BELLSOUTH

BellSouth Telecommunications, Inc.
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214 6301
Fax 615 214 7406

'01 AUG 8 PM 4 15

EXECUTIVE SECRETARY

August 8, 2001

VIA HAND DELIVERY

CONTAINS PROPRIETARY INFORMATION

David Waddell, Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37238

Re: *Generic Docket to Establish UNE Prices for Line Sharing per FCC 99-355 and Riser Cable and Terminating Wire as Ordered in TRA Docket No. 98-00123*
Docket No. 00-00544

Dear Mr. Waddell:

Enclosed are the original and thirteen copies of the Affidavit of D. Daonne Caldwell and accompanying cost studies for the following elements: Engineering Information, Unbundled Cooper Loop-Non-Designed, Loop Testing, Space Availability Report, and Adjacent Collocation. As explained more fully in the affidavit, these elements fall within the scope of this docket. For example parties to this docket have repeatedly criticized BellSouth's assumption that xDSL loops are provisioned only through a designed process. As a result of ongoing negotiations between BellSouth and CLECs, BellSouth has agreed to provide an Unbundled Cooper Loop – Non-designed. This filing supports the recurring and nonrecurring costs associated with the delivery of this offering to CLECs. BellSouth's cost development followed the same methodology ordered in Docket No. 97-01262 and used in the costs previously filed in Docket No. 00-00544. Additionally the TRA-ordered adjustments outlined in Docket No. 97-01262 are reflected in the costs being filed with the enclosed affidavit.

Also enclosed, for the convenience of the Staff, is a Revised Exhibit JAR-1, the Tennessee Rate Sheet, updated to reflect proposed rates supported by the attached affidavit and cost studies. The rates for these elements are highlighted for ease of reference.

One section of the enclosed cost studies pertaining to collocation costs contains proprietary information and is being submitted to the Authority and parties subject to the terms of the Protective Order entered in this proceeding. This section of the cost study is marked "proprietary."

Copies of the enclosed cost studies are being provided to counsel of record in a CD Rom format. The Affidavit of Daonne Caldwell and Revised Exhibit JAR-1 are being provided to the parties in a paper format.

BellSouth fully expects that the Authority will offer the other parties in this proceeding the opportunity to respond. Thank you for your attention to this matter.

Very truly yours,

Guy M. Hicks

GMH:ch
Enclosure

CERTIFICATE OF SERVICE

I hereby certify that on August 8, 2001, a copy of the foregoing document was served on the parties of record, via the method indicated:

[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	Jon E. Hastings, Esquire Boult, Cummings, et al. P. O. Box 198062 Nashville, TN 37219-8062
[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	James Wright, Esq. United Telephone - Southeast 14111 Capitol Blvd. Wake Forest, NC 27587
[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	Charles B. Welch, Esquire Farris, Mathews, et al. 205 Capitol Blvd, #303 Nashville, TN 37219
[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	James Lamoureux, Esquire AT&T 1200 Peachtree St., NE Atlanta, GA 30309
[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	R. Dale Grimes, Esquire Bass, Berry & Sims 315 Deaderick Street Nashville, TN 37238
[ ] Hand [✓] Mail [ ] Facsimile [ ] Overnight [ ] Electronic	Henry Walker, Esquire Boult, Cummings, et al. 414 Union Ave., #1600 P. O. Box 198062 Nashville, TN 39219-8062

[ ] Hand
[✓] Mail
[ ] Facsimile
[ ] Overnight
[ ] Electronic

Joshua M. Bobeck, Esquire
Swidler Berlin, et al.
3000 K St., NW, #300
Washington, DC 20007-5116

[ ] Hand
[✓] Mail
[ ] Facsimile
[ ] Overnight
[ ] Electronic

Catherine F. Boone, Esq.
Covad Communications Company
10 Glenlake Parkway, Suite 650
Atlanta, GA 30328

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Generic Docket to Establish UNE Prices for Line Sharing per FCC 99-355 and Riser Cable and Terminating Wire as Ordered in TRA Docket No. 98-00123*
Docket No. 00-00544

AFFIDAVIT OF D. DAONNE CALDWELL
ON BEHALF OF BELLSOUTH

STATE OF Georgia
COUNTY OF Fulton

I, D. Daonne Caldwell, being first duly sworn upon oath, do hereby depose and state as follows:

Qualifications

1. My name is D. Daonne Caldwell. I am a Director-Cost Matters in the Finance Department at BellSouth Telecommunications, Inc. ("BellSouth"). My business address is 675 W. Peachtree St. NE, Room 30B49, Atlanta, Georgia 30375.

