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April 16, 2010

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<u>VIA E-MAIL & U.S. MAIL</u>	
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Hon. Jaclyn Brilling	
Secretary	
State Board on Electric Generation Siting and the Environment	(_)
Three Empire State Plaza, 14 th Floor	2.) 2.)
Albany, New York 12223-1350	C)

Re: Case No. 99-F-1191 - Petition by Astoria Energy LLC and Astoria Energy II LLC for An Amendment to its Certificate of Environmental Compatibility and Public Need to Construct and Operate an Approximately 10000 MW Natural Gas Fired Combined Cycle Combustion Turbine Electric Generating Plant in Astoria Queens County, NY

Case 08-F-1367 - Petition of Astoria Energy LLC and Astoria Energy II LLC, for the Amendment & Transfer of their Certificate of Environmental Compatibility & Public Need

Dear Secretary Brilling:

Enclosed please find a copy of Astoria Energy II LLC's monthly report for the period ending March 31, 2010.

Please contact me if you have any questions.

Very truly yours,

COUCH WHITE, LLP

Lith

Leonard H. Singer

LHS/dp Enclosure

cc: David Macks, DPS Staff (w/encl. via U.S. mail) Active Parties in Case 99-F-1191 (w/encl. U.S. mail) J:\DATA\Client5 12200-12455\12307\corres\Brilling 12-22-09.doc

CASES 99-F-1191 & 08-F-1367 ASTORIA ENERGY, LLC COMPLIANCE FILING ACTIVE PARTY LIST

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Astoria Energy II Power Project

Report No. 9

For period ending March 31, 2010

Prepared for

New York Department of Public Safety

by

SUEZ Energy Astoria II LLC

as

Owner's Representative, Project Construction Oversight Management

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1. EXECUTIVE SUMMARY

This report is the eighth (post-financial closing) Project Report for the Astoria Energy II (AE II) power generation project and is a summary of activities through March 31, 2010 (except as specifically noted otherwise).

The AE II project entails the construction of a new approximate 550 MW combined cycle power generation facility to be located adjacent to Astoria Energy I (AE I) in New York City (Queens) with COD scheduled for May 31 2011.

A Master Power Purchase & Sale Agreement (PPA) with New York Power Authority (NYPA) was signed in July 2008, and subsequently amended in September 2008. The Agreement is for a Full Products Toll transaction, resulting in firm (fixed) revenues for the first 20 years of the project.

To date, the project has secured commitments for firm-price (or reasonably firm) contracts for major equipment, material, and construction. The total project cost including development costs considered firm to date is approximately 62% of the total cost (as compared to 61% in February).

As of March 31, 2010 the Expected Cost at Completion is projected to be approximately 3% under budget.

Engineering and Procurement activities are progressing within Budget. Engineering is approximately 96% complete and procurement activities are approximately 98% complete on a value basis.

Construction is approximately 41.4% complete (Vs 32.6 % in February) and is approximately 1.5 months behind the original plan. The project team is working under a project Acceleration Plan for civil construction activities to assure the project completion date. The Acceleration Plan progress for critical path civil construction activities in March proceeded per forecast. However, several key schedule activities were delayed (Steam Turbine, piping, 345 kV interconnect) inducing additional "stacking" of activities later in the schedule. The increase in project cost to maintain the scheduled completion date is included in the project cost forecast.

The project Commercial Operation Date remains May 31, 2011.

	Total Project		Mar-10		
EPC Progress	Planned	Actual	Planned	Actual	
Engineering	99.0%	98.0%	1.6%	1.6%	
Procurement	96%	96%	1.0%	1.0%	
Construction	48.2%	41.4%	7.4%	8.8%	
Total Project	48.5%	44.4%	6.4%	8.5%	

The project expenditures to date are well below planned expenditures primarily as a result of delayed construction progress. The EPC Estimate at Completion remains unchanged in March and remains well within the EPC cost contingency).

A team of Owner Project Managers and Engineers provide oversight of the EPC activities under a Project Construction Oversight Agreement. The oversight process is functioning reasonably well providing independent monitoring and control of Contractor activities on behalf of the Owner(s). With On-site construction progressing reasonably in line with the Acceleration Plan, the oversight activities in March focused on the Contractor's off-site construction activities for the HRSGs, modular utility racks, and air cooled condenser. The oversight activities were intensively focused the Contractor's administration of HRSG export and import process.

The project has secured all key Federal and State permits. The process for securing the local construction permits is an intensive management effort. To date, fifty-four (54) of an estimated ninety-two (92) total permits required for the project have been received or in the process of execution. Of the thirty-eight (38) additional permits outstanding, there are no indications of any major issues or problems with their processing.

The project is continuing with the transmission interconnection process and has agreed with the New York Power Authority to interconnect to the transmission capacity (NYPA Q35 L&M feeders) currently utilized by the 850 MW Poletti Power Generation facility. NYPA retired the Poletti facility on January 31, 2010 facilitating the interconnection of the Astoria II facility to the NYPA Q35 L&M feeders via a new 345 kV substation (to be constructed by AE II). Astoria II will be responsible for any transmission system upgrade costs. However, given that the maximum output of Astoria II is substantially less than that of Poletti (620 MW Vs 850 MW), major system upgrades are not anticipated. With the expectation that major system upgrades are not required and the recognition of the 850 MW Poletti retirement, the Astoria II engineers and the Transmission System Owner(s) (ConEd and NYPA) are cooperatively moving forward with final engineering and interconnect construction outage planning.

Astoria II secured all necessary project insurance. The Owner provides Worker's Compensation and General Liability insurance for the contractors under a consolidated Owner Contracted Insurance Plan in order to control a competitive implementation process and realize a dollar-volume policy discount. The Owner has also secured the Builder's Risk, Global Marine, Pollution Liability, and Terrorism insurance policies. There are no claims against the Owner's insurance policies to date.

2 Detail Report

2.1 Engineering Progress

The SLCI engineering effort is progressing ahead of construction. On a composite basis engineering is approximately 98% complete as compared to plan progress of 99%. The overall progress for engineering for the month of March was 1.6% Vs a plan value of 1.6%.

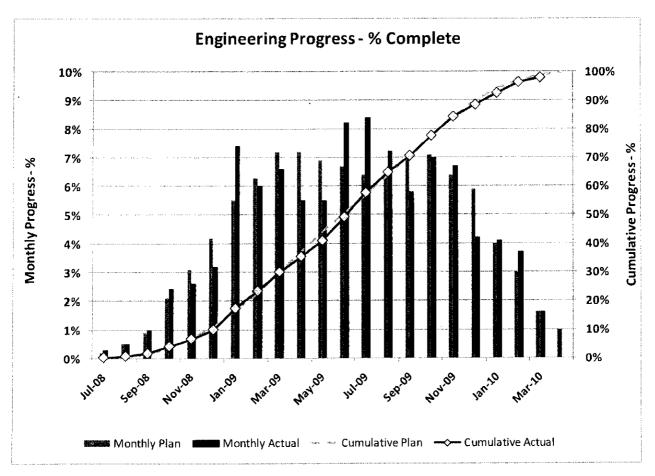


Figure 1 – Engineering Progress (in aggregate)

The EPCM Contractor reports the engineering effort is progressing on schedule in aggregate. The electrical engineering discipline is at 95% complete Vs planned progress of 99%. The piping engineering design is progressing according to schedule with approximately 99% complete consistent with plan completion value.

A detail break-down of engineering progress segregated by discipline is presented in Appendix 1.

The project is currently utilizing approximately 23 equivalent full-time engineers as compared to a plan staffing level of 13. The forecast of total equivalent man-hours to

complete the project is now forecast to slightly exceed the engineering Plan (868 manmonth forecast Vs 822 Plan).

2.2 Equipment & Materials Procurement

AE II secured the critical long-lead major equipment items in July, 2008 with the purchase of the Combustion Turbine Generators (CTGs), Steam Turbine Generator, and Heat Recovery Steam Generator (HRSG). The Procurement process is progressing on schedule with the issuance of 135 of an expected 137 Purchase Orders (98%) and completing 96% of all procurement on a dollar value basis. A complete Procurement Status Report with the scheduled specification due dates, bid dates, and target award dates is provided in Appendix 2.

Combustion and Steam Turbines

General Electric (GE) was awarded the Contract for two (2) 7FA Combustion Turbine Generators and one (1) D11 Steam Turbine Generator. The contract requires equipment deliveries in three separate groups beginning in August 2009 and completing in March 2010. GE provides Performance Guarantees for generation capacity and efficiency. The Contract provides the Owner Liquidated Damages for: i) failure to meet the Performance Guarantees and, ii) late equipment delivery. The Contract also provides GE a bonus for certain early equipment delivery. GE has met all Contract Delivery requirements to date and qualified for an early delivery bonus.

Weekly conference calls with GE continue to help address any issues or concerns raised by the project team.

