EVERSOURCE

Operations Project Authorization Form

Approved on June 5, 2025 EPAC

Link to Meeting Minutes

Project Title: [redacted] **Substation ATS Replacement**	**Project Number: CS00720**
Date Prepared: 05/23/2025	**Company: Eversource CT**
Organization: Asset Management	**Class(es) of Plant: D SS**
Project Initiator: [redacted]	**Project Category: Stations - Switches**
Managing Organization: Operations	**Schedule ID#: N/A**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Capital Investment part of original Op Plan: No**
Estimated in service date: June 2025	**Emergency Related Request? Yes**
Eng./Constr. Resources Budgeted? Yes	**Facility Type:** ☐ **PTF** ☐ **non-PTF** ☐ **local PTF** ☒ **Distribution** ☐ **N/A (General Plant)**
EJ Community: No	**Authorization Type: Full Funding**
Total Capital Request: $628K	

[1] Executive Summary

[redacted]



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[2] Project Costs Summary

Note: Dollar values are in thousands and rounded to nearest thousand

Line-item Category	Prior Authorized	Actuals to Date	2025 to Go	2026	Total
1. ROW / Easements / Land purchases					
2. Environmental Approvals / Permits					
3. Outreach					
4. Siting Approvals / Permits					
5. Engineering / Design		$21	$2		$23
6. Materials (Eversource purchased)		$79	$2		$81
7. Construction (incl matl's by contractors)		$$144	$41		$185
8. Testing / Commissioning		$1	$5		$6
9. PMT Project Mgmt Team			$7		$7
10. Removals		$27	$3		$30
11. Other					
12. Risks					
Project Directs Total w/Risks		**$272**	**$60**		**$332**
13. Indirects/Overhead		$193	$69		$262
14. AFUDC		$22	$11		$33
Project Total - Baseline Budget		**$487**	**$141**		**$628**
15. Contingency					
Project Total - Funding Approval Level		**$487**	**$141**		**$628**
16. Reimbursables/Customer Contribution					
Project Total (less reimbursables)		**$487**	**$141**		**$628**
Total O&M					
TOTAL REQUEST		**$487**	**$141**		**$628**

Detail other costs, project risk items and their allocations:

Risk	Allocation
1. N/A	$
Total	$0

Explain unique payment provisions, if applicable: N/A

Identify and detail any unique O&M impacts resulting from this project: N/A

3] Technical Justification

Project Need, Objective and Justification

[redacted]

Project Scope

[redacted]

Substation Equipment

Station	Device Position / Nomenclature	Device Removals	Device Additions
[redacted]			

Background

[redacted]

[4] Alternatives Considered

There were no alternatives considered since this was an emergent annual project that started under the emergent annual WO 80432646.

[5] Project Schedule

Milestone	Scheduled Completion Date
IFR Approval	N/A
SDC Approval (for applicable projects)	N/A
Conversion of Tx development costs, 183 to 107 (applicable to projects that require SSF approval and/or ISO preferred alternative selection)	N/A
EPAC Partial Funding Approval (for applicable projects)	N/A
Preliminary Design Completion (or latest pre-full funding design phase)	N/A
EPAC Full Funding Approval	June 2025
Siting Approval (for applicable projects)	N/A
Start of Construction	January 2025
Project In-Service Date (ISD)	June 2025
Project Need Date (for applicable projects)	N/A
ISO Related Milestones: (for applicable projects)	
• ISO Preferred Alternative Selected	N/A
• PAC Presentation	N/A
• TCA Submittal	N/A

[6] Regulatory Approvals

There are no siting or permitting regulatory approvals required.

EJ Community Considerations:

EJ considerations will not be required to install the new ATS as [redacted] Substation does not reside within an EJ community.

[7] Risk and Risk Mitigation Plans

Contingency:

No contingency has been allocated for this project

Risk Mitigation:

Risk	Mitigation
N/A	
Total	

[8] References

References
1. APS-01- Project Authorization Policy
2. Capital Project Approval Process Job Aid JA-AM-2001-A
3. DSEQ23 2023 CT Distribution S/s Emergent Equipment Failure Annual

[9] Attachments (One-Line Diagrams, Images, etc.)