2. I have previously filed testimony in this docket. In doing so, I presented and supported BellSouth's cost studies for numerous unbundled network elements and combinations of network elements.

Purpose

3. The purpose of my affidavit is to present and support BellSouth's cost studies for additional unbundled network elements ("UNEs"). These elements were identified subsequent to

the hearings held in this docket. BellSouth conducted the studies, attached to this affidavit as Supplemental #2 to Exhibit DDC-1, to meet the directive of the Tennessee Regulatory Authority ("TRA"). The TRA said in establishing this proceeding that there is a need to set permanent, cost-based rates for Line-Conditioning, Access to Loop Make-Up Information, UCLs, and those elements contained in the UNE Remand Order that are the subject of on-going arbitrations. The TRA further stated that setting these rates will foster competition in Tennessee. See Order of Pre-Hearing Officer entered August 20, 2000, at p. 4, paragraph 2. The elements contained in Supplement #2 are: Engineering Information, Unbundled Copper Loop –Non-Designed ("UCL-ND"), Loop Testing, Space Availability Report, and Adjacent Collocation.

Description of Elements

4. Parties to this docket have repeatedly criticized BellSouth's assumption that xDSL loops are provisioned only through a designed process. As a result of ongoing negotiations between BellSouth and Competitive Local Exchange Carriers ("CLECs"), BellSouth has agreed to provide an Unbundled Copper Loop – Non-designed ("UCL-ND"). My testimony supports the recurring and nonrecurring costs associated with the delivery of this offering to CLECs.

5. As the name implies, these loops do not go through the design process BellSouth utilizes to provision UCL-Short and UCL-Long loops. Thus, they are not provisioned with a test point and a Design Layout Record ("DLR") will not be provided. Additionally, the UCL-ND loop will not have a specific length limitation. Since its resistance is restricted to 1300 ohms, the UCL-ND loop generally will be 18,000 feet or less. However, in some cases, the length may be longer based on gauge.

6. Even though the DLR is not provided with the UCL-ND loop, CLECs may request an Engineering Information document from BellSouth (element A.1.8). This document provides loop make-up information, similar to a DLR. The study also includes the cost development for this optional element.

7. In other states in which generic dockets are in progress, BellSouth has made an input adjustment that is reflected in the development of the Engineering Information costs. Specifically, the probability that a loop will not be found in the LFACS database was revised from 58.8% to 20%. BellSouth witness Mr. Pate has testified that in metro areas 80% of the loops will be found in the LFACS database. Even though reports currently support the fact that region-wide 58.8% of the loops will not be found in LFACS, BellSouth has agreed to revise its cost studies to reflect the 20% figure based on Mr. Pate's metro percentage. This input is used in the calculation of the nonrecurring costs of the other xDSL loop elements. BellSouth will take this input change into consideration when BellSouth makes its final compliance run at the direction of the TRA.

8. As I mentioned previously, the UCL-ND is non-designed. Thus, no test point is provisioned. CLECs, however, may desire a joint acceptance test to benchmark the transmission quality of the loop and to ensure compatibility with the xDSL service they wish to provide. These testing parameters include, but are not limited to, testing for non-loading, balance of pair, and continuity from the main distribution frame ("MDF") to the network interface device ("NID"). BellSouth filed Testing Beyond Voice (A.19 elements) previously in this docket. These costs, however, only considered testing a designed loop that had been conditioned. The adjusted loop testing elements also consider testing parameters for non-designed loops (SL1 or

UCL-ND). These reduced A.19 (Loop Testing) costs are reflected in the revised Final Cost Summary.

9. The Federal Communications Commission's ("FCC") Advanced Services Order (Docket No. 98-147) revised BellSouth's obligations with respect to collocation. Thus, consistent with these FCC rules, BellSouth is augmenting the list of collocation elements to include those not previously reviewed by the TRA; Space Availability Report and Adjacent Collocation[1].

10. The Space Availability Report provides a written report specifying the amount of collocation space available at the premises requested, the number of collocators present, any modifications in the use of the space since the last report, and the measures BellSouth is taking to make additional space available.

