

090009-EI

REDACTED

# EXHIBIT B

COM \_\_\_  
ECR 1 \_\_\_  
GCL \_\_\_  
OPC \_\_\_  
RCP \_\_\_  
SSC \_\_\_  
SGA \_\_\_  
ADM \_\_\_  
CLK \_\_\_

DOCUMENT NUMBER-DATE

09110 SEP-18

FPSC-COMMISSION CLERK

DOCUMENT NUMBER-DATE

09110 SEP-18

FPSC-COMMISSION CLERK

Workplan  
EPV



JVS 7

## Bureau of Performance Analysis Interview Summary

Company: Florida Power & Light Company  
Area: 2009 Nuclear Controls Review- Internal Audit- Review of completed audits for EPU and PTN 6&7 and schedule for 2009  
Auditor(s): Rich, Cryan, Fisher

Interview Number: IVS-7  
File Name:

Name: Tony Maceo, Tiffany Cordes

Date of Interview: 3/24/09  
Location: Juno Beach  
Telephone Number:

(1) Purpose of Interview: To discuss the Internal Audit Plan for 2009 and review audits completed for the EPU and PTN 6&7 since April 2008

(2) Interview Summary:

1. The charge of Internal Audit is to make sure overall controls operate properly, are functioning well, and that the company is not placed at risk; the PTN 6&7 audit was issued November 21, 2008, and done to ensure costs incurred were reasonable and consistent with terms and conditions of the Cost Recovery Clause; overall the audit results were good and looked at payroll, accruals and reimbursements; nothing material was found, but some adjustments were made.

the lessons learned from the July 2008 EPU Review migrated to PTN 6&7, with a resulting of their faults and findings;

2. Internal Audit is rolling forward the same EPU audit scope into the timeframe of April 1- 12/31/08; four of five auditors in Tony's group are working on this audit; a New Nuclear audit for the same timeframe is being conducted by an external auditor, Jefferson Wells, at Tony's direction; fieldwork is expected to be completed by the end of April '09 and the report is expected to be published in May;

3. In early to mid 2008 Internal Audit was informed by an FPL employee that procedures were not being followed by the EPU organization; it was alleged that the

(3) Conclusions:

(4) Date Request(s) Generated:

No. \_\_\_\_\_  
No. \_\_\_\_\_  
No. \_\_\_\_\_

(5) Follow-up Required:

- a. Conduct follow-up interviews to determine allegations, the root cause of the condition, what controls were circumvented, and what actions management made to correct the condition;
- b. Follow-up on the May audit reports for the EPU and PTN 6&7 annual audits;

Project Manager

①

IVS 9

## Bureau of Performance Analysis Interview Summary

Company: Florida Power & Light Company  
Area: 2009 Nuclear Controls Review  
Auditor(s): Fisher, Rich

Interview Number: IVS9  
File Name:

Name: Bill Labbe and Raj Kundalkar with Tiffany Cordes in attendance

Date of Interview: 4/24/09  
Location: Telephone conference  
Telephone Number:

(1) Purpose of Interview: To discuss events surrounding staffing and hiring decisions that were part of an FPL audit of the EPU hiring practices

(2) Interview Summary:

- a. The period audited was between December 2007 and April 2008 and looked at hiring practices of the BPU group; during this time EPU management was looking to staff key positions (Site Managers) at Juno, PSL and PTN;
- b. The process followed in hiring was to give preference to Guidant; Guidant would solicit for resumes; resumes would then flow out from Guidant to hiring managers for review; the candidate(s) would be picked by the hiring manager and extended through Guidant;

(3) Conclusions:



1	[REDACTED]
2	c. In October 2008, FPL Internal Audit began an audit of EPU sourcing activities during the December 2007 through the April 2008
3	timeframe; [REDACTED]
4	[REDACTED]
(4) Date Request(s) Generated: No. _____ No. _____ No. _____	
5	(5) Follow-up Required: a. Determine how many evaluators there were and whether evaluations were completed at different times.

\_\_\_\_\_  
Project Manager

(2)

chart  
2

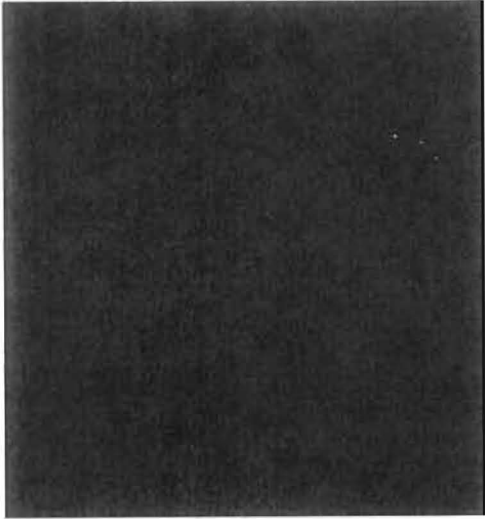
## FPL EPU Contracts Executed To Date

	Date Issued	Contract No.	Contractor	Method of Selection	Original Contract Amount	2008 Spend	Type Payment	Work Description
2	11/3/08	117809	Bechtel	Bid				PTN-Engineering Procurement Construction
3	11/3/08	117820	Bechtel	Bid				PSL-Engineering Procurement Construction
4	12/19/08	118328	TEI	Bid				PTN-Condenser Tubes
5	12/17/08	118206	TEI	Bid				PTN-Moisture Separator Reheaters (8)
6	12/17/08	118205	TEI	Bid				PSL-Moisture Separator Reheaters (4)
7	12/19/08	118241	TEI	Bid				PTN-Feedwater Heaters (4)HP and (20)LP
8	12/17/08	118224	TEI	Bid				PSL-Feedwater Heaters (4)HP
9	12/19/08	118278	TEI	Bid				PSL-Turbine Cooling Water Heat Exchangers (4)
10	10/15/08	116583	Nuclear Logistics, Inc.	Bid				PSL (Nuclear logistics?)
11	12/3/08	116088	Siemens	Single				PSL-High & Low Pressure T/G, exciter, exciter install. Units 1&2
12	12/4/08	116090	Siemens	Single				PTN- High & Low Pressure T/G, generator/exciter upgrades & install.
13	6/16/07	104980	Westinghouse	Single				PSL-NSSS Component & fuels analysis
14	6/16/07	104980	Westinghouse	Single				PTN-NSSS Component & fuels analysis
15	4/22/08	112221	Shaw-Stone & Webster	Single				PSL Licensing, Engineering, & BOP Spec. Devel.
16	4/22/08	112177	Shaw-Stone & Webster	Single				PTN Licensing, Engineering, & BOP Spec. Devel.
17	12/19/08	118271	Westinghouse	Single				PSL-Rod Control System Upgrade
18	11/13/08	117272	American Crane & Equip	Single				PSL-Gantry Crane
19	12/15/08	118003	Tampa Armature Works	Single				PSL- Circulating Water Pumps (2) new (up to 6) refurbishments and parts
20	9/3/08	115465	Proto Power	Single				Engineering Services Turkey Point, NSS, BOP & LAR support
21	5/28/08	105720	AREVA	Single				Neutronics Analysis
22	1/30/08	109843	Siemens	Single				LOI for Generator & Turbine Work for SL1 & 2 and PTN 3 2010-2012
23	7/18/08	105353	Shaw-Stone & Webster	Single				Initial BOP Scoping Support for EPU
24	10/29/08	116796	Cameron	Single				PTN- Ultrasonic Flow Meter Measuring System
25	9/29/08	116107	Cameron	Single				PSL- Ultrasonic Flow Meter Measuring System
26	8/11/08	108876	TSSD	Single				Staff Augmentation
27	7/8/08	114114	Richard Sipos	Single				PSL-PM support-staff augmentation
28	8/20/08	115036	Babcock & Wilcox	Single				PSL-Steam Gen. Component Design Review
29	11/18/08	112228	Westinghouse	Single				PTN-Steam Gen. Services for moisture carryover
30	12/16/08	113030	FPL Seabrook	Single				FPLE personnel supporting FPL Upgrades
31	8/29/08	115391	Numerical Applications I	Single				PSL- Radiological Consequences Analysis
32	9/4/08	115488	Proto-Power	Single				PTN- Pressure Taps & Thermal Perf. Monitoring
33	5/20/08	112987	Numerical Applications I	Single				PTN- Radiological Consequences Analysis
34	12/31/07	100579	FPL Seabrook	Single				Addit. Funding for svcs. of B. Labbe and other support for uprate
35			Total Contract Amount					
36			Total Bid Amount					
37			Percent of Total Contracts					
38			Total Single Source Amount					
39			Percent of Total Contracts					
	1	2	3	4	5	6	7	8

Chart 3



FPL St. Lucie & Turkey Point Uprate Project  
Competitively Bid Contracts Greater Than \$1 Million

	Contractor/ Contract Number	Work	Original Contract Amount	2008 Spend	Type Payment
1					
2	Bechtel 117809	PTN- Engineering Procurement Construction			
3	Bechtel 117820	PSL- Engineering Procurement Construction			
4	TEI 118328	PTN-Condenser Tubes			
5	TEI 118206	PTN-Moisture Separator Reheaters			
6	TEI 118205	PSL-Moisture Separator Reheaters			
7	TEI 118241	PTN-Feedwater Heaters			
8	TEI 118224	PSL-Feedwater Heaters			
9	TEI 118278	PSL-TCW-HXs			
10	Total				
	1	2	3	4	5



FPL Turkey Point 6&7				
Competitively Bid Contracts Greater Than \$1 Million				
Contractor/ Contract Number	Work	Original Contract Amount	2008 Spend	Type Payment
4 Bechtel	COLA/SCA Prep.			
5 CO3				
6 Bechtel	COLA/SCA Prep.			
7 CO6				
8 Bechtel	COLA/SCA Prep.			
9 CO7				
10 Bechtel	COLA/SCA Prep.			
11 CO8				
12 Bechtel	COLA/SCA Prep.			
13 CO9				
14 Total				

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charts



FPL Turkey Point 6&7 Contracts Executed To Date

	Date Issued	Contract/PO	Change Order	Contractor	Method of Selection	Original Amount	2008 Spend	Type Payment	Work Description
1				Bechtel Original					
2	3/10/08	4500395492	2	Bechtel Power, Corp.					COLA/SCA Prep.
3	4/29/08	4500395492	3	Bechtel Power, Corp.					COLA/SCA Prep.
4	5/5/08	4500395492	4	Bechtel Power, Corp.					COLA/SCA Prep.
5	6/26/08	4500395492	5	Bechtel Power, Corp.					COLA/SCA Prep.
6	9/23/08	4500395492	6	Bechtel Power, Corp.					COLA/SCA Prep.
7	9/29/08	4500395492	7	Bechtel Power, Corp.					COLA/SCA Prep.
8	11/25/08	4500395492	8	Bechtel Power, Corp.					COLA/SCA Prep.
9	12/22/08	4500395492	9	Bechtel Power, Corp.					COLA/SCA Prep.
10	1/14/09	4500395492	10	Bechtel Power, Corp.					COLA/SCA Prep.
11	1/28/09	4500395492	11	Bechtel Power, Corp.					COLA/SCA Prep.
12		4500395492	12	Bechtel Power, Corp.					COLA/SCA Prep.
13	1/22/08	4500404639		Westinghouse Electric Co.					COLA Support
14	5/22/08	4500419436		Westinghouse Electric Co.					LLM Manuf. Resv
15	5/23/08	4500425707		HDR Engineering					Concep. Engr. Water
16	6/16/08	4500430034		EPRI					New Nuc Programs
17	10/6/08	4500452285		BVZ Power Partners-Nuc.					Prelim. Engr. & Plan.
18	12/11/08	4500472314		Diversified Drilling					Well Drill & Perf. Test
19	4/28/08	4500421409		Ecological Associates					Bio Assess. Card Sound
20	6/30/08	4500434717		Avirom & Associates					ROW Survey PTN-Levee line
21	8/22/08	4500447075		Optimal Geomatics					ROW LIDAR PTN-Levee line
22	1/3/08	4400002060		Hopping Green					Legal Services
23	1/4/08	4400002071		Pillsbury Winthrop					Legal Services
24	12/1/06			NuStart Energy Development					Membership
25		4500350496	1	Comensura, Inc./Guldant					Contract Labor
26	Total								
27	% Bld								
28	% sole/single								
	1	2	3	4	5	6	7	8	9

chart 6

1	FPL St. Lucie & Turkey Point Uprate Project				
2	Single/Sole Source Contracts Greater Than \$1 Million				
3	Contractor/	Work	Original	2008	Type
4	Contract Number		Contract	Spend	Payment
5			Amount		
6	Siemens	PSL-High & Low Pressure			
7	116088				
8	Siemens	PTN- High & Low Pressure			
9	116090				
10	Shaw-Stone & Webster	PSL Licensing, Engineering			
11	112221				
12	Shaw-Stone & Webster	PTN Licensing, Engineering			
13	112177				
14	American Crane & Equip.	PSL-Gantry Crane			
15	117272				
16	Tampa Armature Works	PSL- Circulating Water Pump			
17	118003				
18	Proto Power	Engineering Services Turkey			
19	115465				
20	Siemens	LOI for Generator & Turbine			
21	109843				
22	Shaw-Stone & Webster	Initial BOP Scoping Support			
23	105353				
24	Cameron	PTN- Ultrasonic Flow Meter			
25	116796				
26	Cameron	PSL- Ultrasonic Flow Meter			
27	116107				
28	Total				

29	FPL Turkey Point 6&7 Project				
30	Single/Sole Source Contracts Greater Than \$1 Million				
31	Contractor/	Work	Original	2008	Type
32	Contract Number		Contract	Spend	Payment
33			Amount		
34	Westinghouse Electric Co.	LLM Manufacturing reserve			
35	4500419436				
36	BVZ Power Partners-Nuc.	Preliminary Engineering & E			
37	4500452285				
38	Hopping Green	Legal Services			
39	4400002060				

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1	Pillsbury Winthrop	Legal Services			
2	4400002071				
3	NuStart Energy Development	Membership Fee			
4	Total				

1 2 3 4 5



DR 1.43

**PREPARED UNDER REQUEST FROM COUNSEL IN ANTICIPATION OF LITIGATION**

**Assignments:**

Coordinator(s) Tiffany Cordes/RAD/FPL

Attorney:

Witness(es): Scroggs

Department(s):

Supporting  
Witness:

Prepared by:

Xref1: (type/xref)

Xref2: (type/xref)

Xref3: (type/xref)

Category:

Q & A

Florida Power & Light Company

Docket No. 090009-EI

FPSC-PTN-Audit-ICDR1

Question No. 43

Page 1 of 1

**WARNING Confidential Document: Information concerning bids or other contractual data has been provided with this response**

**Q.**

Please provide a description and status of any service and/or materials contracts or contract addenda for the new Turkey Point nuclear units project executed in 2008, and/or planned for 2009.

**A.**

Summary provided in attached table

Attachments:

DR43 2-9-09.pdf

Attorney Comments:

Witness comments:

Coordinator Comments:

(1)

Confidential Document?

