:50 AM
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007

[redacted]

Page: 114

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:37:08 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:46 AM
[redacted]**Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

PRIVILEGED AND CONFIDENTIAL

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Page: 115

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:37:17 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Text Box
Date: 2/15/2007 10:09:38 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:34 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

PRIVILEGED AND CONFIDENTIAL

[redacted]

Page: 116

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 9:37:24 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:20 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:22 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

Author: mdelcasale
Subject: Highlight
Date: 2/15/2007 10:09:29 AM
[redacted] **Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007**

TABLE OF CONTENTS

TABS	TITLE
V.	ALTERNATE BID EXCEPTIONS AND CLARIFICATIONS

Page: 117

Author: rpurcell
Subject: Note
Date: 2/16/2007 1:47:25 PM
This entire section of bid exceptions and clarifications has been deleted from this redacted form.
Support for this redaction is provided in Paragraph No. 3 of Mr. Inskip's letter dated February 15, 2007