The GE Contract was consummated on July 11, 2008 for a lump sum amount. As of March 9, 2010, fourteen (14) Change Orders have been implemented. GE has received payments for approximately 100% of the Contract value.

Heat Recovery Steam Generators

Alstom Power, Inc. ("Alstom") was awarded the Contract for two (2) Heat Recovery Steam Generators. The contract requires equipment deliveries in six separate groups beginning in October 2009 and completing in February 2010. The Contract provides the Owner Liquidated Damages for failure to meet the Performance Guarantees and for late equipment delivery. Alstom delivered the HRSG equipment well ahead of the contractual delivery dates.

HRSG engineering is complete. Material and component purchase orders are complete.

The HRSG began delivery to Tampico, Mexico in mid August. All key components have been delivered. The entire HRSG is being assembled into a single "package" by Santos Industries. The assembly has been sufficiently finished for completion of HRSG hydrotesting in Tampico. Each HRSG, weighing about 2,500 tons will be shipped to Astoria via oceanic barges, then off loaded, and transported to the final location via wheeled transporters.

The Contract was consummated on July 15, 2008 for a lump sum amount which includes an allowance for transportation. As of March 30, 2010, eight Change Orders have been implemented.

As of March 31, 2010 Alstom received payments for approximately 100% of the Contract value.

Generator Step-up Transformers

Fortune Electric Co. Ltd (Fortune) has been awarded the Contract for three (3) Generator Step-up Transformers. The equipment was delivered in March. The Contract provides performance test guarantees and Liquidated Damages for late equipment delivery. Fortune is on schedule with customer drawings and presently, there are no delays or concerns regarding equipment delivery.

The Contract was consummated on December 10, 2008 for a lump sum amount. To date, three Change Orders have been issued. As of March 31, 2010 Fortune received payments for approximately 32% of the Contract value.

Air Cooled Condenser

The Air Cooled Condenser (ACC) Contract was awarded February 11, 2009. The Contract for the ACC is a lump-sum EPC contract that includes the design, supply, installation, and testing of the ACC inclusive of all overhead, supervision, technical expertise, labor, materials, tools, equipment and associated items required to perform the work. The ACC is currently being fabricated in up-state New York. The Contract provides the Owner liquidated damages in the event of late completion. The work is scheduled for completion in mid February 2011.

The Contact value consists of equipment supply and installation. As of March 9, 2010, six Change Orders had been issued. GEA has received payments for approximately 57% of the Contract value.

Other Equipment

As of March 31, 2010, the project issued purchase orders for all major mechanical and electrical equipment for the project.

2.3 Construction

2.3.1 Safety

The EPCM Contractor retains primary responsibility for construction safety and utilizes a project-specific Safety Manual with Site Safety Procedures. The Project also utilizes a full-time Safety Coordinator provided by the EPCM Contractor and each major Trade Contractor employs a Safety Coordinator for their respective work. The Owner's Representative will be conducting independent observations as part of the Project Construction Oversight Management.

The Owner's Representative participated in two Safety Meetings for the month of March. Contractor's reports for the week of 3/15/10 was reviewed by The Owner's Representative.

Project has employed 61,896 man-hours for the month. The total man-hours are 181,245 for the year and 460,716 man-hours to date. The project has suffered 5 OSHA Recordables and 2 Loss Time Incidents to date.

Anticipated High Risk Activities for March

Traffic flow, moving equipment / worker interface continue to be one of the top five risks associated with the project over the past and upcoming month. Fall hazards, both from personal and material falling continue to be significant risks in addition to the increased crane activity. The installation and removal of concrete forming and pouring continue as risks in both the overhead hazards as well as physical material handling but are decreasing with more of the foundational concrete pours being completed

Site- There was one 1 recordable accident case for March. This accident was also a Lost Time Incident which occurred on 19 March 2010. The lost time case was attributed to Bay Crane when one of Bay Crane's subcontractor's (Francis Lee) employees William F. sustained a fracture to his foot. The employee was moving a "bundle" of steel. As he lowered the bundle of steel the steel members rolled open on to the workers foot causing a fracture in one of the bones of the foot. As a result of the incident, SNC contacted and meet with Bay's VP of Operations (Greg Berry) the afternoon of the incident (Friday, March 19th) and scheduled a meeting for the following Monday, March 22nd, with Bay's Site Manager (Donnie McKenzie). On the morning of the 23rd. a crew wide meeting with the supervision and workers of Bay Crane was held to discuss the incident and particularly issues of pinch-points, proper rigging (including methods to sling the material so that this incident was not repeated), documentation, etc. The Job Site Analysis, which is normally conducted before each new task is started, focused on their current work activity for the day with additional emphasis on the items noted above. In addition to the actions with Bay Crane discussion of the incident and pinch point and line of fire topics were discussed at the daily all contractor coordination meeting as well as the all trade contractor weekly safety meeting. On Friday of that same week, the incident and preventative measures were discussed with all of the job site stewards at the twice monthly SNC Labor-Management Committee

meeting. The injured employee is still non weight bearing but the prognosis, at this point, appears he will recover. The contractor and its sub-tiered contractor are willing to entertain modified or light duty work for the individual once he is cleared by the tending physician for such work.

The Emergency Action Plan for the project has been developed and distributed and discussed with all the onsite Trade Contractors. It is the intent of SNC to conduct a drill in mid April and is currently awaiting client approval as there are numerous notifications and approvals needed from various local regulatory entities. There were no environmental violations for the month.

ACC Preassembly (Coeymans, NY) -The Coeymans facility has worked 41,063 direct hours with no recordables, first aid cases, or LTIs to date.

HRSG Preassembly (Tampico, Mexico)-The Tampico site has worked 298,825 direct hours with 220,052 hours worked since the last LTI. The project experienced 0 first aid case for the month, no recordables, and no Lost Time Incidents (LTIs). To date there are 5 first aid cases, 2 recordables and 2 Lost Time Incidents.

2.3.1.1 Audits and Reviews

All of the onsite contractors and Corporate Safety representatives reviewed their particular work operations in March .Representatives reviewed their particular work operations in March with an eye toward cold weather safety. No additional significant health and safety concerns were noted.

The Owner's Representative reviewed a week of safety packages from the contractors. The packages contain reports to document daily JSAs/JHAs for each job, Weekly Tool Box Talks and Vehicle/Tool inspections. Some discrepancies were noted and sent to SNC Site Safety Coordinator for correction.

There were a total of 8 NYFD reviews that occurred during March; seven of which directly impacted construction safety while one was to verify a pressure test.

Three of the reviews were from the Construction Demolition and Abatement Division (CDA), three were from the Permits Department, and one was from the Suppression group. **No violation notices were issued.**

Three DOB visits occurred during the month. One visit was construction safety related while the other two were to witness pressure testing. **No violation notices were issued.**

One project visit from the Insurance Carrier, Liberty Mutual, was conducted during the month. Minor recommendations were suggested and were met. We additionally received information from Liberty regarding training of supervisors who would be preparing and conducting JHA's with their crews.

2.3.1.2 Safety Training

SNC site management held a training session with the electrical contractor, EJ Electric, on the site electrical Lock-out – Tag-out program to re-emphasize the procedure. SNC is continuing to provide new hire orientations for all personnel coming on Site. Individual workers receive both the SNC General Orientation as well as the Contractor specific orientations.

Training on the 3 week look-ahead risk assessment process will continue for the new contractors. The look-ahead program will continue to be an ongoing activity with continuing monitoring of the process.

2.3.1.3 Safety Meetings

The following items were covered in the weekly Safety Meetings during the month of March.

- 1) Fall Protection
 - a. Greater Than 6"
 - b. Zero Tolerance
 - c. Tie off anchor points verified
- 2) Crane and Rigging
 - a. Inspections and Documentation needed
 - b. Pinch Points
 - c. Entrapment
- 3) Incident Reporting
 - a. Report to SNC Safety
 - i. Needs to be immediate
 - b. Report to Suez Site Safety(Trotter/Rodak)
 - i. Before End of Shift
- 4) Gas Bottle Storage
 - a. Needs name and contact info of owner
 - b. Fire extinguisher
 - c. Permits
- 5) PPE Reminder
 - a. Safety Glasses
 - b. Hard Hats worn correctly
- 6) Site Congestion
 - a. Crane Operators to have horns
 - i. Used when moving load
 - b. Flaggers
 - i. Need to be diligent
 - ii. Obey at all times

- 7) Vehicles
 - a. Use perimeter road unless carry heavy equipment or tools to worksite No parking inside perimeter road of Power Block

2.3.1.4 Safety Statistics

Appendix 3 contains a full disclosure of all safety related statistics.