Y

IF "Y", PLEASE COMPLETE THE FOLLOWING FIELDS:

1. Description of Confidential Document(s):

Bid documents

2. Name of Person Claiming Confidential Document(s):

Scroggs/McBee

3. Reason(s) for Confidential Document(s):

- ☐ Customer-specific information e.g. customer names addresses telephone numbers account numbers ra
- ☐ Employee personnel information unrelated to compensation duties qualifications or responsibilities
- ☒ Information concerning bids or other contractual data
- ☐ Information relating to competitive interests
- ☐ Internal auditing controls
- ☐ Security measures systems or procedures
- ☐ Trade secrets

Last Modified:

Interrogatory Started: no    Status Code:    Order:

2



Contract/PO	CO.	Vendor	Description	Amount	Issued	Status
4500395492	3	Bechtel Power Corp	COLA/SCA Prep		4/29/08	Open- working
4500395492	4	Bechtel Power Corp	COLA/SCA Prep		5/5/08	Open- working
4500395492	5	Bechtel Power Corp	COLA/SCA Prep		6/26/08	Open- working
4500395492	6	Bechtel Power Corp	COLA/SCA Prep		9/23/08	Open- working
4500395492	7	Bechtel Power Corp	COLA/SCA Prep		9/29/08	Open- working
4500395492	8	Bechtel Power Corp	COLA/SCA Prep		11/25/08	Open- working
4500395492	9	Bechtel Power Corp	COLA/SCA Prep		12/22/08	Open- working
4500395492	10	Bechtel Power Corp	COLA/SCA Prep		1/14/09	Open- working
4500395492	11	Bechtel Power Corp	COLA/SCA Prep		1/28/09	Open- working
4500404639	-	Westinghouse Elec Co	COLA Support			Open- working
4500419436	-	Westinghouse Elec Co	LLM Manuf Reser		5/22/08	Closed- compl
4500425707	-	HDR Engineering	Concep Eng Water		5/23/08	Closed- compl
4500430034	-	EPRI	New Nuc Programs		6/16/08	Open- working
4500452285	-	BVZ Pow Partners Nuc	Prelim Eng & Planning		10/6/08	Open- working
4500472314	-	Diversified Drilling	Well Drill & Perf Test		12/11/08	Open- working
4500421409	-	Ecological Associates	Bio assess Card Sound		4/28/08	Open- working
4500434717	-	Avirom & Associates	ROW Survey		6/30/08	Open- working
4500447075	-	Optimal Geomatics	ROW LIDAR		8/22/08	Open- working
4400002060	-	Hopping Green	Legal Services		1/3/08	Open- working
4400002071	-	Pillsbury Winthrop	Legal Services		1/4/08	Open- working

1 2 3 4 5 6 7

(3)



pn 1-44



**PREPARED UNDER REQUEST FROM COUNSEL IN ANTICIPATION OF LITIGATION**

**Assignments:**

Coordinator(s) Tiffany Cordes/RAD/FPL  
;

**Attorney:**

Witness(es): Scroggs

Department(s):

Supporting  
Witness:

Prepared by:

Xref1: (type/xref) FPSC-PTN-Audit-ICDR1

Xref2: (type/xref)

Xref3: (type/xref)

Category:

Q & A  
Florida Power & Light Company  
Docket No. 090009-EI  
FPSC-PTN-Audit-ICDR1  
Question No. 44  
Page 1 of 1

**WARNING Confidential Document: Information concerning bids or other contractual data has been provided with this response**

**Q.**

Provide all contracts in excess of \$100,000 executed for the new Turkey Point nuclear units project since April 2008, and provide a summary describing the scope of work, term of contract, total contract dollars, pricing/costing methodology (T&M, fixed price, fixed w/incentives, etc.) dollars spent to date, contract amendments, and if applicable, copies of single or sole source justification.

**A.**

The documents are available to review at FPL's office.

Summary provided in attached table.

Attachments:

DR44 2-17-09.pdf

Attorney Comments: .

①

Witness comments:

Coordinator Comments:

Confidential Document? **Y**  
IF "Y", PLEASE COMPLETE THE FOLLOWING FIELDS:

1. Description of Confidential Document(s):  
Bid documents
2. Name of Person Claiming Confidential Document(s):  
Scroggs/McBee
3. Reason(s) for Confidential Document(s):

- ☐ Customer-specific information e.g. customer names addresses telephone numbers account numbers ra
- ☐ Employee personnel information unrelated to compensation duties qualifications or responsibilities
- ☒ Information concerning bids or other contractual data
- ☐ Information relating to competitive interests
- ☐ Internal auditing controls
- ☐ Security measures systems or procedures
- ☐ Trade secrets

Last Modified:

Interrogatory Started: no Status Code: Order:

PO	Changes	Vendor	Scope	Term	Total	Pricing	2008 Spend	Award
4500395492	3-11	Bechtel Power Corp	Preparation of COLA/SCA	2007-2011				Comp Bid
4500404639	1	Westinghouse Electric Co	COLA Support	2008-2011				Sole Source
4500419436	-	Westinghouse Electric Co	LLM Manufacturing Reservation	2008				Sole Source
4500425707	-	HDR Engineering	Conceptual Eng of Cooling Water Supply & Discharge	2008				Comp Bid
4500430034	-	EPRI	New Nuclear Programs	2008-2011				Sole Source
4500452285	-	BVZ Power Partners Nuclear	Preliminary Engineering & Planning	2008-2012				Single Source
4500421409	-	Ecological Associates	Biological assessment of Card Sound	2008-2009				Single Source
4500434717	1	Avirom & Associates	Turkey Pt-Levee ROW Survey	2008-2009				Init PO= Comp Bid CO= Single source
4500447075	-	Optimal Geomatics	Turkey Pt-Levee ROW LIDAR	2008-2009				Comp Bid
4400002060	-	Hopping Green	Legal Services	2008-2009				Single Source
4400002071	-	Pillsbury Winthrop	Legal Services	2008-2009				Single Source

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(3)



DR 1.10  
11/10/08





**FPL.**

# **Extended Power Upgrades Bi-Weekly Update (PSL & PTN)**

**November 10, 2008**

## Agenda

- **Regulatory Filings**
  - NRC LARs
  - Environmental
  - Nuclear Cost Recovery
- **PSL Outage Status**
- **Outage Preparations**
  - Milestone Status
  - Inspections
  - Mod Engineering
- **Risk Exposure and Mitigation**
  - Decision making process
  - High & Medium Risks
  - New Risks
- **Long Lead Procurement**
- **Status of Contracts**
- **Cost Tracking**
  - Status & Burn Curves
  - Challenges
- **Staffing**
  - Status
  - Challenges
- **Routine Meetings**



## Regulatory – PSL & PTN LAR

- **LAR for PTN & PSL**
  - Developed integrated Westinghouse and Shaw FPL schedule and Milestones
  - Used for tracking performance
  - Milestones shown in table (next slide)
- **Current Issues**
  - Westinghouse and Shaw manpower staffing
  - PTN Containment Analysis of Record issue



## Regulatory – PTN LAR

### PTN Challenges

- **Current containment peak pressure Analysis of Record for PTN is incorrect due to errors identified in the COCO model (utilizing the current methodology and modeling assumptions, the projected uprate peak pressure would be greater than containment design pressure). Possible solutions are as follows:**
  - Improving the containment initial condition and heat sink modeling assumptions
  - Utilize COBRA/TRAC for LOCA Mass and Energy releases
    - This methodology requires NRC review and approval (currently under NRC Review)
  - A formal Risk Mitigation plan is being developed and will be approved by 11/11/08
- **Potential for excessive steam generator moisture carryover (MCO) at uprated conditions**
  - Predicted MCO in excess of design limit without steam generator modifications (mid-deck plate and separator vane replacement)
  - A formal Risk Mitigation plan has been developed for this issue

## **Safety Analyses mitigation**

- **Identify marginal safety analyses and system/components in advance of performing analyses**
  - Input from Stone & Webster, Westinghouse, Areva and Siemens
  - Lessons learned from Point Beach and other sites
  - “Top Ten” issues list discussed weekly
- **Include in risk matrices with mitigation plans as appropriate**
- **In advance, develop process to communicate analysis issues to various levels of Nuclear Division management based on significance**

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DR 1.10  
11/10/08  
PAGE 6



## Regulatory – PSL & PTN LAR

### PSL & PTN EPU LAR Milestones

LAR Milestones	PSL 1	PSL 2	PTN
<u>W</u> complete Operating Parameter Review	3/1/08 (a)	3/1/08 (a)	3/1/08 (a)
Complete small break LOCA analysis	6/9/09	6/9/09	7/22/09
Complete large break LOCA analysis	6/22/09	7/6/09	7/9/09
<u>W</u> issue NSSS License Section to FPL	6/30/09	6/30/09	8/11/09
SWEC issue BOP License Section to FPL	6/30/09	8/3/09	8/11/09
Complete Sequester Week (s)	7/24/09	8/17/09	9/2/09
FPL Complete Draft License Amendment	7/17/09	8/10/09	9/14/09
Complete Site Review License Amendment	8/14/09	9/08/09	10/05/09
Complete Corporate Review License Amendment	8/21/09	9/15/09	10/28/09
Submit LAR to NRC	9/1/09	10/1/09	12/1/09



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DR 1.10  
11/10/08  
PAGES 8-9

## Regulatory - Environmental

### Environmental - SCA Status

- **PSL Order Issued on 9/17/08**
  - Change Management Plan issued to implement new requirements.
  - A Matrix has been prepared to capture the Conditions of Certifications.
- **PTN Order Issued on 10/29/08**
  - FPL now has 180 days to develop a new South Florida Water Management (SFWMD) agreement for the monitoring of the cooling canals.
  - Miami Dade County and Florida Department of Environmental Protection will participate in the discussions of the new agreement and approval.
  - Change Management Plan in development.
  - A Matrix is being prepared to capture the Conditions of Certifications.

## Regulatory – Cost Recovery

### Nuclear Cost Recovery

Schedules and Petition filed	5/1/08 (a)
Discovery begins	5/2/08 (a)
Intervener Testimony	7/23/08 (a)
Staff Testimony	8/6/08 (a)
Rebuttal Testimony	8/21/08 (a)
Discovery Completed	9/3/08 (a)
Hearings	*9/11/08, 9/12/08, 9/17/08, 9/18/08(a)
Staff Recommendations	10/02/08(a)
Issue Order	**10/14/08(a)
2008 True-up filing	3/1/09

- Only one hearing session required

\*\* Full requested dollar amount approved for recovery by unanimous Commissioner vote



## Outage Inspections – Required for Prep of mod packages

### PSL1-22

- **Inspection Scope:**
  - Condenser and Water boxes
  - Main Generator, PTs, and CTs
  - Voltage Regulator Cabinet
  - 6.9KV and 480V Switchgear
  - Conduit and cable trays
  - Iso-phase Coolers
  - EHC Pumps
  
- **Completed; No issues identified**

# Outage Milestones

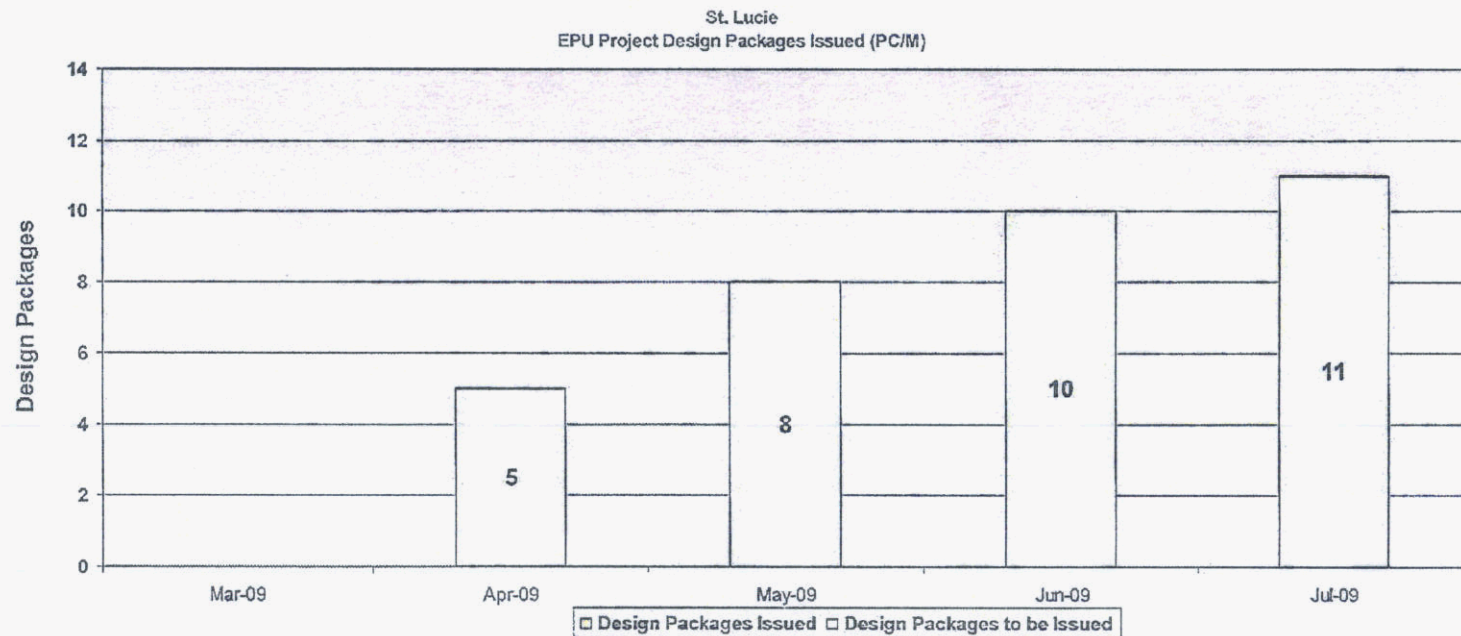
St. Lucie													
PSL U1R23 Spring 2010													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	5 Sep 08	-12M	5 Jul 09	-6M	5 Oct 09	-6M	5 Oct 09	-3M	4 Jan 10	-2M	5 Feb 10	-3M 5 Jan 10
		12 Sep 08 (A)		5 Jul 09		25 Jun 09		10 Jul 09		19 Aug 09		3 Feb 10	5 Jan 10
PSL U1R24 Fall 2011													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	1 Mar 10	-12M	1 Oct 10	-6M	1 Apr 11	-6M	1 Apr 11	-3M	1 Jul 11	-2M	1 Aug 11	-3M 1 Jul 11
		1 Mar 10		23 Apr 10		26 Jul 10		20 Apr 10		4 Jun 10		2 Jun 11	1 Jul 11
PSL U2R19 Fall 2010													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	15 Apr 09	-12M	15 Nov 09	-6M	15 May 10	-6M	15 May 10	-3M	15 Aug 10	-2M	15 Sep 10	-3M 15 Aug 10
		15 Apr 09		10 Nov 09		2 Feb 10		15 Dec 09		22 Dec 09		31 Aug 10	15 Aug 10
PSL U2R20 Spring 2012													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	1 Oct 10	-12M	1 May 10	-6M	1 Nov 11	-6M	1 Nov 11	-3M	1 Feb 12	-2M	1 Mar 12	-3M 1 Feb 12
		1 Oct 10		30 Jun 10		22 Sep 10		25 Jun 10		11 Aug 10		31 Oct 11	1 Feb 12
Turkey Point													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B" ("Recovery Milestones")		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site ("Recovery Milestones")		Ready To Work
Schedule	-18M	27 Feb 09	-12M	26 Dec 09	-6M	27 Mar 10	-6M	27 Mar 10	-3M	27 Jun 10	-3M	29 Jun 10	-3M 27 Jun 10
		26 Feb 09		22 Dec 09		22 Feb 10		17 Dec 09		2 Feb 10		* 9 Sep 10	26 Jun 10
PTN U3R26 Spring 2012													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	6 Aug 10	-12M	6 Sep 10	-6M	6 Sep 11	-6M	6 Sep 11	-3M	6 Dec 11	-3M	6 Dec 11	-3M 6 Dec 11
		9 Aug 10		29 Aug 10		5 Sep 11		5 Sep 11		5 Dec 11		5 Dec 11	5 Dec 11
PTN U4R26 Spring 2011													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	26 Sep 09	-12M	26 Apr 10	-6M	26 Oct 10	-6M	26 Oct 10	-3M	26 Jan 11	-3M	26 Jan 11	-3M 26 Jan 11
		25 Sep 09		30 Mar 10		22 Jun 10		25 Oct 10		25 Jan 11		11 Jan 11	25 Jan 11
PTN U4R27 Fall 2012													
Target	Identify Outage Scope		Complete Design Changes		Issue Outage Schedule Rev "B"		All Work Packages Complete		All Procedures Completed / Approved		All Material On Site		Ready To Work
Schedule	-18M	23 Mar 11	-12M	23 Apr 11	-6M	23 Apr 12	-6M	23 Apr 12	-3M	23 Jul 12	-3M	23 Jul 12	-3M 23 Jul 12
		22 Mar 11		2 Dec 10		22 Apr 12		22 Apr 12		22 Jul 12		1 Jun 12	22 Jul 12

Schedule is not past Target.  
 Schedule is past Target and can Recover.  
 Schedule is past Target and no possible Recovery.