Attachment	Included in Submittal?
A. Cost Estimate (CS00720)	*YES*
B. P6 Schedule	*N/A**
C. Constructability Review Document	*N/A**
D. System and Station One-Lines	*N/A**

**This was an emergent project and a P6 schedule and constructability review were not included.*

INSTRUCTIONS:
It is the responsibility of the initiator to contact the subject matter experts in the listed area disciplines to determine if the project considerations contained in this list are applicable to their project. They should fill out the checklist and determine a transition plan for the purpose of project execution. See the PAF Guide for additional instruction.

Project Checklist - Transmission & Substation Capital Project			
Project Name: [redacted] **ATS Replacement Emergent Annual**			**Project Number: CS00720**
Facility Type: ☐BPS ☐BES ☐PTF ☐local PTF ☐non-PTF ☐CIP ☒Distribution ☐General Plant ☐CONVEX ☐SCADA			
PLANNING			
Is a NX-9 required?		No	
Is an ISO-NE PAC presentation required?		No	
ISO-NE Presentation Date (if completed):		N/A	
Cost in ISO-NE Presentation ($M) (if completed):		N/A	
Is a PPA required?		No	
ISO-NE Approval Date (if completed):		N/A	
Is a TCA Application Required?		No	
TCA Submittal Date (if submitted):		N/A	
Cost in TCA Submittal ($M) (if submitted):		N/A	
Enter ISO-NE RSP / Asset Condition ID, if assigned:		N/A	
PLANNING/PROTECTION & CONTROLS			
Are RAS/SPS/UVLs affected?		No	
OPERATIONS			
Outage Required?	☐ Primary Equipment (Power Transfer)	☐ Secondary Equipment (P&C only)	☒ Outage Not Required
Do SCLL Conditions Exist?		No	
Has an outage schedule been approved?		Yes	
Are Operations & Maintenance procedures/training required?		No	
STANDARDS			
Does the project include standard equipment and designs?		Yes	
SUBSTATION ENGINEERING			
Does this impact Revenue Metering		No	
Is preliminary short circuit/ breaker duty analysis required?		No	
Are there any changes to the baseline audible noise?		No	
Is there an impact to the existing ground grid?		No	
Is a Transient Over Voltage (TOV) analysis required?		NR	

Project Checklist - Transmission & Substation Capital Project	
Project Name: [redacted] ATS Replacement Emergent Annual	**Project Number: CS00720**

P&C ENGINEERING	
OP-22 - Are PMUs and DDR required?	No
If BPS, is an NPCC Directory #4 presentation required?	No
Are ISO-NE OP-24 Appendix B updates necessary?	No
TRANSMISSION LINE ENGINEERING	
Are there any changes that affect the baseline EMF?	No
Are there any changes that affect the baseline EMI?	No
SITING	
Has Siting reviewed this project?	No
Name of Siting contact:	N/A
Is a Siting filing required? *(If yes, list in regulatory approvals section)*	No
PERMITTING	
Is there any permitting required? *(If yes, list in regulatory approvals section)*	No
PROJECT SERVICES (OUTREACH) and ROW WORK COORDINATION	
Has Project Services reviewed this project?	No Choose an item
Name of Project Services contact:	N/A
What is the level of outreach expected?	None
Has ROW Coordination reviewed this project?	No
Is this project coordinating with other existing scheduled work?	No
ENVIRONMENTAL JUSTICE COMMUNITIES	
Has the Equity and Environmental Justice team reviewed this project?	N/A
Name of Equity and Environmental Justice contact:	N/A
Is any part of this project in an Environmental Justice Community?	No
Was the Equity Framework Checklist completed?	N/A
Has enhanced outreach required per State Regulatory requirements been completed?	N/A
INITIATOR	
Has a field constructability review been completed?	NR

Project Checklist - Transmission & Substation Capital Project	
Project Name: [redacted] ATS Replacement Emergent Annual	**Project Number: CS00720**
INVESTMENT RECOVERY	
Does the project require development of an Investment Recovery plan?	No
COST ESTIMATING	
What team/firm prepared the cost estimate?	Other (specify below)
Name of the person who prepared the estimate:	[redacted]
Was the estimate reviewed by Eversource Estimating?	No - Indirects Only