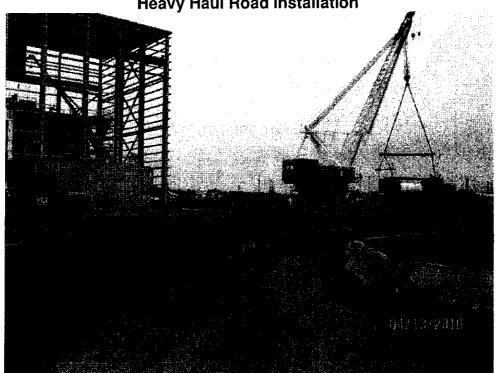
2.3.2 Trade (sub) Contracts

Several construction-related contracts are in progress or planned for the project including:

Civil Construction Contract(s) - Includes the Temporary Facilities and Site Preparation Contract currently in progress and the Concrete and Civil Structural Construction Trade Contract which collectively covers all temporary facilities, underground piping and electrical, civil works, and structural foundations.

The civil construction is being conducted by Joseph Jingoli & Sons, Inc ("Jingoli") of Lawrenceville, New Jersey. The EPCM Contractor has closed the Temporary Facilities and Site Preparation Contract.

The Civil Construction Contractor completed equipment and building foundations and underground piping and electrical construction in March and began the installation of the Heavy Haul Road to enable the installation of the HRSGs and pipe-racks.



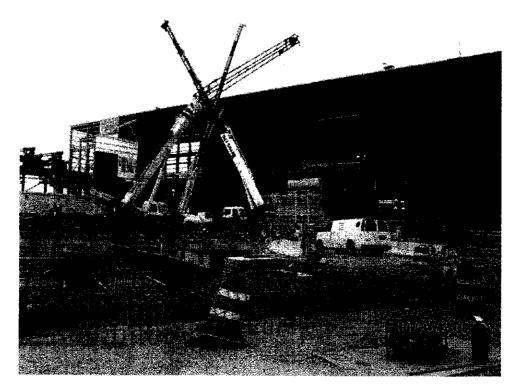
Heavy Haul Road Installation

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The Civil/Structural Trade Contract includes Acceleration Costs and Contingency respectively. Foundation construction appears to be progressing according to the Project Acceleration Plan. Nine Change Orders have been issued. To date, Jingoli has been paid 66% of the Contract value.

Architectural Building(s) Construction – Includes the Turbine building, HRSG wind walls, gas compressor building, and warehouse. The turbine enclosure building has been awarded to ATCO. Turbine building structural steel is currently being erected. The contracts to construct the HRSG wind walls, compressor building, and warehouse have not been awarded to date.

To date, thirteen Change Orders have been implemented and Atco has received payments for approximately 59% of the contract value.



Turbine Enclosure View from West

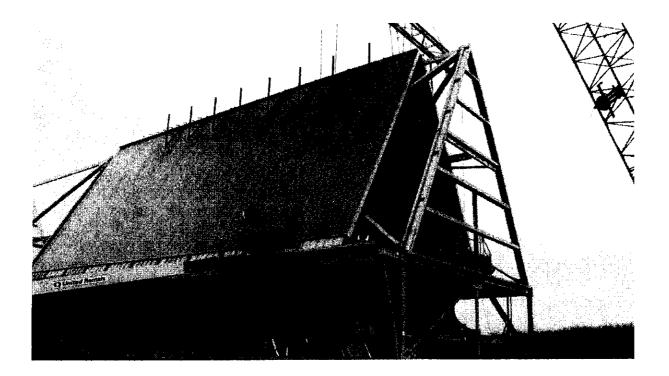
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Air Cooled Condenser – The Air cooled condenser construction is a separate contract more fully described in Section 2.2 that includes the complete engineering, supply and installation of the equipment. The Air cooled condenser is scheduled for delivery in July 2010. The Air cooled condenser erection is currently scheduled for completion in February 2011.

Projected Shipment Schedule: Air cooled Condenser Modules (12) Modules to be transported in three shipments by barge To Astoria II

	<u>Depart</u>	<u>Unload @</u>		
	<u>Coeymans</u>	<u>Astoria Site</u>		
1st Shipment	24-Jun	9-Jul		
2nd Shipment	29-Jul	11-Aug		
3rd Shipment	31-Aug	22-Sep		

ACC Module at Coeymans, NY Fabrication Yard



HRSG Maquila and Management Services Agreement – is an Agreement between AE II and AEnergy II Mexico, S. De R.L. De C.V. ("AE Mexico"), a company organized to operate as an IMMEX company in Mexico for the purpose of importing the AE II's HRSG components and contracting with DV SANTOS CMI S.A. DE C.V. ("Santos Mexico") for HRSG assembly services. AE II has delegated the administration and management of AE Mexico to the EPCM Contractor in conjunction with the responsibility for managing the HRSG assembly in Tampico, Mexico, and in accordance with the terms and limitations of the HRSG Maquila and Management Services Agreement.

The EPCM Contractor continues the administration and management of AE Mexico in support of the requirements of operating as an IMMEX company in Mexico, and the various filings and approvals in process including the following:

- 1. Agreement with the assembly site landlord and AE Mexico to enable use of unloading terminal,
- 2. Authorization of the use of the unloading terminal by the Tampico Port Authority (API),
- 3. Monthly filings for labor statistics with INEGI (governmental agency)
- 4. VAT recovery filings,
- 5. ISPS certification (local) for exportation of HRSG
- 6. Authorization for export and import of the HRSG with Mexican and US Customs respectively

The critical administrative activities currently in process is the implementation of the ISPS (security) Certification enabling the export of the HRSGs and the processing Customs' approvals. Appendix 4 includes a graphical process description of the administrative activities necessary to achieve the security certification and HRSG delivery to Astoria.

HRSG Assembly – On July 28, 2009, AE II implemented a Purchase Order with SANTOS CMI Construction, Inc. ("Santos USA") for preliminary civil engineering and project planning for a pending Contract to provide AE II with HRSG assembly services. AE Mexico implemented a Contract for assembly services on August 17, 2009 with DV Santos CMI S.A. de C.V ("Santos Mexico") The HRSGs are being assembled in Tampico, Mexico. Santos Mexico has received HRSG components well ahead of contract delivery dates and as of March 31, 2010 Santos Mexico reported HRSG assembly progress of approximately 78.8% complete as compared to a plan value of 74.8% – slightly ahead of schedule. The HRSG Assembly work is currently scheduled for completion in May 15 2010 for HRSG 301, May 29 for HRSG 401.

At this time both HRSG have completed their ASME pressure testing, and the ASME Code stamp is ready to be applied.

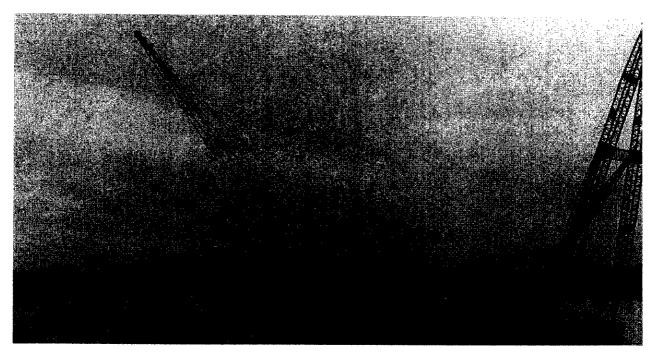
HRSG Assembly Progress



In parallel to the HRSG erection activities in Tampico, work is progressing on securing the required security certifications and port approvals to enable export of the HRSG. Site security improvements (fencing, lights, and security cameras), which were to be added as a result of the inspection by FIDENA, have been completed. The final security report has been submitted to the Central Authorities, and the Project is presently awaiting comments. The application for authorization to export directly from the assembly site has been filed with Mexican Customs.

To enable barge transportation of the HRSGs to Astoria, the waterfront area at the assembly site requires dredging. The dredging is the responsibility of Santos. According to the initial bathymetric studies taken during the summer of 2009, the amount of dredging required is estimated at 40,000 cubic meters to accommodate the requirements of the Transporter. According to the dredging works proposed by the dredging subcontractors, the time to complete the dredging works is approximately 2 months. Dredge spoils will be deposited in the HRSG assembly site. All permits and authorizations have been filed by and obtained by Santos Mexico. Final bathymetry surveys were conducted in December, and dredging works started February 2, 2010 with scheduled completion for the end of April 2010. As of March 31, the dredging rate was at 1,000 cubic meters per day, and approximately less than 19,000 cubic meters remained to be removed .The transport barge will be arriving on site in time for a loading of the first HRSG by May 22, 2010. The Harbormaster in Tampico will require a

certified bathymetric survey 7 to 10 days prior to the barges arriving at the assembly site.