# Outage Milestones

## Mod Package Development

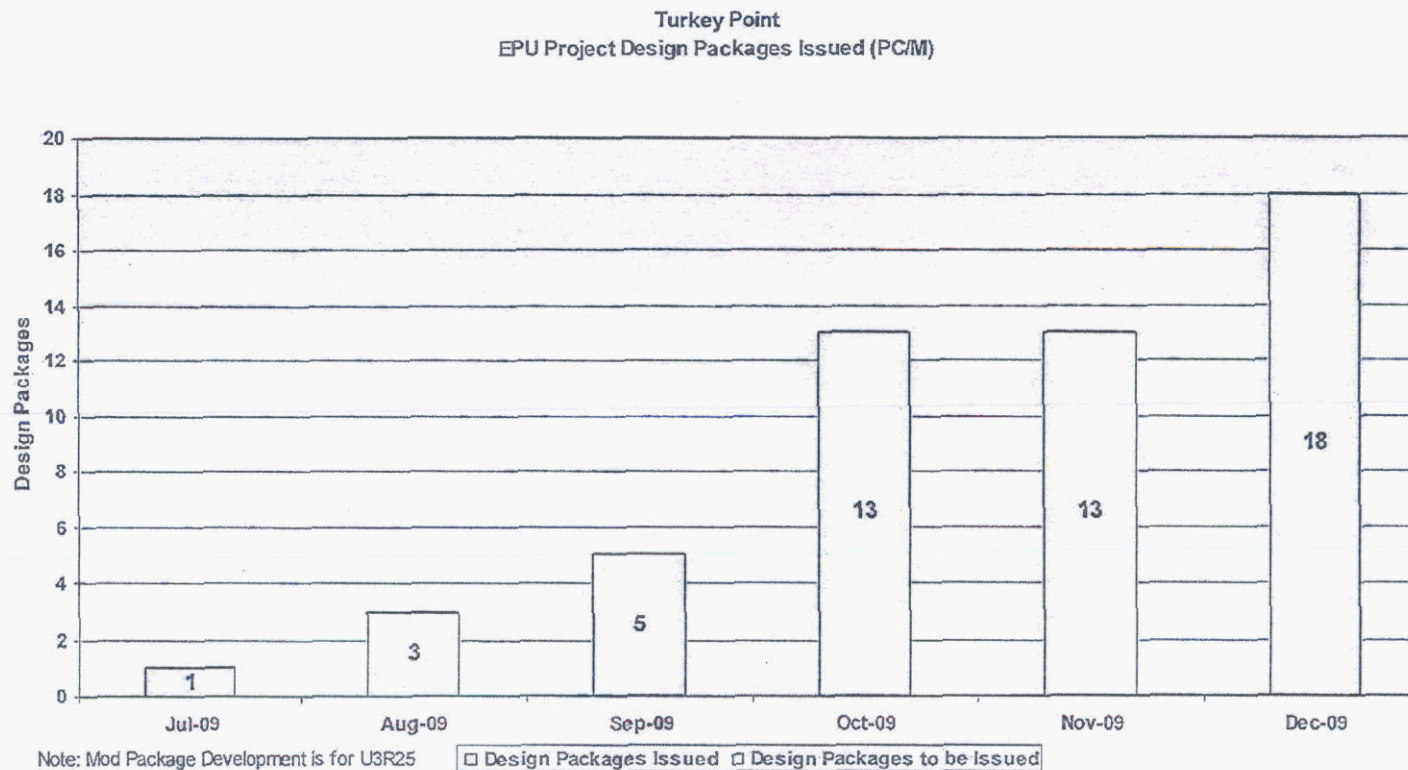


Note: Design Package development is for U1R23 (Spring 2010) only.



## Outage Milestones

### Mod Package Development



## Risk – Decision Making Process

- All project personnel are encouraged to identify potential risks to the project
- The Risk is assessed by the EPU management team utilizing the impact assessment tool below:

Probability Impact Diagram														
Impact									Impact Level	Probability				
MW Output	In-Year Cost	Economic	Programmatic	Safety	Security	Legal	Reputation	Environment		<5%	>5% <20%	>20% <50%	>50% <80%	>80%
										Very Unlikely	Unlikely	Possible	Likely	Very Likely
No loss	Increase <3% or <\$1k	<\$50k	Minimal consequences. No effect on Critical Path.	Near Miss	Minor Regulation Breach. No Reporting Required	Corrupting Statement	Minor Local Reputational Damage	Short Term Local Damage	Negligible	VERY LOW	VERY LOW	LOW	LOW	MEDIUM
Loss <1MW/e	Increase >3%, <5% or >\$1k, <\$1	>\$50k, <\$250k	Moderate threat, may require minor redesign or rework. Minor impact to Critical path immediate milestones but no impact on completion milestones.	Multiple Near Misses	Regulation Breach. Reporting Not Formally Required	Small Fine	Major Local Reputational Damage	Short Term Regional Damage	Marginal	VERY LOW	LOW	LOW	MEDIUM	MEDIUM
Loss 1-2MW/e	Increase >5%, <10% or >\$1k, <\$5k	>\$250k, <\$1m	Significant threat, would require redesign or significant remediation. Critical Path is impacted but completion milestone may be recovered at significant cost.	Minor Injury	Reportable Breach. May Result in Prosecution	Medium Fine	National Adverse Media Coverage	Long Term Local Damage	Significant	LOW	LOW	MEDIUM	HIGH	HIGH
Loss 2-5MW/e	Increase >10%, <15% or >\$5k, <\$100k	>\$1m, <\$10m	Technical Goals cannot be achieved. Serious threat to people, environment, regulatory requirements. Site or company strategic goals will not be met. Excessive schedule slip affects site.	Major Injury	Reportable Breach. Resulting in Probable Prosecution	Large Fine	International Adverse Media Coverage <1yr	Long Term Widespread Damage	Critical	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
Loss >5MW/e	Increase >15% or >\$100k	>\$10m	Project cannot be completed. Cost estimates are unacceptable. Catastrophic threat to mission, environment or people.	Loss of Life	Reportable Breach. Resulting in Prosecution	Criminal Charges	International Adverse Media Coverage >1yr	Widespread Permanent Damage	Crisis	MEDIUM	HIGH	HIGH	VERY HIGH	VERY HIGH

- A Management Owner and Mitigation Manager are assigned to develop mitigation plans and implement strategy
- High Risks require a formal plan reviewed and approved by the Risk Owner and Director, EPU Project

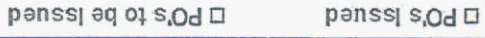
# REDACTED

DR 1.10  
11/10/08  
PAGES 17-20



## Saint Lucie

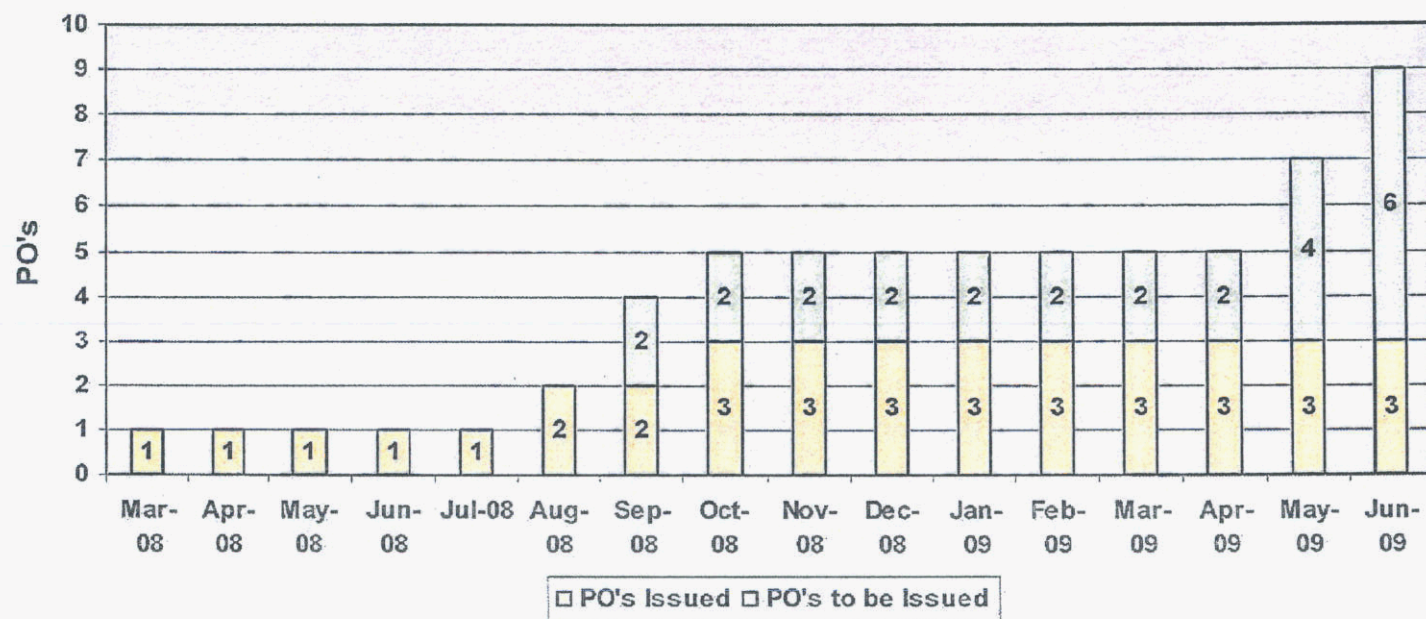
EPU Project Long Lead Equip. Procurement (PO's)



# Long Lead Procurement

## Turkey Point

Turkey Point  
EPU Project Long Lead Equip. Procurement (PO's)



# REDACTED

DR 1.10  
11/10/08  
PAGES 23-27



# Long Lead Procurement



## SAINT LUCIE Major BOP Long Lead Equipment Milestones

EXTI  
UPR

Equipment	BID SPEC				RFP		CONFORM SPEC				FABRICATION			SHIP and DELIVER				
Proj Mgr [Proj Engr]	Draft (SWEC)	Rev'd (PPL)	Issued (SWEC)	Approved (PPL)	Issued	Bids Submitted	Bids Eval'd	Draft (SWEC)	Rev'd (PPL)	Costs Incorp'd	Rev'd By Vendors	Contract Issued	Start Fab	Comp Fab	FAT Comp	Start Ship	Equip Onsite	Mail Staged
Unit PSL1	Baseline date: 2/7/2008																	
Outage ID: 1R23	Outg Date: 4/5/2010																	
HP FW Hrs SPECS	KELLY	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
Exciter GRELCH	SHERMAN	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
Gen H2 Cfs GRELCH	SHERMAN	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
Gen Stator GRELCH	SHERMAN	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
Main Gen Mod GRELCH	SHERMAN	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
C P 6.9KV SWGR HOGE	CLARK	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
TCW HX BROUWER	KELLY	1/19/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008	2/14/2008
Outage ID: 1R24	Outg Date: 10/12/2011																	
LP Turbine																		
MSR Replacement																		
HP Turbine CLARK																		
FW Pp & Mtrs DYBERT																		
LEFM (MUR) TEO																		
Htr Dm Pmp & Mtr Repl KELLY																		
DEH CompPps HOGE																		
ADV Vns / Trim BROUWER																		
FW Reg Valves BROUWER																		
HD Cml Vns HOGE																		
HD Dig Mds HOGE																		

Current date shown; notes or before Baseline date, or in progress.  
Baseline date on Top, Current date on bottom (recovery is possible).  
Baseline date on Top, Current date on bottom (recovery not possible).

On Schedule	Green
At Risk	Yellow
Red	Red

On Schedule Green  
At Risk Yellow  
Missed Red

Current date shown; dates or dates Baseline date, or is complete.  
Baseline date on Top, Current date on bottom (recovery is possible).  
Baseline date on Top, Current date on bottom (recovery not possible).





# Long Lead Procurement



## SAINT LUCIE Major BOP Long Lead Equipment Milestones

EXT  
UPI

Equipment Proj Mgr   Proj Engr	BID SPEC					RFP			CONFORM SPEC					FABRICATION				SHIP and DELIVER		
	Draft (SWEC)	Rvw'd (FPL)	Cmts Rel'd	Issued (SWEC)	App'd (FPL)	Issued	Bids Subm'd	Bids Eval'd	Draft (SWEC)	Rvw'd (FPL)	Cmts Incorp'd	Rvw'd By Vendors	Cmts Incorp'd	Contract Issued	Start Fab	Fab Comp	FAT Comp	Start Ship	Equip OnSite	Mod Staged
Unit: PSL1 Outage ID: 1R24 Baseline date: 3/7/2008 Out Date: 10/1/2011																				
MSIV	01/22/07	06/11/07	06/01/08	06/02/08	06/05/07	03/23/08	10/21/08	11/24/08	11/25/08	11/25/08	12/02/08	12/16/08	12/25/08	01/06/09	01/13/09	04/02/09	04/27/09	05/04/10	05/05/10	08/01/10
HOCE TBO	12/23/08	01/06/09	01/07/09	01/28/09	01/28/09	02/16/09	03/10/09	04/01/09	04/23/09	05/05/09	05/13/09	05/27/09	06/02/09	06/17/09	06/24/09	10/07/09	10/07/09	10/13/10	10/14/10	10/16/10
Unit: PSL2 Outage ID: 2R19 Baseline date: 3/7/2008 Out Date: 11/15/2010																				
C P 6.9KV SWGR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	12/16/08	02/17/09	08/01/09	10/12/09	12/01/09	10/12/10
HP FW Hrs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	12/02/08	12/16/08	12/25/08	12/25/08	01/06/10	12/01/10
TCW HX	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	12/16/08	12/25/08	12/25/08	12/25/08	01/06/10	12/01/10
MSR Replacement OVSERT CORNEL	11/06/07	04/08/08	03/23/08	03/26/08	06/05/08	05/23/08	06/11/08	06/17/08	07/11/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08
LP Turbine SPOS CORNEL	01/04/08	01/22/08	03/21/08	03/21/08	03/23/08	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08	07/15/08
Outage ID: 2R20 Out Date: 5/1/2012																				
ADV Vibs / Trim	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/23/08	09/07/08	09/14/08	09/15/08	07/14/10	02/02/12
DEH ComplPps	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
Exciter	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
FW Pp & Mtrs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
FW Reg Valves	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
Gen H2 Cirs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
Gen Stator	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
HD Cntl Vibs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
HD Dig Mods	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
HP Turbine	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12
Htr Dm Pmp & Mtr Repl	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	05/04/08	05/23/08	05/23/08	05/23/08	05/23/08	02/02/12

On Schedule	Green	Current date shown; meets or better Baseline date, or is complete.
At Risk	Yellow	Baseline date on Top, Current date on bottom (recovery is possible).
Missed	Red	Baseline date on Top, Current date on bottom (recovery not possible).



**TOP**

**EXTI**



# Long Lead Procurement



## TURKEY POINT Major BOP Long Lead Equipment Milestones

EXT  
UPI

Equipment	BID SPEC				RFP				CONFORM SPEC				FABRICATION				SHIP AND DELIVER			
	Draw	Rev'd	Chgd	Issued	Draw	Rev'd	Chgd	Issued	Draw	Rev'd	Chgd	Issued	Draw	Rev'd	Chgd	Issued	Draw	Rev'd	Chgd	Issued
Proj Mgr   Proj Engr	(SWEC)	(FPL)	(SWEC)	(FPL)	Draw	(SWEC)	(FPL)	Draw	(SWEC)	(FPL)	(SWEC)	(FPL)	Draw	(SWEC)	(FPL)	Draw	(SWEC)	(FPL)	(SWEC)	(FPL)

Unit PTN																			
Outage ID: 0111										Outage Date: 5/2/2008									

Unit PTN																			
Cond Pumps										Outage Date: 9/26/2010									
Cond Pumps	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Excilor Cirs																			
Excilor Cirs	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Gen H2 Cirs																			
Gen H2 Cirs	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Gen Rv																			
Gen Rv	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

FW Reg Vhrs																			
FW Reg Vhrs	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

FW Iso Vhrs																			
FW Iso Vhrs	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Cts & Bshngs																			
Cts & Bshngs	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Order Replacement																			
Order Replacement	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

HP FW Hrs (6)																			
HP FW Hrs (6)	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

LP FW Hrs (12)																			
LP FW Hrs (12)	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

LP FW Hrs (3.45)																			
LP FW Hrs (3.45)	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

CTMT Cing																			
CTMT Cing	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

ICW LTPCW																			
ICW LTPCW	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

PSV LS Rmvl																			
PSV LS Rmvl	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Outage ID: 3R26																			
Outage ID: 3R26	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

EHC																			
EHC	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

On Schedule																			
On Schedule	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

At Risk																			
At Risk	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08

Missed																			
Missed	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08	11/13/08





# Long Lead Procurement



## TURKEY POINT Major BOP Long Lead Equipment Milestones

EXT  
UPI

Equipment		BID SPEC					RFP			CONFORM SPEC					FABRICATION				SHIP and DELIVER			
Proj Mgr   Proj Engr		Draft (SPEC)	Rvw'd (FPL)	Cmts Rsh'd	Issued (SPEC)	Apprv'd (FPL)	Issued	Bids Subm'd	Bids Eval'd	Draft (SPEC)	Rvw'd (FPL)	Cmts Inscr'd	Rvw'd By Vendors	Cmts Inscr'd	Apprv'd	Contract Issued	Start Fab	Fab Comp	FAT Comp	Start Ship	Equip OnSite	Matl Staged
Unit PT13		Baseline date: 5/2/2008																				
Outage ID: 3R26		Outg Date: 3/5/2012																				
Mn Xfmr	na	na	na	na	10/2/05A	09/25/05	09/18/05	02/04/06	01/21/06	01/20/06	na	na	na	na	12/28/08	12/15/08	02/04/09	03/25/11	03/29/11	03/30/11	04/27/11	02/05/12
S/G MCO Upgrade	na	na	na	na	na	05/28/05	05/23/05	01/07/06	01/03/06	01/03/06	02/04/06	02/14/06	02/21/06	02/21/06	02/21/06	02/19/09	04/19/09	05/14/10	05/19/10	05/19/10	05/25/12	02/05/12
MSR Rplcmnt	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
HP Turb, Hi-Lit & Actuators	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
FW Pp & Mtrs	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
MSIV Upgrade	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
LEFM (MUR)	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Turb. Digital Controls	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Cndsr Stm Dmp	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
MSSV Relief Valves	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Unit PT14		Baseline date: 5/2/2008																				
Outage ID: 4R26		Outg Date: 4/25/2011																				
Cndsr Replacement	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
CTMT Cing	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
CTs & Bushings	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Exciter Cirs	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
FW Iso Vlvs	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
FW Reg Vlvs	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Gen H2 Cirs	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
Gen Rtr	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	06/20/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09	06/17/09
On Schedule	Green	Current date shows; meets or better Baseline date, or is complete.																				
At Risk	Yellow	Baseline date on Top, Current date on bottom (recovery is possible).																				
Mixed	Red	Baseline date on Top, Current date on bottom (recovery not possible).																				

