

Transmission Internal Order

Date Prepared

04/02/15

WBS#

UTRN.0000327.01

50		Type of Estimate		Cnty Cd		IO Number	
1	A	B	0	C	06	D	V00000001409

Descr Title	2012 rate analysis 138 kV	Assign Date	MM	DD	YY
2	A	B			

				Reimb Cd	Auth Date	MM	DD	YY
3	A. RSN	V	Loc'n	Charlotte	B	C		

Purpose and Necessity

Transmission cost of loop service to a typical substation assuming 138 kV voltage, nominal length and cold construction.
 This estimate includes:
 2 in-line deadend poles on the line to be looped and span guys between the poles
 1 deadend pole is guyed with a span guy and stub and down guy to 3 anchors.
 1 deadend pole is down guyed to 3 anchors
 2 unguyed xmas tree structures at substation
 associated conductors and OHGW
 ICE-T DESIGN NUMBER:

4	Work with IO#	A. IO#	Labor Productivity Rate	81.9
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Poles		Guy and anchor (complete)		Auth'd Mhrs	Tot Job Cost	+Salv & Rec	Auth'd Amt
A. Install	B. Remove	C. Install	D. Remove	E	F	G	H
5				1019	273,879		273,879

Retirements			Description	Account Number		Property Additions, Removals, Salvage, Other Recoveries, O&M (dollar amount)			
Original Cost Acct 108.2	Salvage Acct 108.4	Removal Cost Acct 108.3		E	F	Labor, Vhcl, Misc G	Materials H	Other J	Total K
A	B	C	D						
6	613	1,992	Poles & Fixtures	355		60,023	31,853		91,876
7		3,967	Oh Conductors & Dev.	356		59,559	16,228		75,787
8			Distribution Station Equipment	362		32,717	25,607		58,324
9									0
10									0
11									0
12	613	5,959		Subtotal		152,299	73,688		225,987
13			Engineering and Overhead	399	8			32,860	32,860
14			Allow Funds Used during Construction	399	9				
15				Total Property Additions		152,299	73,688	32,860	258,847
16	Cash		Removal Costs	108	3	5,959			5,959
17	Material and Labor		Less Salvage	108	4				
18	Total		0	108	9				
				Total Chargeable to ER		158,258	73,688	32,860	264,806
			Maint Of OH Trans.	571	1	7,095	1,741		8,836
			Maint of Fiber Optic	935	0	237			237
				Total Operation and Maintenance		7,332	1,741		9,073
				Total Cost of Job		165,590	75,429	32,860	273,879

(1) Engineered by:	Date	(2) Approved:	Date
(3) Authorized:	Date	(4) Approved for Accounting:	Date

Processed: 04/02/15 13:22:09

Construcion Start:

Construcion Comp:

Rev. 09/99

OPC 013332
FPL RC-16