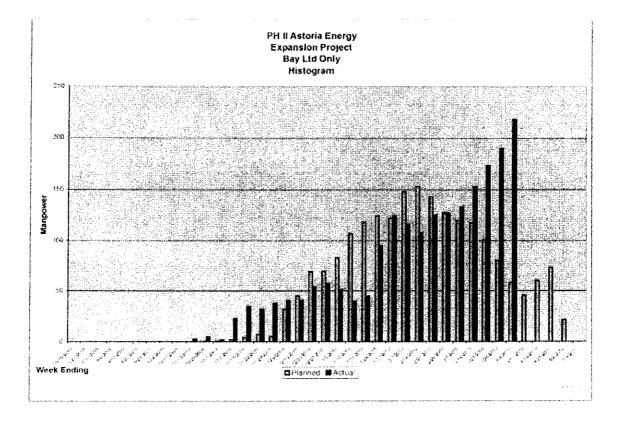
Dredging Work Tampico for HRSG Shipping

HRSG Transportation Contract - The HRSG Transportation Contract was executed on January 29, 2010 with Mammouet USA. This Contract specifies the requirements for the loading, transportation, and unloading works. The HRSG Transport Contract has a value of \$4.9 MUSD and no Change Orders or payments have been implemented to date. The Contract is subject to AE II Lender(s) approval. The Transport contractor has been notified of the date to begin loading the HRSGs of May 22, 2010.

Modular Utility Rack Contract – The Project secured a contract for off-site construction of six modular utility (pipe) racks with Berry Contracting LP, DBA Bay Ltd on August 17, 2009.

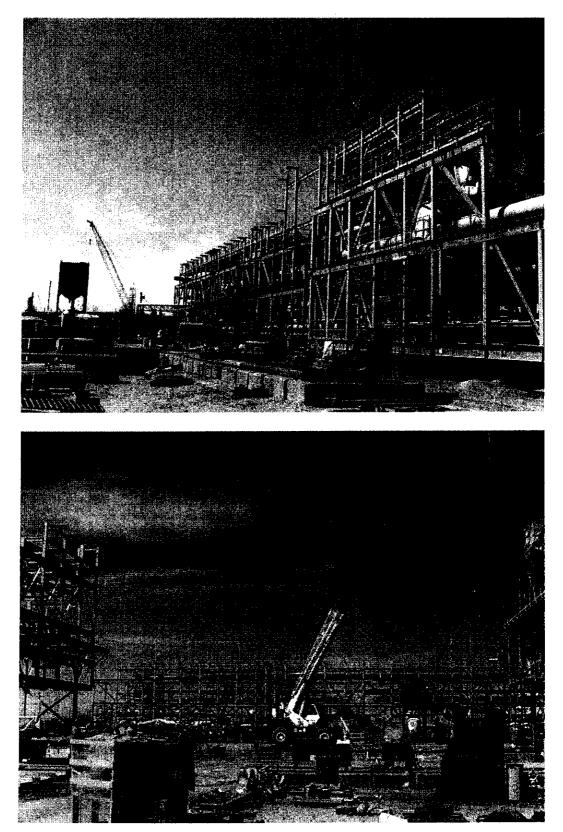
Steel structures are 97.8% complete; piping is 78.8% complete. Overall, the project is 76% complete versus a forecast of 85%. The primary reason for the delay in assembly schedule has been delivery of prefabricated pipe from the offsite sub-contractor.

Bay Ltd. increased manning significantly (currently 215 versus planned maximum of approximately 152 persons) to accelerate progress. The transport barge is scheduled to be onsite April 24 to initiate loading of the pipe utility racks. Scheduled departure date from Corpus Christi is April 28 with a planned arrival date of May 14 at Astoria.



<u>Table 1</u>

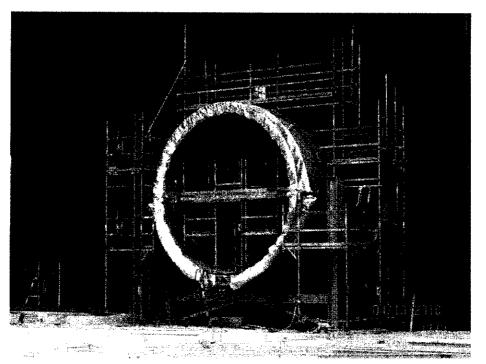
Utility Pipe Rack Modu		T		
A. Structural Steel	<u>]</u>	II.	_	l
	Tons	%	Earned	
		Complete	Tons	
Module 1	60.82	100.0%	60.82	
Module 2	99.6	99.9%	99.54	
Module 3	148.72	94.1%	139.92	
Module 4	40.94	100.0%	40.94	
Module 5	91.33	96.8%	88.44	
Module 6	91.23	100.0%	91.23	
SL-Module 4	28.94	96.9%	28.06	
SL-Module 6	9.41	100.0%	9.41	
Total	570.99	97.8%	558.34	
B. Piping Progress				
	<u>2" to 8"</u>	<u>10" to 18"</u>	20" & larger	Average
Piping: Carbon Steel	74.54%	87.83%	78.13%	80.17%
Piping: Alloy	78.87%	71.77%	69.72%	73.45%
Pipe Supports				91.89%
Piping Total		<u> </u>		78.84%



Utility Racks Assembly Corpus Christi, TX

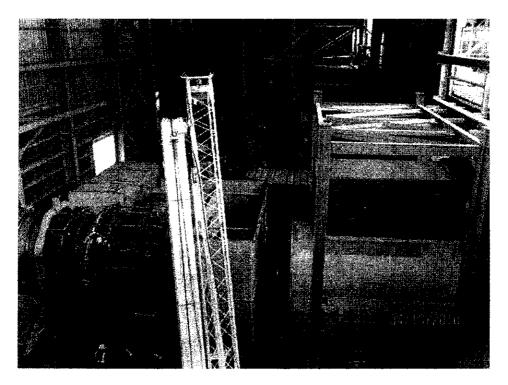
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Turbine Centerline Contract – The Turbine Centerline contract was consummated December 9, 2009 with Skanska Construction. The contact includes work necessary for the installation of the combustion and steam turbines. To date Skanska has been paid 10% of the contract value.



Combustion Turbine Exhaust Duct Installation

CTG Installation



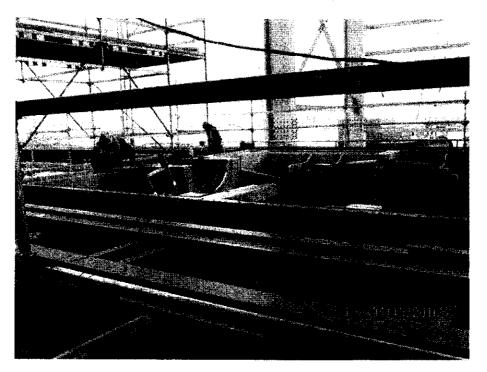
Astoria Energy II Progress Report

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Skanska crews continued with piping and mechanical assembly work on the combustion turbine-generators in March. A separate crew was mobilized to the J Supor facility in Harrison New Jersey to assemble the STG Generator and Rotor in a climate controlled warehouse and to sustain scheduled progress. STG Fixators were set and grouted and Sole Plates were installed. The STG Lube Oil Skid was also installed.

In late March, the EPCM Contractor directed Skanska to cease work on the CTGs and direct their efforts to the installation of the STG access steel. This reprioritization will be a schedule benefit in that it will allow for a more efficient installation of the STG on the whole and will benefit the project because the STG installation is a critical path activity. There is sufficient float in the CTG installation activity, such that this redirection will not adversely affect the critical path for the project.

Rotor Installation

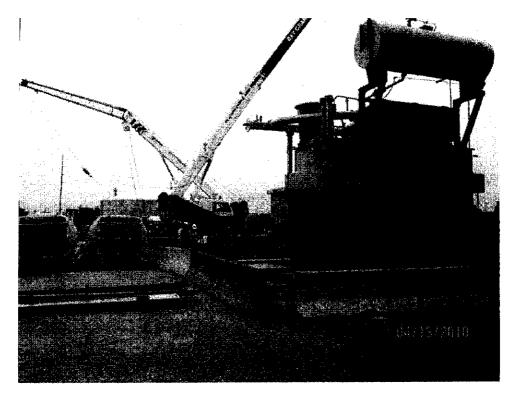


Steam Turbine Low Pressure Casing Installation

Piping Construction – The piping construction will likely be conducted by multiple contractors. The Piping Trade Contracts may exceed the threshold for Lenders' approval. The Contracts are now scheduled for award in April 2010.

Electrical Construction – Electrical construction began in March under a Limited Notice to Proceed. The Electrical Trade Contract exceeds the threshold for Lenders' approval. The Above Ground Electrical Work package was reviewed and approved by the Owner's Representative, the Owner's Engineer, and the project Lenders as required under the terms of the project credit agreement. The Electrical contractor is proceeding with the installation of electrical conductors and raceways for the generator step-up transformers and the control room.