On Schedule Green  
At Risk Yellow  
Missed Red

Current date shows; meets or better Baseline date, or is complete.  
Baseline date on Top, Current date on bottom (recovery's poss. i.e.).  
Baseline date on Top, Current date on bottom (recovery not possible).





# Long Lead Procurement



## TURKEY POINT Major BOP Long Lead Equipment Milestones

EXT  
UPI

Equipment		BID SPEC					RFP		CONFORM SPEC						FABRICATION				SHIP and DELIVER			
Proj Mgr	Proj Engr	Draft (SWEC)	Rvw'd (FPL)	Cmts Rsv'd	Issued (SWEC)	Apprv'd (FPL)	Issued	Bids Subm'd	Bids Eval'd	Draft (SWEC)	Rvw'd (FPL)	Cmts Incorp'd	Rvw'd By Vendors	Cmts Incorp'd	Apprv'd	Contract Issued	Start Fab.	Fab Comp	FAT Comp	Start Ship	Equip OnSite	Mtst Staged
Unit PT14		Baseline date: 5/2/2008																				
Outage ID: 4R26		Outg Date: 4/25/2011																				
HP FW Htrs (6)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	04/13/09	03/02/10	04/01/10	04/12/10	04/03/10	03/03/11
ICW 1 TPCW		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	08/13/09	09/03/09	11/04/09	12/09/09	03/05/11	03/05/11
LP FW Htrs (3,4,5)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	04/17/09	04/14/10	04/16/10	04/16/10	03/05/11	03/05/11
PSV LS Rmvl		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	03/23/09	03/05/10	03/05/10	03/18/10	03/05/11	03/05/11
Outage ID: 4R27		Outg Date: 10/22/2012																				
Cond Str Dmp		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	12/21/09	06/11/10	06/15/10	07/14/10	07/14/10	09/03/12
EHC		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/17/09	03/12/10	03/15/10	03/17/10	03/17/10	09/03/12
FW Pp & Mtrs		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/23/09	06/24/11	06/26/11	06/27/11	07/16/11	09/03/12
HP Turb. Hi-Lift Actuators		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	09/20/09	09/20/10	10/04/10	11/01/10	11/01/10	09/03/12
LEFM (MUR)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	03/02/09	12/02/09	12/02/09	12/03/09	12/03/09	09/03/12
Mn Xfmr		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/12/09	04/15/11	04/19/11	05/10/11	05/10/11	09/03/12
MSV Upgrade		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/23/09	07/07/10	09/04/10	09/04/10	09/04/10	09/03/12
MSR Rpicmnt		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/23/09	03/03/10	10/07/10	10/08/10	11/04/10	09/03/12
MSRV Relief Valves		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	07/14/09	09/17/10	10/20/10	09/04/12	09/04/12	09/03/12
S/G MCO Upgrade		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	03/19/10	01/24/11	01/25/11	02/03/11	02/03/11	09/03/12
Turb. Digital Controls		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	01/05/10	03/02/11	03/03/11	03/03/11	04/20/11	09/03/12
Unit PT10		Baseline date: 5/2/2008																				
Outage ID: OL11		Outg Date:																				
Alt SFP Cing		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/13/09	03/14/11	03/17/11	03/17/11	04/28/11	09/03/12
Cond Pp & Mtrs		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	06/13/09	06/05/10	06/05/10	06/07/11	07/05/11	09/03/12

On Schedule	Green	Current date shows: meets or better Baseline date, or is complete.
At Risk	Yellow	Baseline date on Top. Current date on bottom (recovery is possible).
Missed	Red	Baseline date on Top. Current date on bottom (recovery not possible).

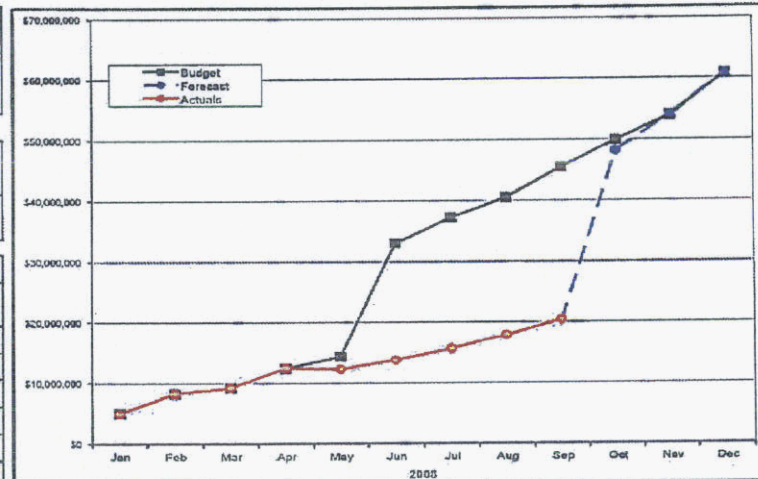




# Costs

## Saint Lucie

PSL Extended Power Uprate (EPU) Project						
Account #:066730						
Data As Of: 09/30/08						
Budget Forecast	X					
	Green	White	Yellow	Red		
Indicator Criterion	Within budget, forecast to remain within budget	Forecast budget over/under 0% to 5% of actual	Forecast budget over/under 5% to 10% of actual	Forecast budget over/under 10% of actual	Cost status is based on the current approved Project funding. Status will be reset upon approval of additional funding as applicable.	
Total Project Cost Summary						
By Year	Prior Year Actuals	2008	2009	2010	Future Yrs	Total
Engineering	-	16,988,787	58,705,089	45,884,124	70,375,436	191,953,436
Material	-	33,632,111	35,501,945	60,060,064	101,700,219	240,894,339
Implementation	-	757,332	2,797,473	56,020,000	70,540,076	130,114,881
FP & L	-	9,325,334	19,248,600	25,855,281	30,767,135	95,196,350
Contingency	-	-	-	-	-	-
Total	-	60,711,663	116,252,607	196,035,469	281,091,606	654,091,345



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary		
2008 Annual Budget (includes approved scope changes)															
Monthly Total	4,976,544	3,230,513	953,525	3,109,988	2,060,000	18,640,000	4,192,337	3,750,332	4,025,332	4,458,332	4,054,332	5,797,332	Te-Date	Te-Ge	Total
Cumulative Total	4,976,544	8,207,057	9,160,583	12,330,571	14,390,571	33,030,571	37,222,903	40,973,235	44,998,567	49,456,899	53,511,231	59,308,563	46,408,667	15,310,396	60,711,663
2008 Forecast															
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Te-Date	Te-Ge	Total
Engineering	2,628,475	544,857	313,416	2,856,521	(812,592)	665,087	1,179,192	1,352,132	1,591,609	1,870,000	2,500,000	2,200,000	10,318,787	6,670,000	16,988,787
Material	1,167,500	2,450,250	-	-	-	33,750	-	-	114,400	24,500,975	2,042,160	3,312,075	3,774,900	29,864,210	33,639,111
Implementation	61,536	12,101	68,007	20,747	74,155	64,215	67,244	8,317	45,009	110,000	120,000	90,000	437,332	320,000	757,332
FP & L	1,009,825	323,514	572,102	276,720	606,591	684,172	683,450	867,147	807,423	1,180,000	1,300,000	1,070,390	6,825,944	3,600,390	9,325,334
Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	4,867,336	3,339,722	963,626	3,169,988	(131,846)	1,447,234	1,929,887	2,222,596	2,658,531	27,748,975	5,263,160	6,622,465			
Cumulative Total	4,867,336	8,207,057	9,160,583	12,330,571	12,198,725	13,645,949	15,575,836	17,798,432	20,366,963	48,125,938	53,390,098	59,308,563	20,366,963	40,384,608	60,711,663

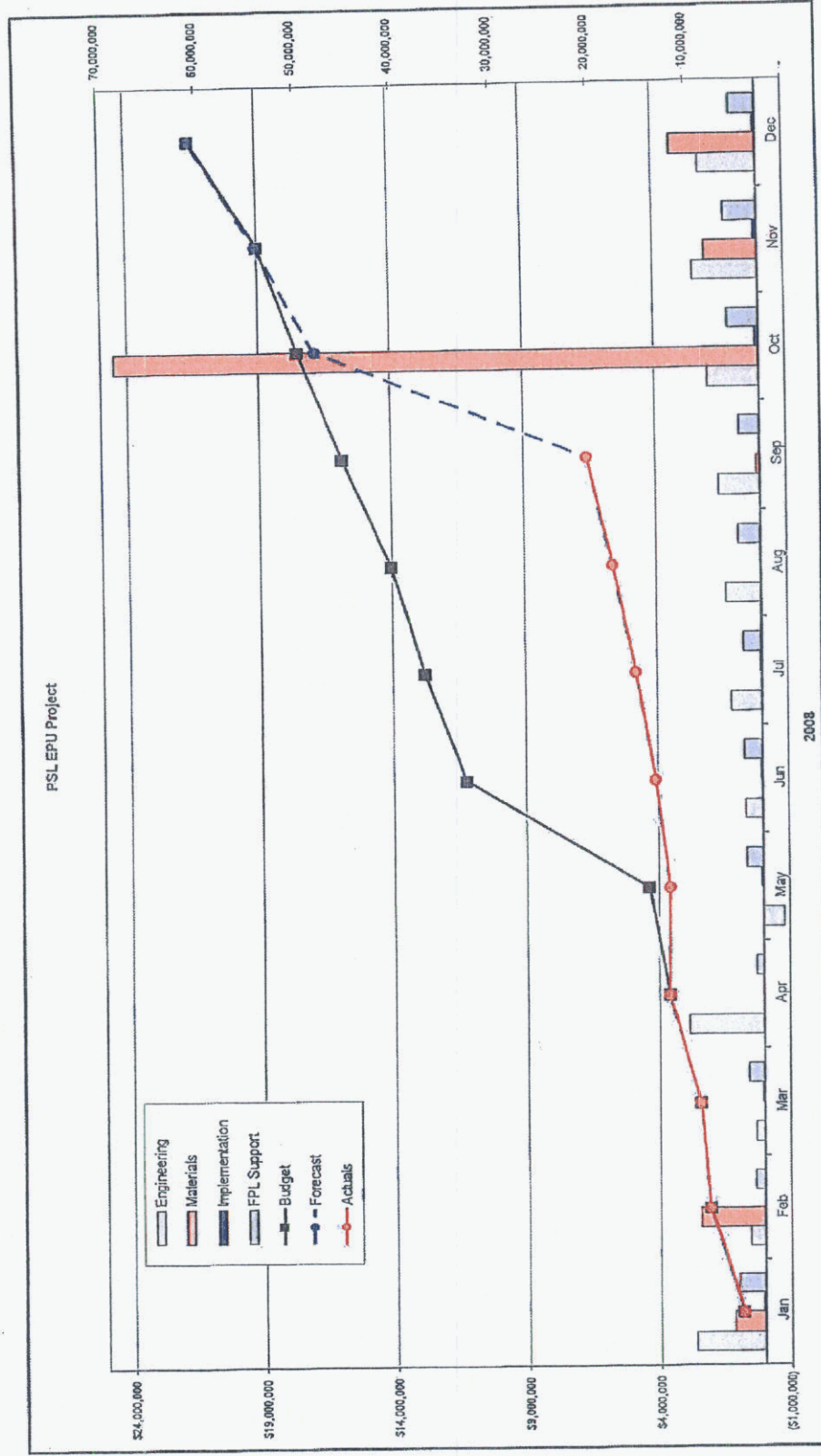
October 2008 forecasted activities:

Siemens \$17.229M (Contract award for Turbine Generator)

2008 Actuals															
Engineering	2,628,475	544,857	313,416	2,856,521	(812,592)	665,087	1,179,192	1,352,132	1,591,609	-	-	-	10,318,787	-	10,318,787
Material	1,167,500	2,450,250	-	-	-	33,750	-	-	114,400	-	-	-	3,774,900	-	3,774,900
Implementation	61,536	12,101	68,007	20,747	74,155	64,215	67,244	8,317	45,009	-	-	-	437,332	-	437,332
FP & L	1,009,825	323,514	572,102	276,720	606,591	684,172	683,450	867,147	807,423	-	-	-	6,825,944	-	6,825,944
Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	4,867,336	3,339,722	963,626	3,169,988	(131,846)	1,447,234	1,929,887	2,222,596	2,658,531	-	-	-		-	
Cumulative Total	4,867,336	8,207,057	9,160,583	12,330,571	12,198,725	13,645,949	15,575,836	17,798,432	20,366,963	-	-	-	20,366,963	-	20,366,963

# Costs

## Saint Lucie





# Costs

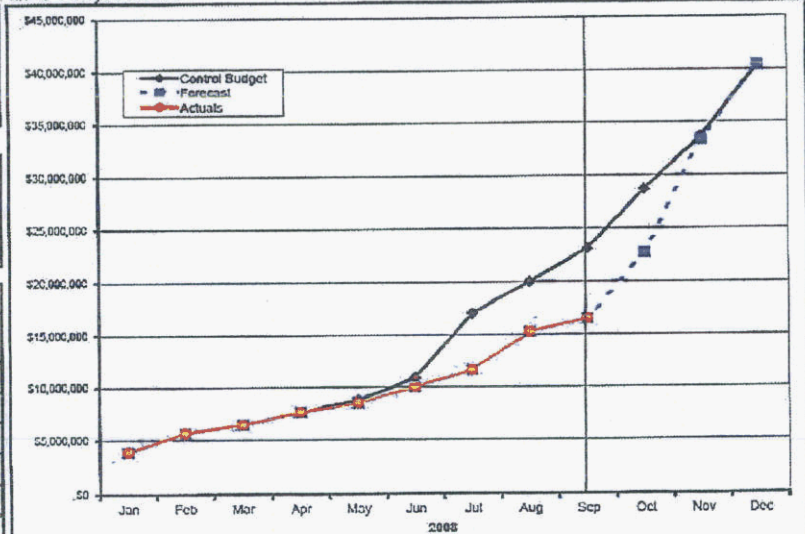
## Turkey Point

Total Project Cashflow  
PTN EPU Project 2008

PTN Extended Power Uprate (EPU) Project  
  
Account #:066730  
Data As Of: 09/30/08

Budget Forecast	X			
	Green	White	Yellow	Red
Indicator Criterion	Within budget, forecast to remain within budget	Forecast budget over/under/undrun < 5% of actual	Forecast budget over/under/undrun between 5% and 10%	Forecast budget over/under/undrun > 10%

Total Project Cost Summary						
By Year	Prior Year Actuals	2008	2009	2010	Future Yrs	Total
Engineering	-	15,547,130	30,300,000	3,000,000	-	48,847,130
Material	-	8,476,589	43,460,000	71,938,439	36,406,813	210,281,841
Implementation	-	3,028,565	18,616,000	59,628,030	230,770,231	342,042,616
FP & L	-	13,353,007	30,106,172	32,753,710	67,439,979	143,652,868
Contingency	-	-	-	-	-	-
Total	-	40,405,291	122,482,172	197,320,969	364,617,023	744,825,455