D- Station | PAF (dollars in thousands) | And on years | e version; rev27

Line item Category	Prior Authorized	Actuals to Date	2025 to Go	2026	2027	2028	2029	2030	Total
1. ROW / Easements / Land purchases									
2. Environmental Approvals / Permits									
3. Outreach									
4. Siting Approvals / Permits									
5. Engineering / Design		$21	$2						$23
6. Materials (Eversource purchased)		$79	$2						$81
7. Construction (incl matl's by contractors)		$144	$41						$185
8. Testing / Commissioning		$1	$5						$6
9. PMT Project Mgmt Team			$7						$7
10. Removals		$27	$3						$30
11. Other									
12. Risks									
Project Directs Total w/Risks		**$272**	**$60**						**$332**
13. Indirects/Overhead		$193	$69						$262
14. AFUDC		$22	$11						$33
Project Total - Baseline Budget		**$487**	**$141**						**$628**
15. Contingency									
#N/A									
Project Total - Funding Approval Level		**$487**	**$141**						**$628**
16. Reimbursables/Customer Contribution									
#N/A									
Project Total (less reimbursables)		**$487**	**$141**						**$628**
Total O&M									
TOTAL REQUEST		**$487**	**$141**						**$628**

Breakout costs incl above

ST Labor		$166	$44						$210
OT Labor									
Outside services - Labor			$11						$11
Materials (All materials incl. outside service purchased which is shown in constr. above)		$79	$2						$81
Removals		$27	$3						$30
Other									
Indirects		$193	$69						$262
AFUDC		$22	$11						$33
TOTAL CAPITAL REQUEST - with out Reimbursables		**$487**	**$141**						**$628**

Checks

$	-	totals from calc sheets
$	-	totals from calc sheets
$	-	totals from calc sheets
$	627,508	totals from calc sheets
$	627,508	sum of above
$	627,508	sum of these PAF totals

Instructions:

1. Input the project type info into the green cells on the Overall summary tab / answer escalation question
2. Input direct costs (DOLLARS AMOUNTS) and customer contribution (if applicable) in the green highlighted cells for the appropriate company which are separate tabs (green tabs)
3. Input customer contribution as a negative number
4. T vs. D and Line work and station work have different loader rates so make sure you fill out the correct template section of each tab
5. Input years in green cells on overall summary tab, they then flow thru the other tabs.