Transformer Installation



Control Room Installation



2.3.3. Overall Construction Status and Progress

Construction activities are lagging planned progress to date. The EPCM Contractor estimates construction to be approximately 41.4% complete as compared to a plan progress value of 48.2%. Construction progress advanced approximately 8.8% in March exceeding the original plan progress of 6.4% for the month. The principal construction activities are the installation of equipment foundations, turbine enclosure, and combustion turbine installation ("Centerline") works.

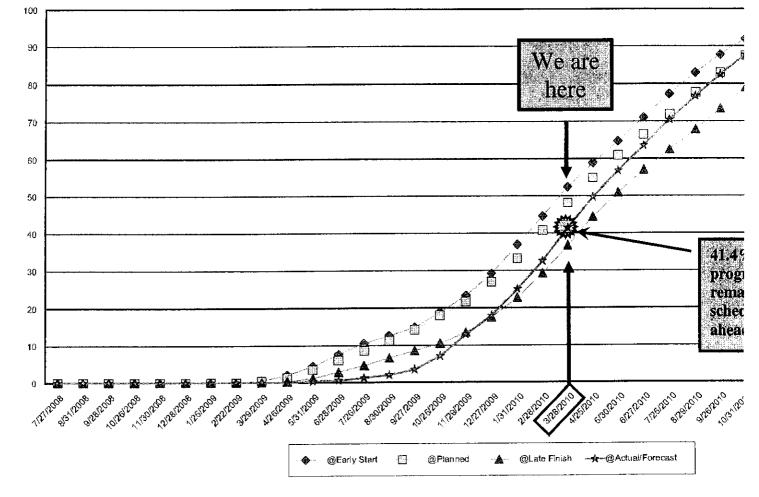
The contractor is currently working under a Project Acceleration Plan with construction crews working 60-hour weeks and limited second shifts. At the request of the Owner, the Contractor formalized the project completion forecast as the "Acceleration Plan" in the progress chart below. The March construction progress of 8.8% is a substantial improvement over the 7.8% construction progress earned in February. The construction progress of 8.8% in March also exceeds the acceleration plan forecast of 7.5% construction progress. The March construction efforts continue to indicate the Acceleration Plan is producing favorable results.

The EPCM Contractor achieved schedule recovery ("Late Finish" status) in January, 2010. The Contractor's Progress Curve and planned schedule recovery under the Project Acceleration Plan is presented in Figure below:

Astoria Combined Cycle Plant, Phase 2 (00992)

Project # 990620

Construction



Astoria Energy II Progress Report

2.3.4 Con Ed / NYPPA Interconnection

Under the Article X Certificate and the original Interconnection Agreement, the AE II project was originally granted interconnection for up to 1,000 MW at ConEd's Astoria East 138 kV substation.

On October 29, 2008 an agreement was reached with NYPA to interconnect Astoria II on the 345 kV system utilizing the feeders occupied by Old Poletti after the retirement of Old Poletti. The agreement requires AE II to pursue the NYISO interconnection process in accordance with NYISO's Large Generator Interconnection process in Attachment X specifying three sequential studies;

- i) Feasibility Study,
- ii) System Reliability Impact Study, and
- iii) Facilities Study.

The Facilities study is a construction assessment and scoping study conducted in accordance with Attachment S procedures. NYPA and NYISO subsequently waived the requirement for a Feasibility Study. The System Reliability Impact Study is complete. The Agreement for conducting the Facilities Study was signed by AE II Officers on April 7, 2010.

The Article X Amendment filed on November 10th and approved by the Siting Board on April 7, 2009, included a revised interconnection point for AE II on the 345 kV system.

The ConEd transmission path land easements were approved by the NY Public Service Commission February 11, 2010.

Concurrent with the commercial and legal processes for securing the Interconnection Agreement, the EPCM Contractor, ConEd and NYPA are working cooperatively to advance the interconnect engineering design and construction planning. Efforts in March focused on obtaining ConEd approvals to proceed with construction. The updated schedule predicts a completed interconnection with power back-feed in November 2010 (as compared to October in the last report).

Long lead-time equipment items such as the 345 kV gas insulated substation (GIS) components have been procured. Transmission towers have been procured. Tower installation has been delayed to coincide with Astoria I scheduled outage in late April 2010.

2.3.5 Insurance

Project insurance includes:

- Worker's Compensation and Employers' Liability (an Owner Controlled Insurance Policy (OCIP))
- Builder's Risk Policy
- Marine Cargo Policy, and
- Environmental/Pollution Liability

2.3.5.1 Owner Contracted Insurance Policy (OCIP)

OCIP includes coverage for Worker's Compensation (W.C.), General Liability (G.L.) and excess/umbrella liability for construction activities at designated sites. (Local 3 NYC electrical unions are not included in the OCIP as they use an alternative resolution process for Worker's Compensation claims).

<u>OCIP Claims</u>: The program plan is "loss sensitive" meaning, the policy premium and deductibles are a function of claim losses. An increase in claim losses increases the policy premium and deductibles. However, there is a maximum (worst case) claims stop loss exposure for the Owner.

<u>OCIP Manual</u>: The project team has conducted meetings with major trade contractors and insurance representatives to provide training on registration & administration of the OCIP

<u>OCIP Financials</u>: The Owner has the responsibility for funding self insured (retained) deductibles. The dominant retained risk cost is related to the W.C. and G.L. claims within the OCIP. An actuarial analysis has been conducted to estimate the expected retained deductible claims & expenses for W.C. and G.L. with a maximum worst case stop loss (plan aggregate). The insurance carrier requires a Letter of Credit to securitize a portion of this owner retained risk, as well as an escrow account funded for initial claim payments (to be adjusted monthly based on actual claims paid).

2.3.5.2 Builder's Risk

The Builder's Risk policy covers physical damage to the Contract Works and Delay in Start-up. The Policy Binder for the Builder's Risk policy has been executed and remains in effect.

Builder's Risk policy covers repair/replacement of assets ("Contract Works") that are lost or damaged during construction, including resulting Delay in Start-up (revenue stream). Contract Works are valued/insured for a blanket limit,

consistent with the target EPC Budget. The Delay in Start-up coverage is insured for a value inclusive of the NYPA contractual LDs for potential lost profits due to delayed COD.

2.3.5.3 Marine Cargo in transit and DSU

Marine Cargo in transit and DSU coverage is based on a cargo value for any one vessel, conveyance, and/or location. The policy will cover marine cargo shipments of all the major components from ports of fabrication and manufacturing origin through final delivery of the equipment. The policy has a deductible for each and every loss, except for certain defined exceptions (general average & salvage, sue and labor expenses, and Institute cargo clauses, institute war clauses, and institute strike clauses). The policy includes Delay in Start-up cover after a deductible (waiting period) of 30 days, for an 18 month indemnity period (insured value plus potential NYPA LDs).

2.3.5.4 Marine Liability coverage

Marine Liability coverage provides protection for liabilities arising from the charter of vessels (for example, shipment of the pipe racks and transport of the HRSG), including Charterer's legal liability, Wharfinger legal liability, Terminal Operators' legal liability, Cargo Owner's legal liability, and marine Facility Operator's legal liability.

2.3.5.5 **Pollution Legal Liability (Environmental)**

Pollution Legal Liability (Environmental) policies include coverage for Contractor's Pollution Liability (CPL); Pollution Legal Liability (PLL) for owner's site liability at both AE I, AEII and Con Ed easements.

2.3.5.6 Other Insurance Polices

Terrorism & Auto Liability: AEII has been added to the GSENA global programs for Terrorism & Auto Liability coverage (by endorsement).

2.3.5.7 Insurance Claims to Date

There are no material claims to date. The project has received notice of several minor workers compensation claims related to minor injury doctor visits. AE II affiliates Astoria Energy, LLC and SNC Generation have been erroneously named in claim for damages on behalf of an injured (injured finger) Trade Contractor employee. It is likely these claims will be redirected to AE II and SLCI in the near future.

2.4 Project Construction Oversight

AE II retained SUEZ Energy Astoria II, LLC (SEA II) through a Project Construction Oversight Agreement (PCOA) to serve as the Owners Representative under the EPCM Contract. Under the terms of the PCOA SEA II administers the EPCM activities recommending the execution and payment of third party contracts, providing informational reports regarding the status of EPC progress, and coordinating certain third party consultants performing services on behalf of the Owner.

The services under the PCOA are generally categorized as:

Home Office Management (personnel) On-site Management (personnel) Engineering and Environmental Consultants

2.4.1 PCOA Personnel

Home office personnel include the following functions:

Project Manager Project Engineer (two) Contracts Manager Project Accountant Project Support (Finance, Tax, Legal, Other)

The Project Manager and Project Accountant are full-time positions committed to AE II on an exclusive basis. The remaining home office positions are part-time assignments on an as need basis.