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary
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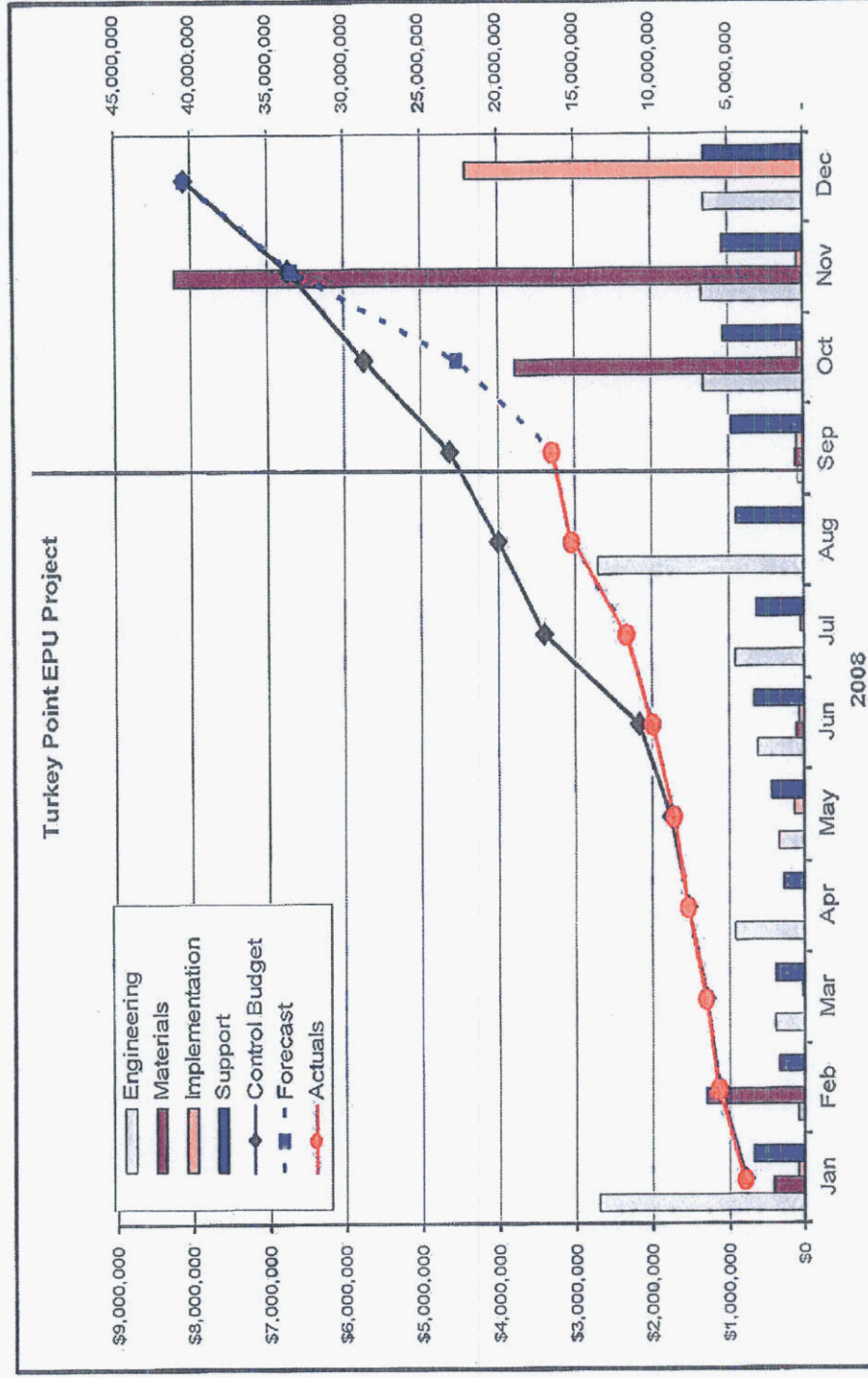
2008 Annual Budget (includes approved scope changes)													
Monthly Total	3,895,224	1,751,943	790,443	1,197,412	1,131,956	2,120,286	6,075,666	3,011,915	3,111,915	5,574,910	4,948,408	6,795,213	To-Date
Cumulative Total	3,895,224	5,647,167	6,437,610	7,635,022	8,766,978	10,887,264	16,962,930	19,974,845	23,086,760	28,661,670	33,610,078	40,405,291	To-Go
Total													40,405,291

2008 Forecast													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Engineering	2,709,000	86,490	386,972	911,666	325,247	610,931	914,105	2,596,096	89,475	1,320,024	1,335,782	1,206,739	12,697,130
Material	467,653	1,315,750	-	547	-	116,290	-	-	106,000	3,771,066	8,214,000	-	13,933,656
Implementation	90,755	15,671	26,790	19,648	134,522	63,286	43,990	15,100	95,685	81,645	4,413,123	-	5,081,360
FP & L	687,616	331,132	376,493	265,551	430,405	667,240	626,990	890,191	966,607	1,062,022	1,073,775	1,316,117	8,683,143
Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	3,895,224	1,751,943	790,443	1,197,412	890,174	1,467,308	1,583,692	3,683,390	1,229,768	6,234,758	10,705,202	7,035,579	40,405,292
Cumulative Total	3,895,224	5,647,167	6,437,610	7,635,022	8,525,196	9,992,503	11,566,195	15,169,585	16,429,353	22,664,111	33,369,313	40,405,292	

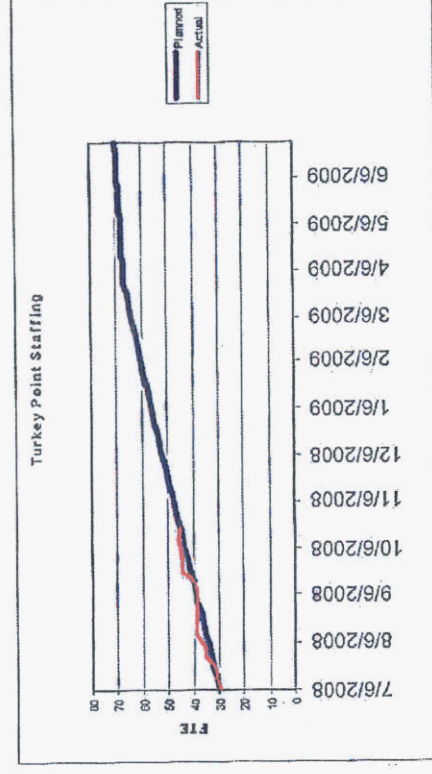
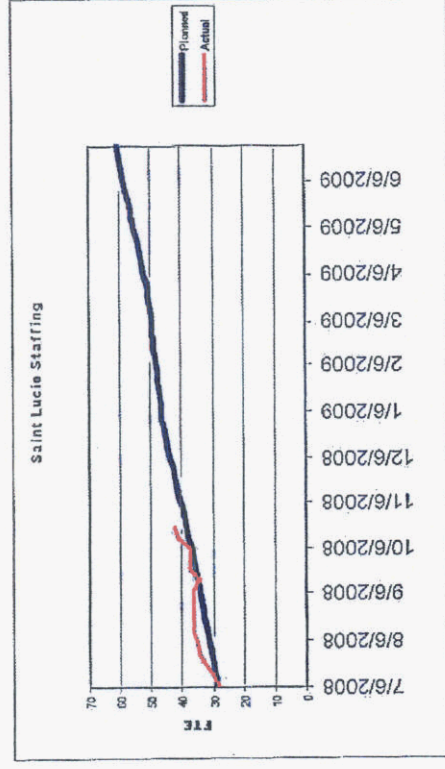


# Costs

## Turkey Point



## EPU Staffing



## Challenges

- Need Key Station personnel (e.g. Operations, Training, Maintenance) assigned to the project

Proprietary & Confidential Information

# REDACTED

DR 1.10  
11/10/08  
PAGES 39-44



# EPU Routine Meetings

EPU Core Team Standing Meeting Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
8:30 - 9:00 am Site Daily Call	8:30 - 9:00 am Site Daily Call	8:30 - 9:00 am Site Daily Call	8:30 - 9:00 am Site Daily Call	8:30 - 9:00 am Site Daily Call
10:00 - 11:30 pm Contracts Administration Weekly Meeting Chairman: M. Jaeger	9:00 - 11:00 am Site Schedule Meetings (Site leads for FPL, VL, Supervisors) Chairman: Site Project Manager			
1:00 - 2:30 PM Licensing & Engineering (Vendor & Site Engineering) Chairman: S. Hale	3:00 - 5:00 pm EPU Strategy Meeting (Specialty Topics/Issues) Chairman: B. Labbe	3:00 - 4:30 PM Risk Management & OE Assessment Chairman: B. Ball	11:30 - 12:15 pm ISC Interface Meeting Chairman: R. Kundalkar	
3:00 - 4:30 pm Project Controls Meeting (Cost & Scheduling) Chairman: J Saba		EPU Schedules due by 4:00pm		EPU Schedules published by 12:00pm

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**FPL.**

# **Extended Power Uprates Executive Steering Committee Meeting Saint Lucie & Turkey Point**

**July 31, 2008**



## Agenda

- **Plans & Targets**
- **Costs & Budget Summary**
- **Regulatory**
- **Engineering Evaluations**
- **Grid Study**
- **Vendor Strategy**
- **Project Highlights**
- **Next Steps**
- **Risk Exposures & Mitigation**
- **Staffing**
- **Key Performance Indicators**

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## Plans & Targets

### Saint Lucie

	PROFORMA		FORECAST	
	U-1	U-2	U-1	U-2
1 <sup>st</sup> Outage	4/1/2010	11/1/2010	4/5/2010	11/15/2010
Duration	55 Days	40 Days	55 Days*	40 Days*
2 <sup>nd</sup> Outage	10/1/2011	5/1/2012	10/1/2011	5/1/2012
Duration	55 Days	55 Days	55 Days*	55 Days*
LAR Submittal	9/01/09	9/01/09	9/01/09**	9/01/09**
MWE	103	103	128***	134***

#### Note –

- \* - Target durations may need adjustment when design changes are finalized.
- \*\* - Negative float is zero for U-1, - 28 days for U-2 as of 7/18/08
- \*\*\* - Based on Siemens Heat Balance, contract target

# Plans & Targets

## Turkey Point

	PROFORMA		FORECAST	
	U-3	U-4	U-3	U-4
1 <sup>st</sup> Outage	9/26/2010	4/25/2011	9/26/2010	4/25/2011
Duration	55 Days	55 Days	55 Days*	55 Days*
2 <sup>nd</sup> Outage	3/5/2012	10/22/2012	3/5/2012	10/22/2012
Duration	40 Days	40 Days	40 Days*	40 Days*
LAR Submittal	9/01/09	9/01/09	9/01/09**	9/01/09**
MWE Proforma	104	104	117***	117***

### Note –

- \* – Target durations may need adjustment when design changes are finalized.
- \*\* – Negative float is - 37 days as of 7/18/08
- \*\*\* – Based on Siemens Heat Balance, contract target



## Budget & Cost Summary

### Saint Lucie

	Proforma	June	
Cost Category	Budget	Forecast	Source of Cost Estimate
	\$mm	\$mm	
Engineering	\$100	\$101	84% Contracts and Staff
Materials	\$269	\$266	52% Contracts, FPL & SWEC Estimate
Implementation	\$106	\$120	36% Contracts, FPL & SWEC Estimate
Subtotal	\$475	\$487	55% Contracts
Scope not estimated	\$182	\$170	
Total	\$657	\$657	
T&D Estimate	\$25	\$25	FPL Estimate
Total	\$682	\$682	

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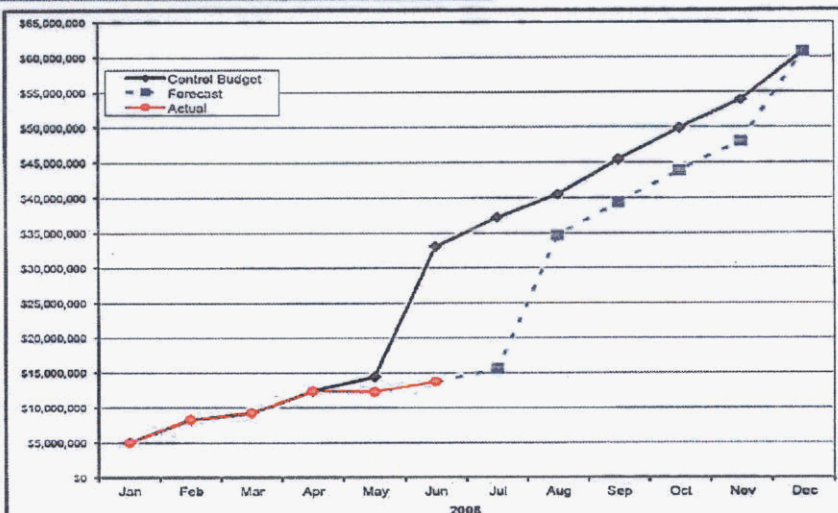
# Budget & Cost Summary

## Saint Lucie Cost Summary - 2008

PSL EPU Project				
Account #: 66730				
Data As Of: 06/30/08				

Budget Forecast	Green	White	Yellow	Red	
Indicator Criterion	Within budget, forecast to remain within budget	Forecast budget over/underrun < 5% of actual	Forecast budget over/underrun between 5% and 10%	Forecast budget over/underrun > 10%	Cost status is based on the current approved Project funding. Status will be reset upon approval of additional funding as applicable.

Total Project Cost Summary (Level 1)						
By Year	Prior Year Actuals 2007	2008	2009	2010	Future Yrs	Total
Engineering	-	19,904,394	48,486,908	11,324,544	13,457,952	93,173,858
Material	-	30,861,612	65,973,000	51,081,500	101,856,500	269,772,612
Implementation	-	1,775,000	18,500,000	102,075,000	103,626,809	225,976,809
Support	-	7,992,453	11,948,000	17,046,824	28,369,000	65,374,677
O&M	-	178,104	300,000	594,370	1,029,370	2,091,850
Total	-	60,711,563	166,206,908	182,112,044	248,361,631	666,391,206



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary
2008 Annual Budget (includes approved scope changes)													
Monthly Total	4,976,544	3,230,513	953,525	3,169,988	2,060,000	18,640,000	4,192,332	3,252,332	4,925,332	4,459,332	4,054,332	6,797,332	To-Date
Cumulative Total	4,976,544	8,207,057	9,160,583	12,330,571	14,390,571	33,030,571	37,222,903	40,475,235	45,400,567	49,859,899	53,914,231	60,711,563	33,030,571
													To Go
													27,680,992
													Total
													60,711,563