11. Adjacent Collocation is another form of collocation. Physical Collocation occurs inside the BellSouth central office building. Adjacent Collocation is outside the BellSouth central office building, but on BellSouth "adjacent" property. BellSouth will provide adjacent collocation arrangements where space within the Central Office is exhausted. This is subject to technical feasibility and where the adjacent arrangement does not interfere with access to existing or planned structures or facilities on the Central Office property. Adjacent collocation is also limited to locations permitted by zoning and other applicable state and local regulations.

[1] Specifically, ¶44 of the Advanced Services Order requires that "incumbent LECs, when space is legitimately exhausted in a particular LEC premises, to permit collocation in adjacent controlled environmental vaults or similar structures to the extent technically feasible. ¶58 states that "an incumbent LEC must submit to a requesting carrier within ten days of the submission of the request a report indicating the incumbent LEC's available collocation space in a particular LEC premises."

Cost Methodology

12. BellSouth's cost development followed the same cost methodology ordered in Docket No. 97-01262 and used in the costs previously filed in Docket No. 00544. Additionally, the TRA-ordered adjustments outlined in Docket No. 97-01262 are reflected in the costs being filed with this affidavit.

13. In Docket No. 97-01262, the TRA's response to Issue 1 in the Interim Order[2] established the cost methodology that should provide the foundation for both the cost models and the inputs. Page 8 of the Interim Order states: "The Authority finds that prices should be established using the forward-looking economic cost methodology as defined by the FCC's [Total Element Long Run Incremental Cost] TELRIC methodology, including an appropriate markup for the recovery of shared and common costs. This methodology ensures that costs used to set prices for UNEs will reflect the inputs, quantities, and prices faced by an efficient firm using the least-cost technology." In establishing the pricing standard as TELRIC economic cost, the TRA has also determined that the TELRIC economic cost methodology should be followed for developing the costs. The costs attached to this affidavit comport with that directive.

Conclusion

14. Based on the foregoing, the costs provided by BellSouth meet the cost methodology and input requirements established by the TRA, and provide a valid and appropriate basis for establishing "cost-based" rates.

---

2 Issue 1: What cost methodology should the TRA use in setting interconnection and Unbundled Network Elements ("UNE") prices?

The information contained in this af˜ ˙ ˙ ˙ ˙ ˙ ˙ ˙he best of

DAONNE'S
AFFIDAVIT

my knowledge and belief.

D. Daonne Caldwell

D. D
Direc
BellSouth Telecommunications, Inc.

Subscribed and sworn to before me this 6th
day of August, 2001.

Notary Public
My commission expires:

Notary Public, Cobb County, Georgia
My Commission Expires June 19, 2005

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
A.0	***UNBUNDLED LOCAL LOOP***						
A.1	**2-WIRE ANALOG VOICE GRADE LOOP**						
A.1.8	Engineering Information			$25.33			
A.2	**SUB-LOOP**						
A.2.11	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop	1	$7.30	$147.93	$75.11	$99.96	$16.98
		2	$9.54	$147.93	$75.11	$99.96	$16.98
		3	$12.47	$147.93	$75.11	$99.96	$16.98
A.2.13	Network Interface Device Cross Connect			$11.11	$11.11		
A.2.14	2-Wire Intrabuilding Network Cable (INC)		$1.47	$107.63	$34.81	$94.41	$13.09
A.2.15	4-Wire Intrabuilding Network Cable (INC)		$2.55	$119.40	$46.58	$99.96	$16.98
A.2.17	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up			$517.25			
A.2.18	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up			$42.68			
A.2.19	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up			$358.04			
A.2.20	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up			$105.13			
A.2.21	Sub-Loop - Per Cross Box Location - CLEC Distribution Facility Set-Up			$517.25			
A.2.24	Sub-Loop - Per 4-Wire Analog Voice Grade Loop / Feeder Only	1	$21.52	$137.31	$61.93	$118.04	$30.13
		2	$28.11	$137.31	$61.93	$118.04	$30.13
		3	$36.76	$137.31	$61.93	$118.04	$30.13
A.2.25	Sub-Loop - Per 2-Wire ISDN Digital Grade Loop / Feeder Only	1	$16.11	$142.83	$67.45	$104.67	$18.53
		2	$21.04	$142.83	$67.45	$104.67	$18.53
		3	$27.51	$142.83	$67.45	$104.67	$18.53
A.2.29	Sub-Loop - Per 4-Wire 56 or 64 Kbps Digital Grade Loop / Feeder Only	1	$26.06	$116.00	$40.62	$106.82	$18.91
		2	$34.03	$116.00	$40.62	$106.82	$18.91
		3	$44.50	$116.00	$40.62	$106.82	$18.91
A.2.30	Sub-Loop - Per 2-Wire Copper Loop / Feeder Only	1	$9.52	$114.27	$38.89	$104.67	$18.53
		2	$12.43	$114.27	$38.89	$104.67	$18.53
		3	$16.26	$114.27	$38.89	$104.67	$18.53
A.2.32	Sub-Loop - Per 4-Wire Copper Loop / Feeder Only	1	$14.37	$123.41	$48.03	$110.44	$22.53
		2	$18.76	$123.41	$48.03	$110.44	$22.53
		3	$24.53	$123.41	$48.03	$110.44	$22.53
A.2.40	Sub-Loop - Per 2-Wire Copper Loop / Distribution Only	1	$5.16	$110.71	$37.89	$94.41	$13.09
		2	$6.74	$110.71	$37.89	$94.41	$13.09
		3	$8.81	$110.71	$37.89	$94.41	$13.09