On-site management staff includes the following positions:

Construction Director QA/QC Site Manager

The Construction Director and QA/QC Manager are full-time positions committed to AE II on an exclusive basis. The below illustrates the man-hour consumption as compared to the planned consumption rate. The man-hour consumption through March 31, 2010 is slightly less (approximately 10%) than plan. The man-hour consumption rate will be increasing in future months as the project is in the process of identifying operations personnel who will be joining the on-site staff to train and facilitate the start-up and commissioning of the facility later this year.

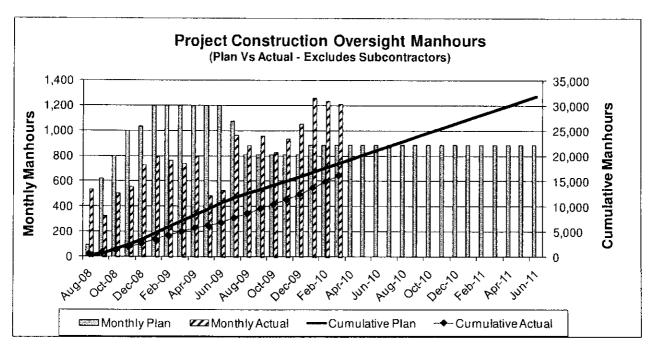


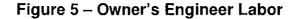
Figure 4 – Project Construction Oversight Labor

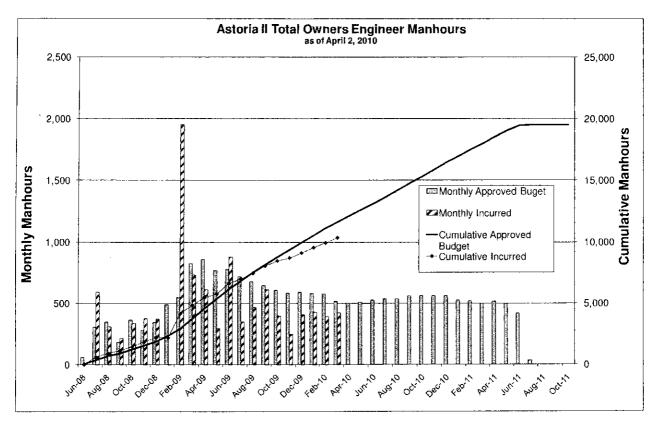
2.4.2 Engineering and Environmental Consultants

Third party contracts administered and coordinated on behalf of the Owner include;

- i) TRC Environmental Consultants,
- ii) URS Corporation as the Owner's Engineer,
- iii) Tech Serve as the Owner's Engineer with respect to the Electrical Interconnection and,
- iv) ESS Group, Inc. for Environmental Inspection services required by the terms of the Article X Certificate.

The Owner's Engineer has accrued 10,360 man-hours or approximately 53% of the total 19,500 engineering man-hour forecast. The cumulative Owner's Engineering man-hours remain below the plan level as shown in the chart below:

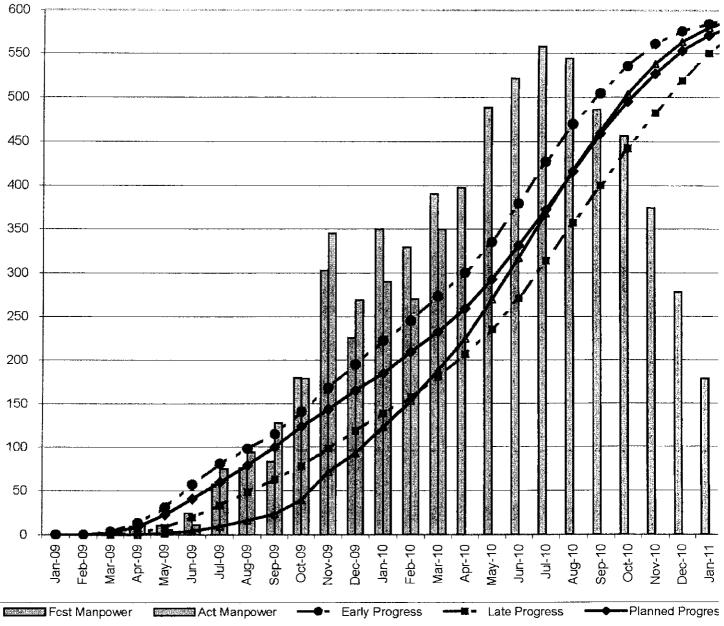




2.5 Construction Staffing

At the end of March construction staffing was approximately 350 direct labor individuals on the project site. Labor productivity has proven favorable for the project to date. Construction staffing under the Acceleration Plan has been lower than expected for several months while maintaining the Acceleration Plan rate of progress. Construction staffing is expected to increase substantially in the forthcoming months with the onset of mechanical and electrical construction activities. To date the project has not encountered any problems with staffing shortages and labor resources are expected to be readily available as the project activity increases.

ONSITE CONSTRUCTION DIRECT MANPOWER & PROGRESS



33

2.6 **Permits (Environmental and Construction)**

2.6.1 Article X Amendment

On April 7, 2009 the NY Siting Board approved an Amendment to the Article X Certificate. The Amendment specifically provided:

- i) Permission to construct a combined capacity of 1,240 MW for AE and AE II,
- ii) Authorization for the second power block of the Facility to be interconnected to the bulk power transmission system at the New York Power Authority's ("NYPA") Q 35 L&M 345 kV transmission lines; and
- iii) Authorization for the completion of construction of the second power block in the Spring of 2011

2.6.2 Permitting Organization and Status

The project team maintains a comprehensive review of the total project permit requirements and a Consolidated Permit List (CPL) presented in Appendix 9. The status and schedule for each permit item is presented in the CPL along with the recognition of the designated responsible party. A summary of CPL and permitting status is provided in the Table Below:

Responsi	ble Entity	Complete	Application Submitted, Approval Pending - no major issues	Pending - Issues to be resolved	Application to be submitted - no major issues	Total
Owner						
	Federal	13	C	0	7	20
	State	10	2	0	0	12
	Local	0	C	0	1	1
EPCm Co	ntractor					
	Federal	1		0	4	5
	State	6	0	0	3	9
	Local	19	3	0	23	45
	Total	49	5	0	38	92

Table 9 – Permitting Status

Permitting Status Summary

2.7 **Project Schedule**

The Project Baseline Schedule was established by the EPCM Contractor in early February 2009 and reflects the Contractor's perspective as of March 28, 2010. The Acceleration Plan was added to the schedule to establish an "Acceleration Plan Baseline" to facilitate the Owner's tracking of progress relative to the Acceleration Plan. The Schedule predicts the Commercial Operation Date (COD) of May 31, 2011. The Critical Path generally proceeds through the fabrication, delivery and installation of the HRSG followed by the installation of the Air Cooled Condenser and plant start-up and commissioning at the end.

During the next 90 days the project team will focus on installation of major equipment components including stacks, pipe racks, HRSGs, and STG.

2.7.1 Discussion regarding any delays / changes to schedule

The current schedule reflects the Contractor's efforts to accelerate the work and regain progress as quickly as possible. The foundations, building steel, and centerline equipment installation activities are tracking very close to the Re-Baseline schedule, and have been adjusted to reflect the construction team's acceleration plans. The upfront construction delays in early 2009 and subsequent schedule changes do not impact the project completion date.

The schedule for the activities associated with the 345 KV Substation on the Con-Ed property, including the interface with the 13th street and Farragut substations continue to be adjusted as a consequence of coordination issues with Con-Ed. The current Backfeed date has been delayed until November 14, 2010 (as compared to October 14th in the last report). The Start-up schedule has been adjusted as needed to accommodate this change.

The transportation activities for the pipe rack modules and the HRSG's have been confirmed for loading, transporting, and off loading of components.

2.7.2 Conclusion regarding project achieving Commercial Operation Date

The Project Critical Path of off-site boiler erection, transportation to site, then ACC erection to support Steam Blows remains unchanged. Achieving Commercial Operation Date remains on schedule at this time.

2.7.3 Completion Date according to schedule and budget

Completion Date (COD) remains unchanged at May 31, 2011.