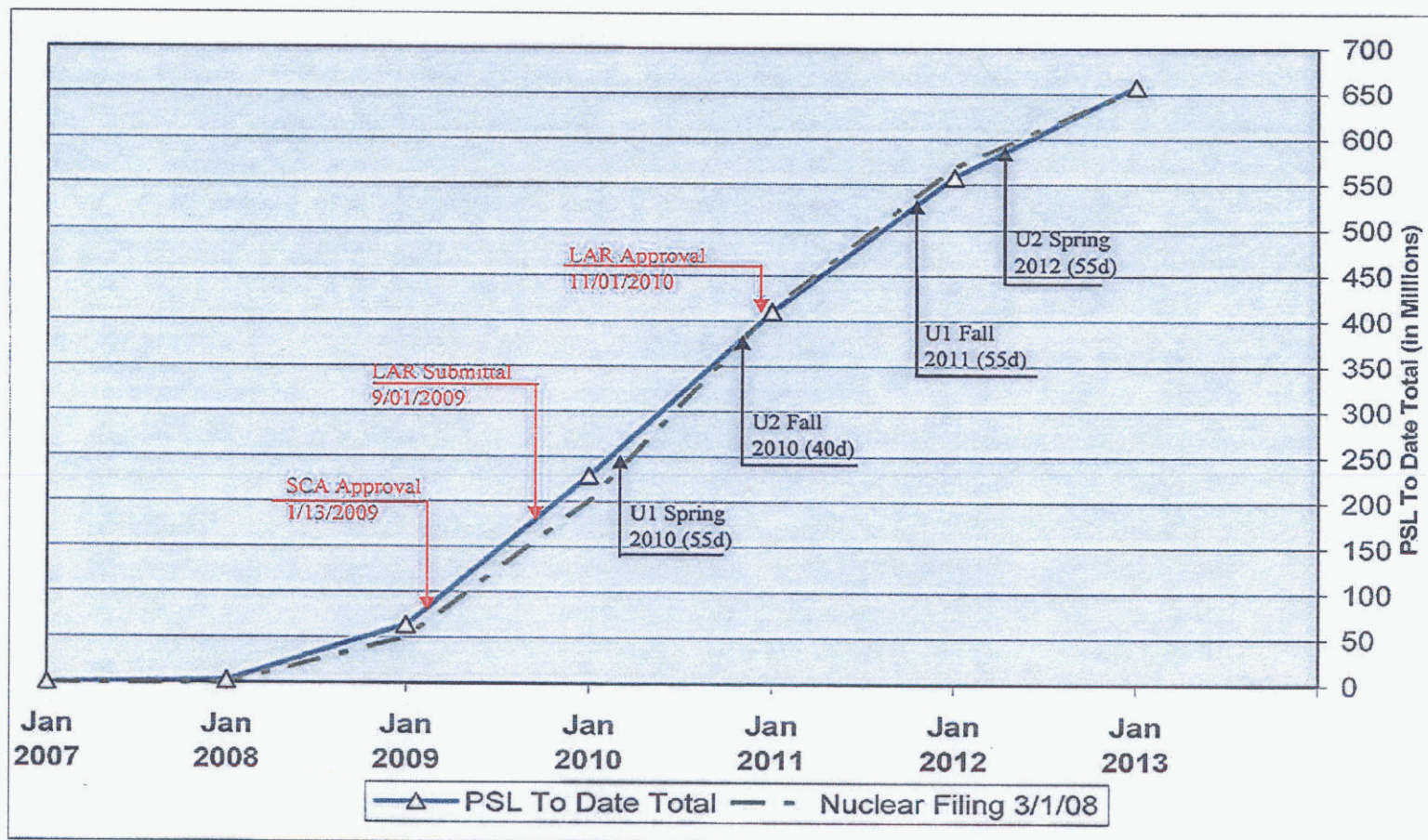
2008 Forecast																
	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	To-Date	To Go	Total
Engineering	2,953,375	487,400	463,754	2,852,438	(636,702)	856,130	1,170,000	1,840,000	2,060,000	2,380,000	2,800,000	2,850,000	6,974,394	12,930,000	19,904,394	
Material	1,150,625	2,442,375	2,637	-	(6,388)	33,750	-	16,470,000	1,603,000	660,000	-	8,507,612	3,621,000	27,240,612	30,861,612	
Implementation	-	-	-	-	-	-	50,000	100,000	125,000	550,000	400,000	550,000	-	1,775,000	1,775,000	
Support	872,544	300,738	487,135	317,551	461,925	552,560	600,000	750,000	850,000	900,000	1,050,000	850,000	2,992,453	5,000,000	7,992,453	
O&M	-	-	-	-	53,320	4,784	10,000	20,000	20,000	20,000	25,000	25,000	58,104	120,000	178,104	
Monthly Total	4,976,544	3,230,513	953,525	3,169,988	(131,846)	1,447,224	1,830,000	19,180,000	4,698,000	4,510,000	4,075,000	12,612,612	13,645,951	47,065,612	60,711,563	
Cumulative Total	4,976,544	8,207,057	9,160,584	12,330,572	12,198,726	13,645,951	15,475,951	34,655,951	39,313,951	43,823,951	47,898,951	60,711,563	13,645,951	47,065,612	60,711,563	

	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	To-Date		Total
Engineering	2,953,375	487,400	463,754	2,852,438	(636,702)	856,130	-	-	-	-	-	-	-	6,974,394	-	6,974,394
Material	1,150,625	2,442,375	2,637	-	(6,388)	33,750	-	-	-	-	-	-	-	3,621,000	-	3,621,000
Implementation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support	872,544	300,738	487,135	317,551	461,925	552,560	-	-	-	-	-	-	-	2,992,453	-	2,992,453
O&M	-	-	-	-	53,320	4,784	-	-	-	-	-	-	-	58,104	-	58,104
Monthly Total	4,976,544	3,230,513	953,525	3,169,988	(131,846)	1,447,224	-	-	-	-	-	-	-	13,645,951	-	13,645,951
Cumulative Total	4,976,544	8,207,057	9,160,584	12,330,572	12,198,726	13,645,951	-	-	-	-	-	-	-	13,645,951	-	13,645,951



# Budget & Cost Summary

## Saint Lucie Cash Flow (No change)



Unit / Site	2007	2008	2009	2010	2011	2012
PSL Yearly Total	\$3,135,200	\$60,581,563	\$164,905,968	\$181,527,668	\$147,631,868	\$99,700,393
PSL To Date Total	\$3,135,200	\$63,716,763	\$228,622,731	\$410,150,399	\$557,782,267	\$657,482,660

## Budget & Cost Summary

### Turkey Point

	Proforma	June	
Cost Category	Budget	Forecast	Source of Cost Estimate
	\$mm	\$mm	
Engineering	\$99	\$103	78% Contracts and Staff
Materials	\$257	\$289	24% Contracts, FPL & SWEC Estimate
Implementation	\$190	\$242	9% Contracts
Subtotal	\$546	\$634	27% Contracts
Scope not estimated	\$204	\$116	
Total	\$750	\$750	
T&D Estimate	\$20	\$20	FPL Estimate
Total	\$770	\$770	

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# Budget & Cost Summary

## Turkey Point Cost Summary - 2008

PTN EPU Project  
Account #: 66730  
Data As Of: 06/30/08

Indicator Criterion	Budget Forecast			
	Green	White	Yellow	Red
Within budget, forecast to remain within 5% of actual				
Forecast budget over/under/within between 5% and 10%				
Forecast budget over/under/within more than 10% funding not applicable				
Approved Project Funding. Status will be reset upon approval of additional funding as applicable.				

By Year	Prior Year	2007	2008	2009	2010	Future Yrs	Total
Engineering	-	18,840,021	38,554,034	12,440,418	22,048,140	32,882,613	107,320,029
Material	-	8,291,680	43,400,000	71,938,429	88,400,813	210,007,132	304,017,026
Implementation	-	2,875,000	18,016,000	88,628,020	230,770,232	341,850,662	674,042,171
Support	-	9,020,384	20,052,137	23,113,292	43,791,841	26,677,664	119,728,906
Q&M	-	200,000	200,000	200,000	200,000	1,800,000	2,600,000
Total	-	40,228,906	122,482,171	197,320,009	304,017,026	744,040,161	1,468,088,273

Total Project Cost Summary (Level 1)

2008 Annual Budget	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary
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Cumulative Total	3,895,223	1,751,946	790,442	1,197,413	1,131,956	2,120,285	16,962,929	19,974,843	3,111,914	5,574,910	4,948,410	6,795,213	40,405,290
Monthly Total	3,895,223	1,751,946	790,442	1,197,413	1,131,956	2,120,285	16,962,929	19,974,843	3,111,914	5,574,910	4,948,410	6,795,213	40,405,290
Q&M	-	-	-	-	-	-	-	-	-	-	-	-	-
Support	-	-	-	-	-	-	-	-	-	-	-	-	-
Implementation	-	-	-	-	-	-	-	-	-	-	-	-	-
Material	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-

2008 Forecast

Cumulative Total	3,895,223	5,647,169	6,437,611	7,635,024	8,525,198	10,710,960	16,786,624	19,798,538	3,011,914	3,111,914	5,574,910	4,948,410	40,228,986
Monthly Total	3,895,223	1,751,946	790,442	1,197,413	890,174	2,185,763	6,075,664	2,011,914	3,011,914	22,910,452	28,485,362	33,433,772	40,228,986
Q&M	-	-	-	-	-	-	-	-	-	-	-	-	-
Support	-	-	-	-	-	-	-	-	-	-	-	-	-
Implementation	-	-	-	-	-	-	-	-	-	-	-	-	-
Material	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-

2008 Actuals

Cumulative Total	3,895,223	5,647,169	6,437,611	7,635,024	8,525,198	9,982,603	9,982,603	9,982,603	9,982,603	9,982,603	9,982,603	9,982,603	9,982,603
Monthly Total	3,895,223	1,751,946	790,442	1,197,413	890,174	1,457,305	-	-	-	-	-	-	-
Q&M	-	-	-	-	-	-	-	-	-	-	-	-	-
Support	-	-	-	-	-	-	-	-	-	-	-	-	-
Implementation	-	-	-	-	-	-	-	-	-	-	-	-	-
Material	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-

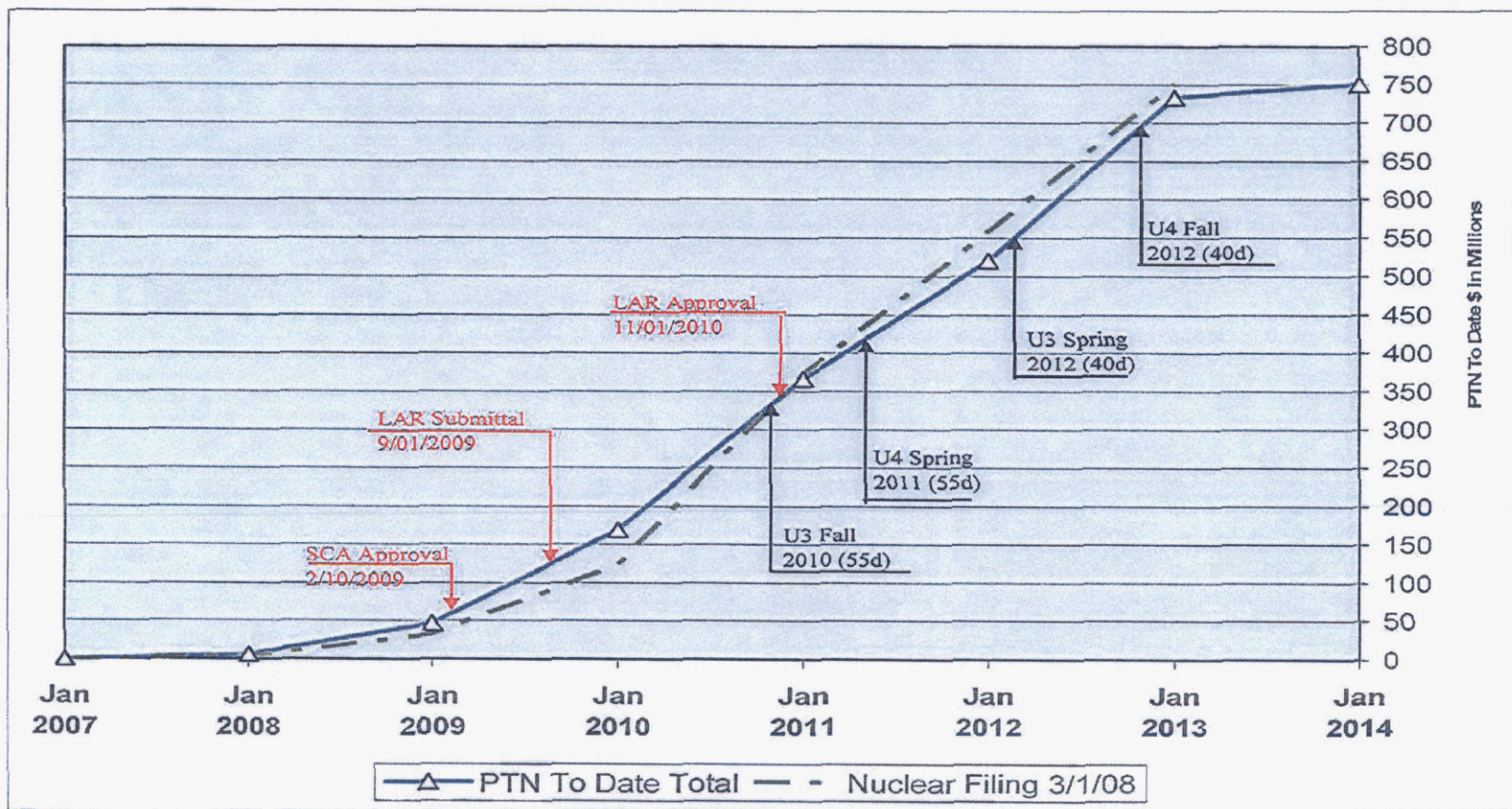
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## Budget & Cost Summary

### Turkey Point Cash Flow (No change)



Unit / Site	2007	2008	2009	2010	2011	2012	2013
PTN Yearly Total	\$6,425,775	\$40,309,984	\$122,482,171	\$197,020,969	\$154,227,538	\$212,689,688	\$17,299,799
PTN To Date Total	\$6,425,775	\$46,735,759	\$169,217,930	\$366,238,899	\$520,466,437	\$733,156,125	\$750,455,924

## Regulatory

### Site Certification Application Status

Application Milestone	St. Lucie	Turkey Point
FPL submits Site Certification (SCA)	12/13/07 (a)	1/18/08 (a)
DEP issue Completeness Determination on SCA	1/22/08 (a)	2/27/08 (a)
FPL response to DEP Determination (if incomplete)	N/A	3/28/08 (a)
DEP 2 <sup>nd</sup> Completeness Determination (if necessary)	N/A	5/8/08 (a)
Deadline for Motions to Intervene	7/28/08(a)	9/8/08
Complete Certification Hearings before Administrative Law Judge	9/5/08 *	10/9/08 **
Administrative Law Judge issues Recommended Order	10/31/08	12/11/08
Siting Board Hearing on Certification (Anticipated Dates)	1/13/09	2/10/09

\* Note: potential for PSL Hearing to be canceled due to no third party intervention

\*\* Note: issues associated with Miami-Dade are becoming a concern and could potentially delay or draw out the certification hearings





## Regulatory

### PTN SCA Issues

- **Miami- Dade County is looking for a plan which they will approve that includes such items as:**

(Note - concerns associated with the SCAs & not EPU Project)

- A plan for FPL to offset all water quality changes due to the Uprate.
  - Require FPL to use County reuse water for wetland/aquifer recharge.
- Detail study of existing permitted cooling canal system Pre & Post Uprate.
- Expand Water Quality Monitoring (saline and thermal).
- Extensive modeling of Pre & Post Uprate conditions.
- Expanded Crocodile Monitoring (FPL has agreed to this with wildlife agencies)
- Expand Derm Regulatory Authority on Turkey Point

## Regulatory

- Combined integrated schedule for W, SWEC, Siemens, and FPL
  - PSL U1 (0 days float) & PSL U2 (-28 days float)
  - PTN (-37 days float)

LAR Milestones	PSL 1	PSL 2	PTN
<u>W</u> complete Operating Parameter Review	3/1/08 (a)	3/1/08 (a)	3/1/08 (a)
Complete small break LOCA analysis	6/9/09	6/2/09	7/14/09
Complete large break LOCA analysis	6/26/09	6/11/09	6/11/09
<u>W</u> issue NSSS License Section to FPL	6/30/09	7/21/09	8/7/09
SWEC issue BOP License Section to FPL	6/30/09	8/7/09	8/7/09
Complete Sequester Week (s)	7/15/09	8/21/09	8/7/09
FPL Complete Draft License Amendment	7/29/09	8/14/09	8/31/09
Complete Site Review License Amendment	8/5/09	9/14/09	10/1/09
Complete Corporate Review License Amendment	8/12/09	9/21/09	10/15/09
Submit LAR to NRC (Proforma)	9/1/09*	9/1/09*	9/1/09*

\* Schedule end date is constrained



## Regulatory

### Nuclear Cost Recovery

Schedules and Petition filed	5/1/08 (a)
Discovery begins	5/2/08 (a)
Intervener Testimony	7/23/08 (a)
Staff Testimony	8/6/08
Rebuttal Testimony	8/21/08
Discovery Completed	9/3/08
Hearings	9/11/08, 9/12/08, 9/17/08, 9/18/08
Issue Order	10/15/08





# Engineering Evaluations

## Engineering Evaluations - PSL & PTN

	Engineering Evaluation	Target Completion Date	Original Plan / Budgeted	Expected Outcome
1	S/G Moisture Carry Over (MCO) & Erosion / Corrosion (E/C) Assessment at PTN	8/31/08	No S/G MCO mods expected Feeding Replacement to address E/C	<ul style="list-style-type: none"> <li>• Expect S/G MCO to be acceptable without mods</li> <li>• Contingency Modifications for Feeding &amp; Primary Separators to address E/C</li> </ul>
2	Perform Grid Studies for PSL & PTN	1/31/09	T&D to upgrade as appropriate (budgeted).	<ul style="list-style-type: none"> <li>• Will not need capacitor banks</li> <li>• Miscellaneous switchyard and grid modifications for PTN (details on next pages)</li> </ul>

## Grid Study

### Status of Grid Studies

- Latest revision of data for grid studies received by Transmission on 6/30/2008
- Preliminary results:
  - Grid studies being completed and submitted to FRCC for affirmation of no adverse reliability impact by Oct, 2008. Affirmation by FRCC expected by Feb 2009
  - PSL: Based on total MW increase of 318MW (winter) - bounding case (originally assessed at 240MW)
  - PTN: Based on total MW increase of 274 MW (winter)- bounding case (originally assessed at 200 MW)
  - Increased MW from the amount used in original high level assessment has not changed the transmission upgrade requirements

## Grid Study

### Project Plan - St. Lucie

- **PSL Swyd.** Replace 230kV switches in generator bays
- **Midway Swyd.** Replace 230kV switches and breakers in tie line bays
- **Trans. Lines** Add phase spacers to 3 St Lucie to Midway Lines and uprate to meet ampacity requirements
- **String Busses** Upgrade conductors and structures (See Note 1)
- **GSU 1A & 1B** Uprate to 635MVA (With more capable coolers)
- **GSU 2A** Replace with existing PSL GSU spare and uprate to 635 MVA (With more capable coolers)
- **GSU 2B** Purchase new 635MVA (See Note 2)
- **Spare GSU** Use existing unit 2A or 2B as new spare and equip with more capable coolers (See Note 3)

- Note 1: Investigating optimal solution, may require the replacement of existing dead end structures.
- Note 2: Investigating use of existing PTN spare as 2B replacement
- Note 3: Existing units 2A and 2B have remaining useful life of 3 years



## Grid Study

### Project Plan – Turkey Point

- **PTN Swyd.** Replace 230kV switches in generator bays  
Install Inductors on 230kV busses and move bus tie breaker (due to increased short circuit levels)
- **Trans. Lines** Complete Pre planned PTN-Princeton 230kV line (2011) enables full transmission capability
- **String Busses** Add phase spacers between conductors
- **GSU 3** Uprate to 970MVA (With more capable coolers and bushings)
- **GSU 4** Uprate to 970MVA (With more capable coolers and bushings)
- **Spare GSU** Purchase new spare (970-1050MVA) since existing spare can only be rated to 850MVA (Note 4)

Note4: Generator normal output approximately 900 MVA. Maximum output 991MVA with units on auxiliary transformers.

