Project Authorization Form

Date Prepared:03/23/2018	Project Title: GIS Geo-Spatial Accuracy
Company/ies: ES CT Electric	Project ID Number: CTGISMAP
Organization: CT GIS	Class(es) of Plant:
Project Initiator: [redacted]	Project Category:
Project Owner/Manager: [redacted]	Project Type: *Annual / Specific / Prelim-Phase1*
Project Sponsor: [redacted]	Project Purpose: part of regulatory tracked program?
Estimated in service date:12/31/2020	If Transmission Project: PTF / Non-PTF / NA
Supplement to Existing Authorization?	Capital Investment Part of Original Operating Plan?
Eng./Constr. Resources Budgeted?	O&M Expenses Part of the Original Operating Plan?

Project Authorization

Project authorization must be in accordance with the approval levels included in the Delegation of Authority Policy (DOA).

If Chief Executive Officer or subsidiary board approval is required, document the review by Enterprise Risk Management (ERM) and Financial Planning and Analysis (FP&A)

ERM: _____

FP&A: _____

Executive Summary

[redacted]

[redacted]

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.

Note: Values in Dollars

	Prior Authorized*	2018	2019	2020	Totals
Capital Additions - Direct		$ 1,768,800	$ 4,150,432	$ 2,922,682	$ 8,841,914
Less Customer Contribution					
Removals net of Salvage					
Total - Direct Spending	$ -	$ 1,768,800	$ 4,150,432	$ 2,922,682	$ 8,841,914
Capital Additions - Indirect					
Subtotal Request	$ -	$ 1,768,800	$ 4,150,432	$ 2,922,682	$ 8,841,914
AFUDC					
Total Request	$ -	$ 1,768,800	$ 4,150,432	$ 2,922,682	$ 8,841,914

** to be completed if supplemental authorization is required*

Financial Evaluation

Provide the following financial information (attach additional detail if summarized items are significant or additional information is needed). Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	77,300	116,000	96,210	289,510
Overtime Labor				
Outside Services	1,325,000	1,500,000	1,450,000	4,275,000
Materials	90,000	1,400,000	1,000,000	2,490,000
Other, including contingency amounts (describe)	100,000	800,000	100,000	1,000,000
Total	$1,592,300	$3,816,000	$2,646,210	$8,054,510

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	133,540	233,577	205,450	572,567
Capitalized interest or AFUDC, if any	42,960	100,855	71,022	214,837
Total	$176,500	$334,432	$276,472	$787,404

Total Capital Costs	$1,768,800	$4,150,432	$2,922,682	$8,841,914
Less Total Customer Contribution	0	0	0	
Total Capital Project Costs	$1,768,800	$4,150,432	$2,922,682	$8,841,914
Total O&M Project Costs	0	0	0	0

Note: Explain unique payment provisions, if applicable

If this is a new business project, is a customer contribution required? If yes, please note the contribution amount.

In addition, for all electric and gas growth / new business projects, please attach the CIAC calculation

Provide other financial documentation as warranted by management and / or regulatory precedent. When performing financial analysis, use appropriate discount rate by company (can be provided by Budgeting and Internal Reporting or Financial Planning and Analysis).