Template version: rev27

Template version: rev27

D - Station Work

Direct Costs

Indirect Summary Code	PAF code 1	PAF code 2	WBS Code	WBS Description	Rates	Prior Authorized	Actuals to Date	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
				Costs														
				Eversource Internal														
1			1	ROW / Easements / Land purchases			$ -											
1			2	Environmental Approvals / Permits			$ -											
1			3	Outreach			$ -											
1			4	Siting Approvals / Permits			$ -											
2			5	Engineering / Design			$ 21 000	$ 2 000										
3			6	Materials			$ 79 000	$ 2 000										
2			7	Construction			$144 000	$ 35 000										
2			8	Testing / Commissioning			$ 1 000	$ 5 000										
1			9	PMT Project Mgmt Team			$ -	$ 2 000										
2			10	Remeals			$ 27 000	$ 3 000										
5			11	Other			$ -	$ -										
6			12	Risks			$ -	$ -										
7			15	Contingency			$ -	$ -										
				Outside vendor or contractor														
4			1	ROW / Easements / Land purchases														
4			2	Environmental Approvals / Permits														
4			3	Outreach														
4			4	Siting Approvals / Permits														
4			5	Engineering / Design														
3			6	Materials														
				Construction														
4			7					$ 6 000										
4			8	Testing / Commissioning														
4			9	PMT Project Mgmt Team				$ 5 000										
4			10	Remeals														
5			11	Other														
6			12	Risks														
7			15	Contingency														
	Totals of above					$ -	$272,000	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 332,000
				Escalation (if not included above)														
				Escalation rates - Eversource Labor														
				Escalation rates - outsourced labor														
				Escalation rates - Materials														
				Eversource Internal														
1			1	ROW / Easements / Land purchases		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Environmental Approvals / Permits														
1			2			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1			3	Outreach		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1			4	Siting Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2			5	Engineering / Design		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3			6	Materials		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Construction														
2			7			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2			8	Testing / Commissioning		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1			9	PMT Project Mgmt Team		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2			10	Remeals		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5			11	Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6			12	Risks														
7			15	Contingency														
				Outside vendor or contractor														
4			1	ROW / Easements / Land purchases		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			2	Environmental Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			3	Outreach		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			4	Siting Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			5	Engineering / Design		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3			6	Materials		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Construction														
4			7			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			8	Testing / Commissioning		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			9	PMT Project Mgmt Team		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4			10	Remeals		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5			11	Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6			12	Risks														
7			15	Contingency														
	Totals of above					$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Escalated costs														
				Eversource Internal														
1	1	1	1	ROW / Easements / Land purchases		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1	2	1	2	Environmental Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1	3	1	3	Outreach		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1	4	1	4	Siting Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	5	1	5	Engineering / Design		$ 21 000	$ 2 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	6	4	6	Materials		$ 79 000	$ 2 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Construction														
2	7	1	7			$144 000	$ 35 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	8	1	8	Testing / Commissioning		$ 1 000	$ 5 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1	9	1	9	PMT Project Mgmt Team		$ -	$ 2 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	10	5	10	Remeals		$ 27 000	$ 3 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	11	6	11	Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	12	6	12	Risks		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	15	6	15	Contingency		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Outside vendor or contractor		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	1	3	1	ROW / Easements / Land purchases		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	2	3	2	Environmental Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	3	3	3	Outreach		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	4	3	4	Siting Approvals / Permits		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	5	3	5	Engineering / Design		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	7	4	6	Materials		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Construction														
4	7	3	7			$ -	$ 6 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	8	3	8	Testing / Commissioning		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	9	3	9	PMT Project Mgmt Team		$ -	$ 5 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	10	5	10	Remeals		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	11	6	11	Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	12	6	12	Risks		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	15	6	15	Contingency		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Totals of above					$ -	$272,000	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 332,000
				Subtotals for applying indirects														
1				Labor (PM/ROW/Env/Outreach/Siting)	Labor (PM/ROW/Env/Outreach/Siting)	$ -	$ -	$ 2 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2				Labor (Eng/Const/Test)	Labor (Eng/Const/Test)	$ -	$193 000	$ 45 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3				Materials	Materials	$ -	$ 79 000	$ 2 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4				Outside Services	Outside Services	$ -	$ -	$ 11 000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5				Other	Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6				Risks	Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7				Contingency	Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Total Direct Costs	**Total Direct Costs**	$ -	$272,000	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 332,000
			16	Customer Contribution	Customer Contribution		$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Indirect Costs	Indirect Costs		$ -											
				Non-Productive(ZNP)	Non-Productive(ZNP)	15.0%	$ -	15.0% $ 7 050	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	15.0% $ -	$ 7 050
				Pens+Benefits(ZPB)	Pens+Benefits(ZPB)	17.0%	$ -	17.0% $ 8 798	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	17.0% $ -	$ 8 798
				General Services(ZGS)	General Services(ZGS)	60.0%	$ -	60.0% $ 1 365	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	60.0% $ -	$ 1 365
				MISC(ZMI)	MISC(ZMI)	10.0%	$ -	10.0% $ 7 723	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	10.0% $ -	$ 7 723
				E&S(ZES,ZEL,ZES)	E&S(ZES,ZEL,ZES)	45.0%	$ -	45.0% 33 852	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	45.0% $ -	$ 33 852
				AG&E(ZAG)	AG&E(ZAG)	1.0%	$ -	1.0% $ 1 111	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	1.0% $ -	$ 1 111
				Lobby Stock	Lobby Stock		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
				Stores Inel rate(ZST)	Stores Inel rate(ZST)	8.0%	$ -	8.0% $ 160	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	8.0% $ -	$ 160
				Vehicles(ZVE)	Vehicles(ZVE)	20.0%	$ -	20.0% $ 9 400	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	20.0% $ -	$ 9 400
15				Total Indirect Costs	Total Indirect Costs			193 000	89 473									282 473
				Total Costs w/o AFUDC	Total Costs w/o AFUDC			465 000	129 473	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	594 473
				AFUDC Rate														
14		8		AFUDC $'s	AFUDC		$ -	0 33 000	11 055									33 055
				TOTALS	TOTALS			497 000	140 528									627 055