## Grid Study

### Transmission Scope of Work and Cost Estimates

Site	Proforma Estimate	Transmission Work Only (July Estimate)
Saint Lucie	\$25.0M	\$5.9 - 11.5M *
Turkey Point	\$20.0M	\$8.0 - 9.3M *
Total Grid	\$45.0M	\$13.9 - 20.8M *

- FPL estimate, no contract

## Grid Study

### Transmission Scope of Work and Cost Estimates (With GSUs)

	Option 1 w/o spare	Option 2 with spares	Option 3 with using TP spare @ St. Lucie
<b>Turkey Point</b>			
GSU 3 uprate	\$2.5 - 2.9M	\$2.5 - 2.9M	\$2.5 - 2.9M
GSU 4 uprate	\$2.5 - 2.9M	\$2.5 - 2.9M	\$2.5 - 2.9M
GSU - Spare	n/a	\$12.0 - 13.8M	\$12.0 - 13.8M
<b>Total PTN GSU Costs</b>	\$5.0 - 5.8M	\$17.0 - 19.6M	\$17.0 - 19.6M
<b>Initial PTN GSU Cost Estimate</b>	\$26.7M		
<b>St. Lucie</b>			
GSU 1A uprate	\$2.5 - 2.9M	\$2.5 - 2.9M	\$2.5 - 2.9M
GSU 1B uprate	\$2.5 - 2.9M	\$2.5 - 2.9M	\$2.5 - 2.9M
GSU 2A uprate	\$3.5 - 3.9M	\$3.5 - 3.9M	\$3.5 - 3.9M
GSU 2B Replacement	\$9.3 - 10.7M	\$9.3 - 10.7M	\$2.5 - 2.9M
GSU - Spare	2.0 - 2.4 (spare cooler)	\$9.3 - 10.7M	\$9.3 - 10.7M
<b>Total PSL GSU Costs</b>	\$19.8 - 22.8M	\$27.1 - 31.1M	\$20.3 - 23.3M
<b>Initial PSL GSU Cost Estimate</b>	\$34.5M		
<b>Total Transmission &amp; GSU</b>	\$38.9 - 48.4M	\$58.0 - 71.5M	\$51.2 - 63.7M
<b>Total Initial Assessment Cost Estimate</b>	\$106.2M		



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- **Project Highlights**

- **Bench Mark Highlights**

- Be as independent as possible and minimize reliance on the station as much as possible/ Integrate with Station Process
    - Key Station personnel need to be assigned to the Project on a full time basis (e.g. Ops, Maintenance, Engineering)
    - Need frequent face to face communications with all Vendor(s) (e.g. Engineering & Materials)
    - NRC review and approval time for License Amendments is taking longer than expected with significant number of RAls
    - Evaluate what mods should not be incorporated if the LAR is not approved. Incorporating all of the mods without the uprate may reduce plant efficiency
    - Significant delays have been experienced for foreign supplied equipment (e.g. Flow-Serve)

## Highlights of Next Steps

- **Juno Beach**
  - Award Siemens Contract
  - Award contract for the LAR NSSS analysis work
  - Complete Bid evaluations for the EpC contract
  - Fleet Project Plan development
  - SCA approval and interface with sites
  - Nuclear Cost Recovery testimony and rebuttal
  - Complete Earned Value Schedule and metrics
  
- **St Lucie & Turkey Point**
  - Continue Conformed Spec development & procurement of long lead material & equipment
  - Continue development of Site Project Plans



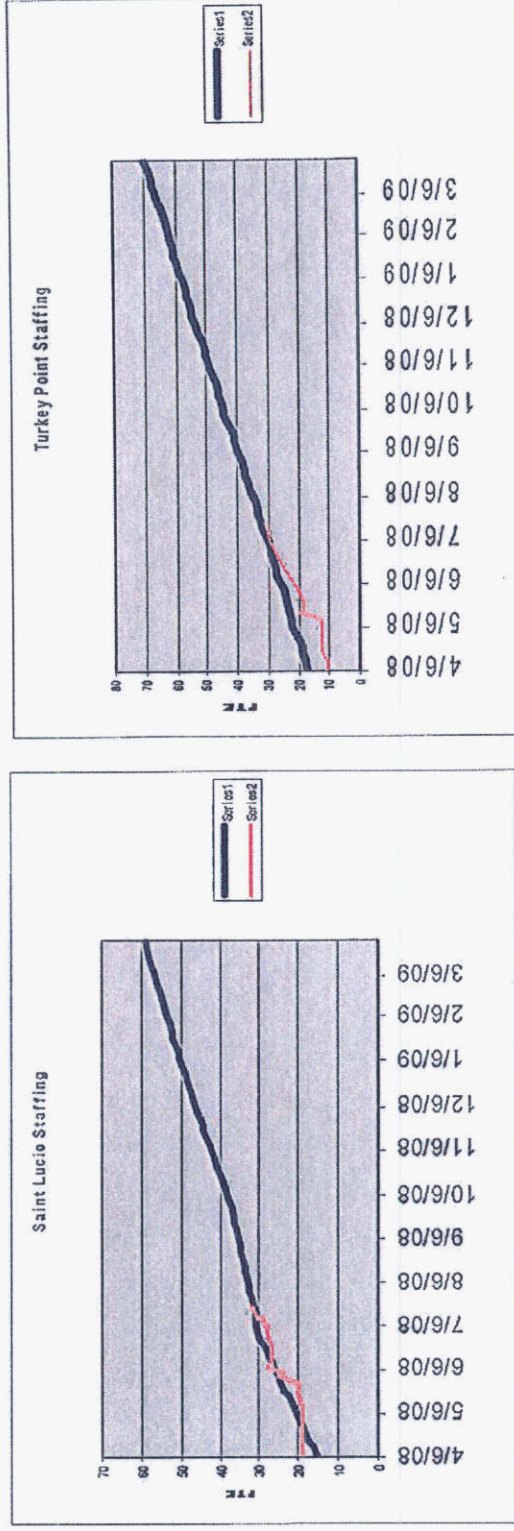
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# Staffing

**FPL**



Unfilled Critical Positions	Status
Mod Engineering Manager- PTN	Candidate Selected

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## **Extended Power Upgrades Executive Steering Committee Meeting Saint Lucie & Turkey Point**

**November 13, 2008**

## Agenda

- **Plans & Targets**
- **Costs & Budget Summary**
- **Regulatory**
- **Project Highlights**
- **Next Steps**
- **Risk Exposures & Mitigation**
- **Key Performance Indicators**

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**FPL**

FPSC Internal Controls Data Request DR 1-10  
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## Plans & Targets

### Saint Lucie

	PROFORMA		FORECAST	
	U-1	U-2	U-1	U-2
1 <sup>st</sup> Outage	4/1/2010	11/1/2010	4/5/2010	11/15/2010
Duration	55 Days	40 Days	66 Days*	64 Days*
2 <sup>nd</sup> Outage	10/1/2011	5/1/2012	10/1/2011	4/19/08
Duration	55 Days	55 Days	64 Days*	66 Days*
LAR Submittal	9/01/09	9/01/09	9/01/09	10/01/09
MWE	103	103	129**	136**

#### Note –

- \* - Target durations may need adjustment when design changes are finalized.
- \*\* - Based on Siemens Heat Balance, contract target

## Plans & Targets

### Turkey Point

	PROFORMA		FORECAST	
	U-3	U-4	U-3	U-4
1 <sup>st</sup> Outage	9/26/2010	4/25/2011	9/26/2010	4/25/2011
Duration	55 Days	55 Days	65 Days*	70 Days*
2 <sup>nd</sup> Outage	3/5/2012	10/22/2012	3/5/2012	10/22/2012
Duration	40 Days	40 Days	65 Days*	65 Days*
LAR Submittal	9/01/09	9/01/09	12/01/09	12/01/09
MWE	104	104	118**	118**

#### Note –

\* - Target durations may need adjustment when design changes are finalized.

\*\* - Based on Siemens Heat Balance, contract target

# Budget & Cost Summary

## Saint Lucie

	Proforma	August	October	
Cost Category	Budget	Forecast	Forecast	Source of Cost Estimate
	\$mm	\$mm	\$mm	
Engineering	\$100	\$101	\$92	100% Contracts and Staff
Materials	\$269	\$288	\$297	86% Contracts, FPL Estimate/Proposal
Implementation	\$106	\$120	\$190	86% Contracts, Bechtel Award, FPL Estimate/Proposal
Subtotal	\$475	\$509	\$579	87% Contracts
Scope not estimated	\$182	\$148	\$78	Ref risk matrix
Total	\$657	\$657	\$657	
T&D Estimate	\$25	\$12	\$12	FPL Estimate
Total	\$682	\$669	\$669	



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# Budget & Cost Summary

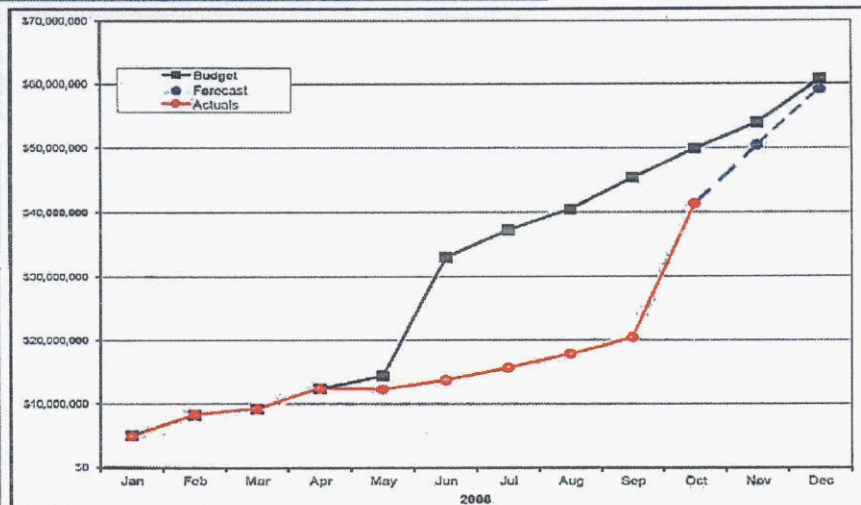
## Saint Lucie Cost Summary - 2008

PSL Extended Power Upgrade (EPU) Project  
Account #:066730  
Data As Of: 10/31/08

Budget Forecast	Green	White	Yellow	Red
Indicator Criteria	Within budget, forecast to remain within budget	Forecast budget overrun/under-run < 5% of actual	Forecast budget overrun/under-run between 5% and 10%	Forecast budget overrun/under-run > 10%

Cost status is based on the current approved Project funding. Status will be reset upon approval of additional funding as applicable.

Total Project Cost Summary						
By Year	Prior Year Actuals	2008	2009	2010	Future Yrs	Total
Engineering	-	10,030,087	58,705,088	46,324,623	71,465,464	193,116,263
Material	-	29,870,267	35,501,845	68,666,064	101,700,210	236,744,496
Implementation	-	4,000,125	2,797,473	56,020,000	70,540,578	133,372,474
FP & L	-	8,088,550	10,248,000	25,855,261	36,767,136	92,568,972
Contingency	-	-	-	-	-	-
Total	-	69,310,936	116,252,607	198,465,968	282,471,634	666,391,284



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary
<b>2008 Annual Budget</b> (includes approved scope changes)													
Monthly Total	4,976,544	3,230,513	955,525	3,169,988	2,080,000	18,640,000	4,192,332	3,252,332	4,925,332	4,450,332	4,054,332	6,797,332	To-Date
Cumulative Total	4,976,544	8,207,057	9,166,583	12,336,571	14,390,571	33,030,571	37,222,903	40,475,235	45,400,567	49,859,899	53,914,231	60,711,563	60,711,563

2008 Forecast													
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	To-Date	Total
Engineering	2,628,475	544,857	313,415	2,856,521	(812,592)	685,087	1,179,192	1,352,132	1,591,898	1,811,300	2,400,000	12,130,087	16,630,087
Material	1,167,500	2,459,250	-	-	-	33,750	-	-	114,400	18,091,872	5,497,420	21,866,772	29,876,267
Implementation	61,538	12,101	68,007	36,747	74,155	64,215	67,244	8,317	45,009	164,177	170,000	601,609	4,006,125
FP & L	1,009,825	323,514	572,102	276,720	606,591	584,172	683,450	862,147	807,423	842,222	1,000,000	6,668,166	8,668,556
Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	4,867,336	3,339,722	953,525	3,169,988	(131,846)	1,447,224	1,929,887	2,222,596	2,558,531	20,909,572	9,067,420	8,867,081	-
Cumulative Total	4,867,336	8,207,057	9,166,583	12,336,571	12,198,725	13,645,949	15,575,836	17,798,432	20,356,963	41,266,534	50,333,954	59,201,035	59,201,035

October 2008 forecasted activities:

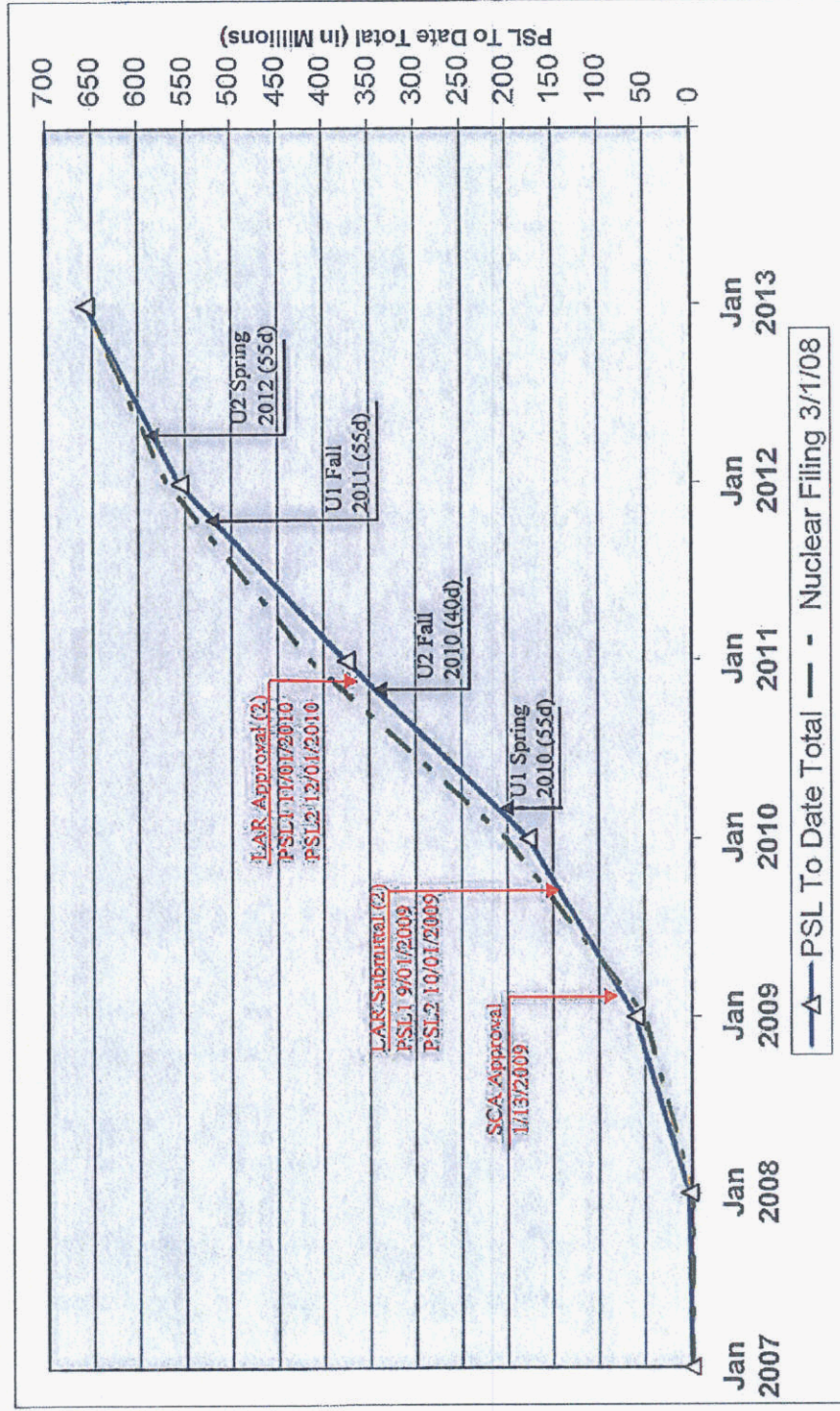
Siemens \$17.229M (Contract award for Turbine Generator)