APPENDICES

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Appendix 1

Safety Statistics

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MONTHLY CORPORATE S/

BUSINESS UNIT/PROJECT	: SL Thermal / Astoria II
LOCATION: Astoria, N	
	IM
AREA / CONTRACTOR	MONTH
SNC-Lavalin Home Office	
SNC-Lavalin Field Activities	7,613
EJ Electric	4,169
Consolidated Fence	0
Layout Inc.	503
Scalamandre	15,170
J.J. Jingoli	12,398
Triumph	0
TSC	0
ESS	497
Fresh Meadows Mechanical	30
Mooretrench	0
B.P. Precise	0

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Joint H&S Committee Mtngs	0	2	2			
Documented Safety Insp.	25	1,246	1,271			
Injury Management	0	0	0			
		LAC	GGING			
		MONTH				
	SLC	Contractor	Total			
Medical Aid Cases * (U.S. OSHA Recordable	0	0	0			
Modified Duty Cases *	0	0	0			
Lost Time Incidents (LTI) *	0	1	1			
Fatalities *	0	0	0			
Modified Work Days (U.S. Calendar Days)	0	8	8			
Lost Time Days (U.S. next calendar day after DOI)	0	9	9			
Medical Aid Frequency	0.00	0.00	0.00			
LTI Frequency	0.00	3.68	3.23			
Recordable Incident Frequency	0.00	3.68	3.23			
Severity Rate	0.00	33.16	29.08			
Property Damage	0	0	0			
* Incident report(s) must accompany	monthly su	bmittal to Co	rporate Ha			
SNC-Lavalin H&S Represe	ntative:	Nicholas	Danelli			
EMAIL: <u>nicholas.danellis@snclavalin.com</u> PHONE #						

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Appendix 2

Consolidated Permit List and Status

Permit	Responsibility	Origins	Status	Last Updated	Action Items	
ASTORIA ENERGY II LEAD						
Federal						
FAA- Determination of No Hazard to Air Navigation/Notice of Proposed Construction of Stacks	TRC-Elizabeth Lenseth	Federal Requirements	Complete	4/9/2009		Filed stacks notice out 11/5. Hazard" on 1/5/09 requiring : height. This is the same proce comment period of 120 days. Additional studies for stacks i indicated that once the public approval period-cannot give a within this period and a decis additional information from F were provided to FAA on 4/3, approval of lighting plan, awa
······································						Filed Construction Crane noti
FAA- Notice Proposed Construction for Construction Cranes	TRC-Elizabeth Lenseth	Federal Requirements	Complete	12/21/2009	Follow-up with FAA on status of determinations for new construction crane for towers.	requiring additional studies tr procedure that was carried or Request to initiate additional that temporary structures are with the permant structure, i 4/14/09. Submitted permit e expiration date is 4/13/11. Fil
FAA- Determination of No Hazard to Air Navigation/Notice of Proposed Construction for Power Lines	TRC-Elizabeth Lenseth	Federal Requirements	Complete	12/21/2009	Follow-up with FAA on status of determinations for remaining 4 towers and tower cranes. Approval required before construction can begin.	Filed Towers on Con Edison P "Determination of No Hazard on 1/26, recieved determinat of Tower 2, received New De" required, Filed new determin crane on 12/19, FAA has 30 d
ACOE- Section 10/404 NationwideGeneral Permit for xmission wire crossing and storwater outfall	TRC-Elizabeth Lenseth/Charlie Cooper	Federal Requirements	Complete	2/12/2009		Filed Pre-construction notice additional information, which 12/31/2010 and will need to received 2/4 refers back to 2(higher than the 100 year floo have required minimum clear
U.S. Coast Guard- Aids to Navigation Confirmation	AEII-Chris Price	Federal Requirements	Complete			Phone conversation with Coa
Letter U.S. F&W- Approval Letters	TRC-Elizabeth Lenseth	Federal Requirements	Complete	10/22/2008		Letter sent to USFWS for revi provide listing of species pote species.
National Marine Fisheries- Approval Letter		Federal Requirements	Complete			No Action Required Call EIA for clarification - self
USDOE- Fuel Use Act Certificate	AEII-Chris Price	Federal Requirements		10/22/2008	_ · · · · · · · · · · · · · · · · ·	Apply in 2010, no benefits for
FERC- Market Based Rate Approval	Mark Williams	Federal Requirements		10/22/2008		pre-or-post financing
FERC- Exempt Wholesale Generator FERC- Order Authorizing Disposition of Jurisdictional	Mark Williams Mark Williams	Federal Requirements Federal Requirements		10/22/2008		More specificity on ownershi
Facilities	AEII-Chris Price	Federal Requirements				
FCC- Radio Station License EPA- Preconstruction Monitoring Waiver Request			Complete			Subsumed by PSD
Approval EPA- RCRA Acknowledgement of Notification of	AEII-Chris Price	Federal Requirements	Complete			Separate RCRA IDs
Hazardous Waste	AEII-Chris Price	Federal Requirements				
EPA- RCRA Acknowledgement of Notification of Hazardous Waste Activity for the ConEd Easement	AEII-Chris Price	Federal Requirements		11/20/2009	<u>_</u>	Separate RCRA IDs arranged
US Homeland Security - Coast Guard Site Security Plan	AEII-Chris Price	Federal Requirements				
State						
NYSPSC- Certification of a Major Electric Generating Facility under Article X of the New York State Public Service Law.	Couch White -Len Singer/AEII - Chris Price/TRC-Charlie Cooper, Elizabeth Lenseth	State Requirement	Complete	12/17/2008		Filed 6/2000 ,Order Issued 1:

Permit	Responsibility	Origins	Status	Last Updated	Action Items	
ASTORIA ENERGY II LEAD	1					
NYSPSC- Order Granting Amendment of Certificate of Environmental Compatibility and Public Need	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	11/20/2009		Filed 11/10. NYSPSC ask White/AEII/TRC and sen to PSC WE 3/20. Anticip submitted and approved parking, nightime constr
NYSDEC Transfer of Ownership	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	3/9/2009		Received name change 2
NYSDEC- Title V Air Permit	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	3/9/2009		Received name change ;
NYSDEC- Final PSD Permit Conditions	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	11/20/2009		Confirming covered und related information, Oct
NYSDEC- Title IV Acid Rain Permit	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	3/9/2009		Received name change 2
NOx Budget Permit	Couch White -Len Singer/AEII - Chris Price	State Requirement	Complete	3/9/2009		Received name change 2
vYSDEC- Major Oil Storage Facility License	TRC-Ken Cormier	State Requirement	Pending	12/22/2009	SNC to provide TRC asap with final Inspection Report and plan to refurbish Tank #2, TRC to schedule pre-application meeting with DEC to discuss permitting.	Email from NYSDEC to T Project does not interfer found that the proposec 9614453. Will need to c SNC indicates approval r
NYSDEC- Preliminary Site Assessment Letter	N/A	State Requirement		10/22/2008		Entire site, Phase 1 and
VYSDOS- Coastal Management Program Concurrence .etter	N/A	State Requirement	Complete	11/20/2009		Within Article X. Additio
VYSOPRHP- No Adverse Impact Letter	TRC-Elizabeth Lenseth	State Requirement	Complete	10/22/2008	· · · · · · · · · · · · · · · · · · ·	No Action Required
NYSDEC- Endangered Species Unit Approval Letters	TRC-Elizabeth Lenseth	State Requirement	Complete	11/5/2008		NYSDEC reviewed project futher action (10/27/08)
VYSDGS- Easement for Crossing Steinway Creek	Vince Sacchetti	State Requirement		10/22/2008		Amend license for wider
ocal NYCDEP- Industrial Discharge Permit	Couch White -Len Singer/AEII - Chris Price	Local Requirment		10/22/2008		Spoke to Francis Leving, NYCE make the ownership change
YC- Oil Storage Tank Capacity Approval Letter	AEII-Chris Price	Local Requirment				Superseded by MOSF, n
IYCDEP- Asbestos Inspection Report IYCDEP- Not an Asbestos Project Notification	TRC TRC	Local Requirment				No Action Required
INC & ABBAS LEAD	TRC .	Local Requirment			l	IND ACION REQUIRED
ederel Andreas and Andreas and Andreas	1.000	Company and and a start of the start of the			·····································	
AA-Notice of Actual Construction of Stack	SNC/Abbas	Federal Requirment Exhibit P - Contract Document	-	12/4/2008		FAA requires notification
AA-Notice of Actual Construction of Construction irane	EPC Contractor	Federal Requirment Exhibit P - Contract Document	-	12/4/2008		FAA requires notification heights.
AA-Notice of Actual Construction of Transmission	SNC/Abbas	Federal Requirment Exhibit P - Contract Document	-	12/21/2009		FAA requires notification filed 11/13/09, received
S Army Corps of Engineers Letter of Permission for emporarγ Bulkhead Structures	SNC/Ocean Coastal	Requirement for Temporary Structures	Complete	12/22/2009	SNC/Ocean Coastal to verify submittal of notice of construction to Harbor Supervision & Compliance Section prior to commencement of construction	Required for temporary Notice was to be provid
		Federal Requirment			Notify CG prior to working in State	AF: Coast Guard notifica
IS Coast Guard Notices during construction	SNC/Abbas	Exhibit P - Contract Document	-	12/4/2008	waters	API COast Guard nounca
IS Coast Guard Notices during construction	SNC/Abbas			12/4/2008	waters	

