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Public Service Commission

March 1, 2011

John T. Burnett
 Progress Energy Service Company, LLC
 P.O. Box 14042
 St. Petersburg, FL 33733-4042

STAFF'S DATA REQUEST NO. 1

Re: Docket No. 110047-EQ - Petition for approval of negotiated purchase power contract with Trans World Energy LLC by Progress Energy Florida, Inc.

Dear Mr. Burnett:

By this letter, the Commission staff requests that Progress Energy Florida, Inc. (PEF or utility) provide responses to the following data requests:

1. Please indicate which State Trans World was organized in and where it is registered to do business.
2. How many employees does Trans World currently employ in Florida?
3. How many new jobs would be created in Florida during the construction and operation phase of the proposed facilities?
4. Please complete the table describing all facility projects which Trans World has developed, constructed, operated, or maintained.

Project Name	Resource Type	Size (MW)	Payment Type (Fixed or Not Fixed)	Cost of Energy (\$/kWh)	Annual Energy Production (kWh)	Average Annual Availability Factor (%)	Construction Start Date	In-Service Date	Contract Signing Date	Location

5. Please identify any delays in construction experienced by the above-referenced projects.

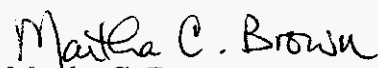
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6. Please identify and discuss any projects for the development, construction, operation or maintenance of an electric generator for which Trans World executed a contract but which were not completed.
7. Has Trans World obtained a fuel supply contract for this proposed project?
 - a. If so, with whom?
 - b. What is the duration of this contract?
 - c. Please provide a copy of the contract.
8. Will Trans World outsource any of its contract obligations, such as engineering, procurement, and construction of the proposed facilities? If yes, please identify the entity that will provide these services.
9. Has Trans World obtained any financing for the proposed project? If so, please describe.
10. Please provide the path schedule/timeline for permitting and construction of the proposed facility. In your answer, please include all critical deadlines, including but not limited to: Land Acquisition, Zoning, Permitting (such as those relating to Zoning, Construction, or Water Use), Construction, Testing, Transmission, and Delivery of Capacity. Please identify any events that have been completed.
11. Please provide a copy of the Parties' constitutional documents and corporate resolutions as described in Section 5(a)(vi) of the power purchase contract.
12. Please describe any events that may delay or accelerate key milestones that determine the commercial in-service date of the proposed facility.
13. What is the capacity factor at which the proposed facility is expected to operate during normal operation?
14. When evaluating the cost effectiveness of the proposed facility, were the payment comparisons to the avoided 40 MW generator at 94% capacity factor a mix of the lesser of as-available energy payments and avoided unit payments? If not, please provide this analysis or explain why this analysis is not valid.
15. On page 2 of the petition, PEF states that it used the 2010 Ten Year Site Plan fuel forecast to calculate the NPV for the contract. For the years 2020 through 2033, what forecasted fuel prices did PEF use to calculate the NPV? Please explain.
16. Please provide a complete copy of the fuel price forecast used to calculate the NPV for the entire term of the contract.

17. Please explain why PEF considers the fuel price forecast used to calculate the NPV of the contract to be reasonable?
18. In PEF's responses to Staff Data Request No. 2 in Docket No. 090537-EQ, PEF provided staff an Attachment A in response to question number 3. Attachment A is also provided in this Data Request. Following the model set forth in that Attachment, please provide the appropriate calculations using the 2010 TYSP fuel price forecast. Please use a variance of 15% above and below the forecasted fuel prices instead of the 20% used in the first Attachment A.
19. Under which of the two clauses (Fuel Adjustment Clause and Capacity Cost Recovery Clause) mentioned in Section 20.17(i) would PEF file its request for reimbursement for the combined payments to this contract? Please explain.

Please file the original and five copies of the requested information by Friday, March 18, 2011, with Ms. Ann Cole, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6187 if you have any questions.

Sincerely,


Martha C. Brown
Senior Attorney
Office of the General Counsel

MCB/sh

cc: Office of Commission Clerk
Division of Regulatory Analysis (Ma, Matthews)
Division of Economic Regulation (Franklin)

Attachment A

	NPV	2012	2013	2014	2015	2016	2017	2018	2019	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095		
Outlets to 2010																											
High Fuel - 20% Increase																											
NPV of Payments to BGE	\$ 211,543	10,622	18,570	16,311	17,133	16,070	14,595	14,030	13,128	12,314	11,490	10,751	10,005	9,430	8,904	8,339	7,767	7,290	6,746	6,312	5,906	5,506	5,122	4,754	4,401	4,061	
NPV of Avoided Capacity Costs	\$ 43,207	\$ -	\$ -	\$ 1,958	\$ 3,283	\$ 5,143	\$ 7,000	\$ 8,877	\$ 10,753	\$ 12,630	\$ 14,489	\$ 16,324	\$ 18,143	\$ 19,945	\$ 21,729	\$ 23,496	\$ 25,246	\$ 26,980	\$ 28,699	\$ 30,404	\$ 32,095	\$ 33,772	\$ 35,436	\$ 37,087	\$ 38,725	\$ 40,350	
NPV of Avoided Energy Costs	\$ 142,757	\$ 14,146	\$ 26,530	\$ 24,031	\$ 21,967	\$ 19,720	\$ 16,517	\$ 13,271	\$ 10,000	\$ 6,714	\$ 3,411	\$ 1,005	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NPV of Net Benefits (Cost)	\$ 94,381	1,545	6,568	7,709	6,130	4,843	4,590	4,130	3,581	3,074	2,579	2,084	1,589	1,094	600	105	105	105	105	105	105	105	105	105	105	105	105
Outlets to 2080																											
Low Fuel - 20% Decrease																											
NPV of Payments to BGE	\$ 211,543	10,622	18,570	16,311	17,133	16,070	14,595	14,030	13,128	12,314	11,490	10,751	10,005	9,430	8,904	8,339	7,767	7,290	6,746	6,312	5,906	5,506	5,122	4,754	4,401	4,061	
NPV of Avoided Capacity Costs	\$ 43,207	\$ -	\$ -	\$ 1,898	\$ 3,203	\$ 5,143	\$ 7,000	\$ 8,877	\$ 10,753	\$ 12,630	\$ 14,489	\$ 16,324	\$ 18,143	\$ 19,945	\$ 21,729	\$ 23,496	\$ 25,246	\$ 26,980	\$ 28,699	\$ 30,404	\$ 32,095	\$ 33,772	\$ 35,436	\$ 37,087	\$ 38,725	\$ 40,350	
NPV of Avoided Energy Costs	\$ 146,505	\$ 8,471	\$ 17,691	\$ 16,013	\$ 15,312	\$ 14,176	\$ 12,612	\$ 10,942	\$ 8,275	\$ 5,608	\$ 2,941	\$ 27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NPV of Net Benefits (Cost)	\$ (71)	(1,658)	(1,879)	(289)	1,462	249	(173)	(972)	(658)	(645)	(647)	(677)	(710)	(743)	(776)	(809)	(842)	(875)	(908)	(941)	(974)	(1,007)	(1,040)	(1,073)	(1,106)	(1,139)	