2008 Actuals													
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	To-Date	Total
Engineering	2,628,475	544,857	313,415	2,856,521	(812,592)	685,087	1,179,192	1,352,132	1,591,898	1,811,300	-	12,130,087	12,130,087
Material	1,167,500	2,459,250	-	-	-	33,750	-	-	114,400	18,091,872	-	21,866,772	21,866,772
Implementation	61,538	12,101	68,007	36,747	74,155	64,215	67,244	8,317	45,009	164,177	-	601,609	601,609
FP & L	1,009,825	323,514	572,102	276,720	606,591	584,172	683,450	862,147	807,423	842,222	-	6,668,166	6,668,166
Contingency	-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	4,867,336	3,339,722	953,525	3,169,988	(131,846)	1,447,224	1,929,887	2,222,596	2,558,531	20,909,572	-	-	-
Cumulative Total	4,867,336	8,207,057	9,166,583	12,336,571	12,198,725	13,645,949	15,575,836	17,798,432	20,356,963	41,266,534	41,266,534	41,266,534	41,266,534



# Budget & Cost Summary

## Saint Lucie Cash Flow



Unit / Site	2007	2008	2009	2010	2011	2012
PSL Yearly Total	\$3,135,200	\$57,576,363	\$116,252,507	\$198,035,469	\$180,151,010	\$101,240,656
PSL To Date Total	\$3,135,200	\$60,711,563	\$176,964,070	\$374,999,539	\$555,150,549	\$656,391,205



## Budget & Cost Summary

### Turkey Point

Cost Category	Proforma Budget \$mm	August Forecast \$mm	October Forecast \$mm	Source of Cost Estimate
Engineering	\$99	\$103	\$98	100% Contracts and Staff
Materials	\$257	\$308	\$299	67% Contracts, FPL Estimate/Proposal
Implementation	\$190	\$242	\$295	75% Contracts, Bechtel Award, FPL Estimate/Proposal
Subtotal	\$546	\$653	\$692	75% Contracts
Scope not estimated	\$204	\$97	\$58	Ref risk matrix
Total	\$750	\$750	\$750	
T&D Estimate	\$20	\$10	\$10	FPL Estimate
Total	\$770	\$760	\$760	

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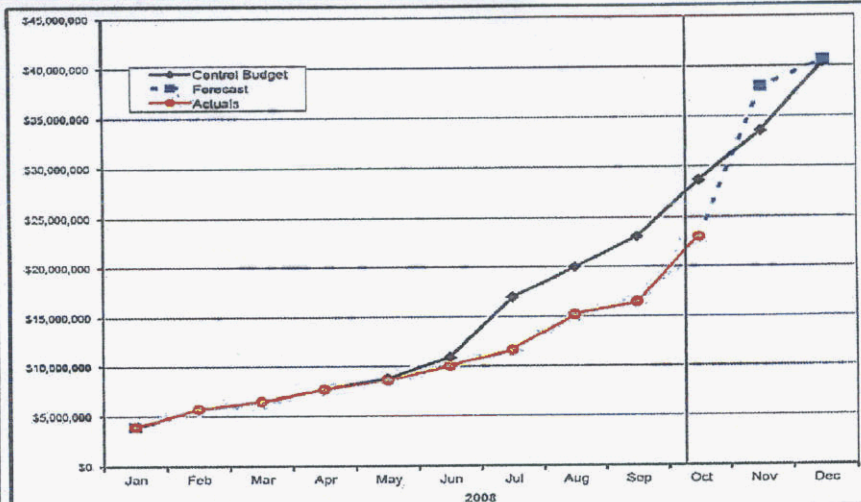
# Budget & Cost Summary

## Turkey Point Cost Summary - 2008

PTN Extended Power Uprate (EPU) Project				
Account #:066730				
Data As Of: 10/31/08				

Budget Forecast	X				
	Green	White	Yellow	Red	
Indicator Criterion	Within budget, forecast to remain within budget	Forecast budget overrun/under-run < 5% of actual	Forecast budget overrun/under-run between 5% and 10%	Forecast budget overrun/under-run > 10%	Cost status is based on the current approved Project funding. Status will be reset upon approval of additional funding as applicable.

Total Project Cost Summary						
By Year	Prior Year Actuals	2008	2009	2010	Future Yrs	Total
Engineering	-	15,547,130	30,300,000	3,000,000	-	48,847,130
Material	-	8,476,589	43,400,000	71,038,439	80,408,813	210,281,841
Implementation	-	3,028,565	18,610,000	89,026,820	230,770,231	342,043,616
FP & L	-	13,353,007	30,100,172	32,753,710	67,430,079	143,632,968
Contingency	-	-	-	-	-	-
Total	-	40,405,291	122,422,172	197,329,969	384,617,023	744,825,455



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008 Summary
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2008 Annual Budget (includes approved scope changes)												
Monthly Total	3,895,224	1,751,943	790,443	1,197,412	1,131,956	2,120,285	6,075,666	3,011,915	3,111,915	5,574,910	4,948,408	6,795,213
Cumulative Total	3,895,224	5,647,167	6,437,610	7,635,022	8,766,978	10,887,264	16,962,930	19,974,845	23,086,760	28,661,670	33,610,078	40,405,291

2008 Forecast												
Engineering	2,709,000	89,491	386,972	911,866	325,247	610,531	914,105	2,698,098	89,475	2,049,576	912,238	883,195
Material	407,853	1,315,750	188	547	-	116,250	-	108,000	3,626,153	12,385,272	59,860	59,860
Implementation	90,755	15,571	26,791	19,649	134,522	63,287	43,593	15,100	95,885	107,226	581,645	581,646
FP & L	687,615	331,133	376,492	265,551	430,404	667,239	825,993	890,191	968,607	759,088	1,101,976	1,101,976
Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	3,895,223	1,751,945	790,443	1,197,413	890,173	1,457,307	1,583,692	3,603,390	1,259,768	6,642,042	14,079,862	2,626,668
Cumulative Total	3,895,223	5,647,168	6,437,611	7,635,024	8,525,197	9,982,504	11,566,196	15,169,585	16,429,353	22,971,395	37,951,657	40,577,723

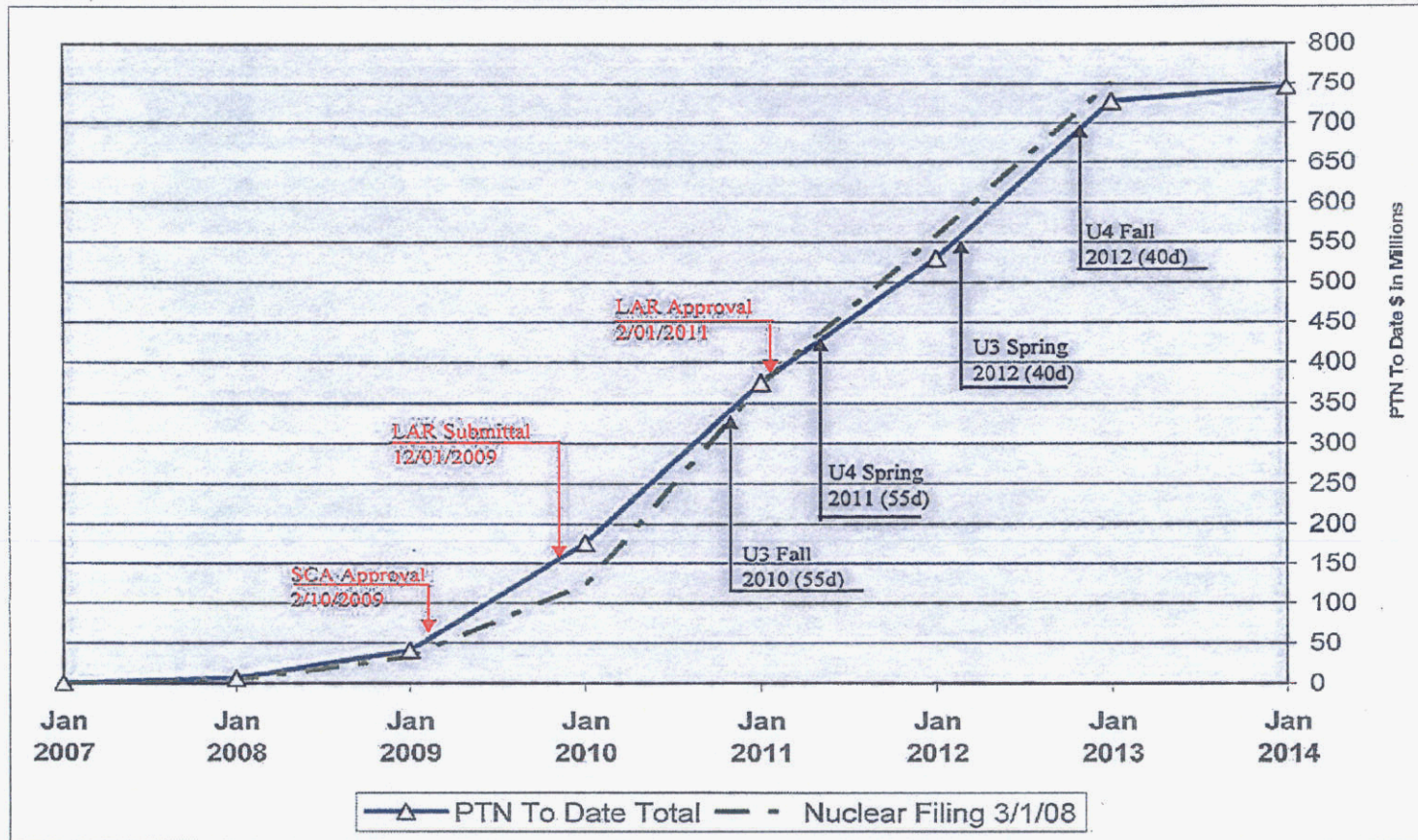
September 2008 forecasted activities:  
Siemens \$3.6M (Contract award 10%)

2008 Actuals												
Engineering	2,709,000	89,491	386,972	911,866	325,247	610,531	914,105	2,698,098	89,475	2,049,576	-	-
Material	407,853	1,315,750	188	547	-	116,250	-	108,000	3,626,153	-	-	-
Implementation	90,755	15,571	26,791	19,649	134,522	63,287	43,593	15,100	95,885	107,226	-	-
FP & L	687,615	331,133	376,492	265,551	430,404	667,239	825,993	890,191	968,607	759,088	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Total	3,895,223	1,751,945	790,443	1,197,413	890,173	1,457,308	1,583,692	3,603,390	1,259,768	6,642,042	-	-
Cumulative Total	3,895,223	5,647,168	6,437,611	7,635,024	8,525,197	9,982,503	11,566,195	15,169,584	16,429,362	22,971,394	22,971,394	22,971,394



# Budget & Cost Summary

## Turkey Point Cash Flow



Unit / Site	2007	2008	2009	2010	2011	2012	2013
PTN Yearly Total	\$6,425,775	\$40,405,292	\$135,884,325	\$198,807,340	\$154,303,824	\$197,724,876	\$17,699,797
PTN To Date Total	\$6,425,775	\$40,405,292	\$176,289,617	\$375,096,957	\$529,400,781	\$727,125,657	\$744,825,454



## Regulatory – Cost Recovery

### Nuclear Cost Recovery

<b>Schedules and Petition filed</b>	<b>5/1/08 (a)</b>
<b>Discovery begins</b>	<b>5/2/08 (a)</b>
<b>Intervener Testimony</b>	<b>7/23/08 (a)</b>
<b>Staff Testimony</b>	<b>8/6/08 (a)</b>
<b>Rebuttal Testimony</b>	<b>8/21/08 (a)</b>
<b>Discovery Completed</b>	<b>9/3/08 (a)</b>
<b>Hearings</b>	<b>*9/11/08, 9/12/08, 9/17/08, 9/18/08(a)</b>
<b>Staff Recommendations</b>	<b>10/02/08(a)</b>
<b>Issue Order</b>	<b>**10/14/08(a)</b>
<b>2008 True-up filing</b>	<b>3/1/09</b>

\* Only one hearing session required

\*\* Full requested dollar amount approved for recovery by unanimous Commissioner vote

## Regulatory - Environmental

### Site Certification Application Status

- **PSL Order Issued on 9/17/08**
  - Change Management Plan issued to implement new requirements.
  - A Matrix has been prepared to capture the Conditions of Certifications.

- **PTN Order Issued on 10/29/08**
  - FPL now has 180 days to develop a new South Florida Water Management (SFWMD) agreement for the monitoring of the cooling canals.
  - Miami Dade County and Florida Department of Environmental Protection will participate in the discussions of the new agreement and approval.
  - Change Management Plan in development.
  - A Matrix is being prepared to capture the Conditions of Certifications.



## Regulatory – LAR

### PSL & PTN EPU LAR Milestones

LAR Milestones	PSL 1	PSL 2	PTN
<u>W</u> complete Operating Parameter Review	3/1/08 (a)	3/1/08 (a)	3/1/08 (a)
Complete small break LOCA analysis	6/9/09	6/9/09	7/22/09
Complete large break LOCA analysis	6/22/09	7/6/09	7/9/09
<u>W</u> issue NSSS License Section to FPL	6/30/09	6/30/09	8/11/09
SWEC issue BOP License Section to FPL	6/30/09	8/3/09	8/11/09
Complete Sequester Week (s)	7/24/09	8/17/09	9/2/09
FPL Complete Draft License Amendment	7/17/09	8/10/09	9/14/09
Complete Site Review License Amendment	8/14/09	9/08/09	10/05/09
Complete Corporate Review License Amendment	8/21/09	9/15/09	10/28/09
Submit LAR to NRC	9/1/09	10/1/09	12/1/09

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# Contract Status

## Priorities

- **Bechtel (EPC)**
  - Contracts Awarded for PSL and PTN
    - Initial kickoff teams mobilized to sites
    - Core team members identified
    - Right sizing EPU staffing and Bechtel staffing to eliminate duplication
    - Oliver Wyman on board to help set project performance goals
    - Initial kickoff meeting scheduled for week of 11/17/08
  - Scope development under way for PB
- **TEI (MSR, FW Heaters, Condenser)**
  - Contract terms complete, specifications being conformed by Shaw
  - Expect to issue contracts within next 30 days
- **Westinghouse (NSSS LR)**
  - Final stages of reviewing and issuing Letters of Authorization to the Fuels Contracts; expect by 11/14/08
- **CEDM-CS - PSL**
  - Budgetary review required
- **Turbine Control System - PTN**
  - Plan to competitively bid





## Highlights

- **Juno Beach**

- Continue developing Earned Value Schedule and metrics
- Completed Independent assessment of EPU Risk Management Program by Oliver Wyman:
  - “The initial approach to risk management, during the Development Phase is viewed as strong. However as the program moves to execution, a number of opportunities exist.”
- Continue improvement opportunities identified by the EPU Risk Management Assessment

- **St Lucie & Turkey Point**

- Completed EPU inspections during PSL1 Outage
- Continued Conformed Spec development & procurement of long lead material & equipment
- Continued development of Site Project Plans and task Plans
- Continued Licensing and Engineering to support LAR submittal

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