Preliminary Working Draft 10-21-08

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Permit	Responsibility	Origins	Status	Last Updated	Action Items	
ASTORIA ENERGY II LEAD NYSDEC- SPDES Stormwater General Permit for Construction and Demolition	SNC-Rowena DeFato	State Requirment	Complete	11/20/2009		Complete - NOI issued 1/9/0
NYSDEC - Soil Erosion & Sediment Control Approval	SNC-Rowena DeFato	State Requirment Exhibit P - Contract Document	Complete	2/6/2009		Complete
NYSDEC - Stormwater Pollution Prevention Plan	SNC-Rowena DeFato	State Requirment Exhibit P - Contract Document	Complete	11/20/2009		Complete.Subsequently revis
NYSDEC - Dewatering Approval	SNC-Rowena DeFato	State Requirment Exhibit P - Contract Document	Complete	2/6/2009		Complete
NYSDEC - Dredging/Filling Associated with Pier Construction/Reconstruction Approval	SNC/Abbas	State Requirment Exhibit P - Contract Document	Not needed? Need to confirm	12/4/2008	Confirm no dredging is required	AF: If no dredging or no Pier
NYSDEC - Discharge of Water from Pipeline Integrity Test	5NC/Abbas	State Requirment Exhibit P - Contract Document	Not needed? Need to confirm	12/4/2008	Must file prior to discharging test water to State waters	AF: Needed before dischargi
NYSDEC - Remedial Action Work Plan - Soil and Groundwater Managmenet Plan	SNC-Rowena Defato	State Requirment Exhibit P - Contract Document	Complete	12/6/2009		SNC/Abbas received email fr
NYSDEC - Chemical Bulk Storage Registration	SNC/Abbas	State Requirment Exhibit P - Contract Document	Need to confirm	12/4/2008	Must file prior to construction of chemical bulk storage tank	AF: Needed before Construct
NYSDEC - Hazardous Waste Generators Permit (construction)	SNC/Abbas	State Requirment Exhibit P - Contract Document	Need to confirm	12/4/2008	Confirm no hazardous waste is generated	AF: If no hazardous waste is g
NYSDEC - Approval for Temporary Bulkhead Structures	SNC/Ocean Coastal	State Requirement	Complete	11/20/2009	Verify submittal of notice of construction to DEC 5 days before construction commenced.	Submitted 8/28 with the cave Received 9/10/2009.
toral						
NEW YORK CITY ADMINISTRATIVE CODE						
Title 19 - Transportation		Local Requirement -			· · · · · · · · · · · · · · · · · · ·	
§19-102 Unlawful Use of Opening of Street	SNC/Abbas	Exhibit 27		1/12/2009		Permit shall be obtained from
§19-107 Temporary Closing of the Streets	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Permit shall be obtained from 96, 99
§19-121 Construction and Excavation Sites	SNC/Abbas	Local Requirement - Exhibit 27		11/19/2009		Site Prepartion/Temporary of 11/9/09; U/G Water Tunnel
§19-137 Land Contour Work	SNC/Abbas	Local Requirement - Exhibit 27		11/19/2009		Site Prepartion/Temporary co 11/9/09
§19-146 Prevention of Disbturbances of the Street	Martin Art Training Training Street, St	Local Requirement -				Permits required under 19-14
Surface	5NC/Abbas	Exhibit 27		1/12/2009		
File 22 - Economic Affairs 522-116 et seq. Improvement of Waterfront Property	aug lui	Local Requirement -		1 (12/2000		Section 22-116 applies to the for the site development and
Fitle 24 - Environmental Protection and Utitilities	\$NC/Abbas	Exhibit 27		1/12/2009		
Water Supply						
24-308 Fire Hydrants	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Filed Piles/Foundation 1/21/
Drainage and Sewer Control		Local Requirement -			· · · · · · · · · · · · · · · · · · ·	+
24-S07 Private Sewers and Drains	SNC/Abbas	Exhibit 27		1/12/2009		Required Permit shall be obt
24-509 & §24-523 Construction of Sewers/Industrial		Local Requirement -				Required Permit shall be obt
Naste Rite 26 - Housing and Buildings	SNC/Abbas	Exhibit 27		1/12/2009		ł
26-252 Sidewalk, Sheds, Fences, Railings	5NC/Abbas	Local Requirement - Exhibit 27		11/19/2009	+	Site Prepartion/Temporary c 11/9/09; Piles/Foundation fi
Title 27 - Construction and Maintenance	2010/20003	Enroll & C				

l n						
Permit	Responsibility	Origins	Status	Last Updated	Action Items	3
ASTORIA ENERGY II LEAD						
\$27 - 147 et seq. Permits	SNC/Abbac	Local Requirement -	Applications to be submitted - no major		DOB Application for GIS building sent to Con Edison for signature; Drawings for New Water Tanks being reviewed. Abbas to confirm whether GIS excavation requires prior DOB approval Also, DOB determination of whether GIS and Control buildings can be fast- tracked as Equipmwent Enclosures. If not, re-visit permitting path.	Filed U/G Water Tunnel 11/11/ 12/12/08, General Construction Renewed 11/9/09; File Loop/Ai 1/26/09; Filed Piles/Foundation Filed Turbine Enclosure New Bu piping/gas compressors genera 10/1/09, Permit Renewed 11/9 4/7/09, Approved by DOB 10/2 4/7/09, Approved by DOB 10/2 4/7/09, Approved by DOB 10/2 6/09, Approved 11/9/09, UG (3/10/09, Permit Renewed 11/9 3/04/09, DOB approved 3/10/0 Gertification application filed 2/ to 9) mechanical permit issued (Areas 1 to 9) general construct piping and drainage (Areas 1 to STG, CTG, HRSG filed 5/12/09, C Overhead Door General Constru- sign-off process in progress; Fc by DOB 10/20/09, Permit Renee DOB 8/28/09, Approved by DOI power plant major equipment { Installation of Gas Turbines and approval 12/4/09, plans submit
	SNC/Abbas	Exhibit 27 Local Requirement -	issues	12/21/2009	<u> </u>	Equipment, construction filed 1 Requirements of 27-316 shall b
§27-316 et seq. Special Flood Hazard Areas	SNC/Abbas	Exhibit 27		1/12/2009		be submitted to DOB by Engine
Drainage System						
§27-909 Permits	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Sewer connection permit and s respectively, if needed, Ref: 67,
FIRE PREVENTION CODE						respectively, a needed, key, br,
§27-4010 Hazardous Industries	SNC/Abbas	Local Requirement - Exhibit 27	Application to be submitted - no major issues	2/25/2009	Awaiting drawings for fuel oil piping	Requirements of 27-4010 shall required for flammable and cor
§27-4011 Permits	SNC/Abbas	Local Requirement - Exhibit 27	Application to be submitted - no major issues	2/25/2009	Awaiting drawings for fuel oil piping	Requirementes of 27-4011 shal FDNY and DOB as required, Ref
	SINC/AUDAS	Local Requirement -	155065	2/25/2009	· · · · · · · · · · · · · · · · · · ·	Requirements of applicable par
§ 27-4057 Transportation Delivery	SNC/Abbas	Exhibit 27		1/12/2009		obtained from FDNY Bulk Fuel :
§ 27-4060 Lubricating Oils	SNC/Abbas	Local Requirement - Exhibit 27	·····	1/12/2009		Required permit shall be obtain Ref: 90
NEW YORK CITY RULES AND REGULATIONS						
Title 1 - Board of Standards and Appeals				·		· · · · · · · · · · · · · · · · · · ·
§ 39-01 Cooling Towesr and Evaporative Condensors	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Requirements of 39-01 shall be Power Plant equipment. Ref: 11
Title 2 - Board of Standards and Appeals						
§ 10-01 et seq. Fire Extinguishing Systems and Appliances	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Requirements of 10-01 shall be FDNY and DOB for different fire
§ 16-01 et seq. Oil Burning Equipment	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Requirements of applicable par
Title 15 - Department of Environmental Protection						
§ 2-01 et seq. Fuel Burning Equipment	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Section 2-01 applies to typical I DOB and FDNY Ref: 84, 86
§ 20-01et seq. Use and Supply of Water	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Permits required under 20-05 s connection etc. Ref: 81, 88
Title 34 - Department of Transportation	51,57, 5005					Contraction etc. Nel. 01, 00
§2-05 Construction Activity	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Permits required under 20-05 s sidewalk closing, roadway closi etc. Ref: 54, 67, 93, 98, 99
§ 2-06 Land Contour Work	SNC/Abbas	Local Requirement - Exhibit 27		1/12/200 9		Applicable parts of Section 2-0

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Permit	Responsibility	Origins	Status	Last Updated	Action Items	
ASTORIA ENERGY II LEAD				_,		
§ 2-11 Street Openings and Excavations	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Permits required under Sectio breaking existing pavements i obstruction, sidewalks closing 98, 99
Title 65 - Waterfront and Related Property						
§ 2-03 Improvement and Alteration of property and Marginal Streets	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Section 2-03 does not apply to Department of Business Servic
§ 2-11 Hazardous, Flammable or Explosive Substances	SNC/Abbas	Local Requirement - Exhibit 27		1/12/2009		Applicable parts of Section 2-1