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
A.2.42	Sub-Loop - Per 4-Wire Copper Loop / Distribution Only	1	$6.52	$117.12	$44.30	$99.96	$16.98
		2	$8.52	$117.12	$44.30	$99.96	$16.98
		3	$11.14	$117.12	$44.30	$99.96	$16.98
A.2.44	Network Interface Device (NID) - 2 line			$89.69	$54.56	$0.6391	$0.6391
A.2.45	Network Interface Device (NID) - 6 line			$129.65	$94.51	$0.6522	$0.6522
A.3	**LOOP CHANNELIZATION AND CO INTERFACE (INSIDE CO)**						
A.3.12	Unbundled Loop Concentration - System A (TR008)		$500.18	$613.60			
A.3.13	Unbundled Loop Concentration - System B (TR008)		$54.82	$255.67			
A.3.14	Unbundled Loop Concentration - System A (TR303)		$539.00	$613.60			
A.3.15	Unbundled Loop Concentration - System B (TR303)		$92.37	$255.67			
A.3.16	Unbundled Loop Concentration - DS1 Line Interface Card		$6.23	$74.39	$53.07	$30.23	$8.46
A.3.17	Unbundled Loop Concentration - POTS Card		$2.32	$8.69	$8.65	$9.71	$9.65
A.3.18	Unbundled Loop Concentration - ISDN (Brite Card)		$8.46	$8.69	$8.65	$9.71	$9.65
A.3.19	Unbundled Loop Concentration - SPOTS Card		$12.45	$8.69	$8.65	$9.71	$9.65
A.3.20	Unbundled Loop Concentration - Specials Card		$7.53	$8.69	$8.65	$9.71	$9.65
A.3.21	Unbundled Loop Concentration - TEST CIRCUIT Card		$35.77	$8.69	$8.65	$9.71	$9.65
A.3.22	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data		$11.03	$8.69	$8.65	$9.71	$9.65
A.5	**2-WIRE ISDN DIGITAL GRADE LOOP**						
A.5.6	Universal Digital Channel	1	$21.15	$228.92	$152.42	$110.01	$21.63
		2	$27.62	$228.92	$152.42	$110.01	$21.63
		3	$36.12	$228.92	$152.42	$110.01	$21.63
A.6	**2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP**						
A.6.5	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop **(Nonrecurring with Loop Makeup)**			$198.59	$88.13	$111.76	$20.81
A.6.6	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop **(Nonrecurring without Loop Makeup)**			$123.38	$54.30	$94.14	$15.36
A.7	**2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP**						
A.7.5	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop **(Nonrecurring with Loop Makeup)**			$201.24	$88.80	$111.76	$20.81
A.7.6	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop **(Nonrecurring without Loop Makeup)**			$123.38	$54.30	$94.14	$15.36

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
A.8	**4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP**						
A.8.5	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop **(Nonrecurring with Loop Makeup)**			$214.20	$101.76	$117.67	$24.85
A.8.6	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop **(Nonrecurring without Loop Makeup)**			$136.35	$67.27	$99.69	$19.29
A.9	**4-WIRE DS1 DIGITAL LOOP**						
A.9.21	Sub-Loop Feeder Per 4-Wire DS1 Digital Loop	1	39.74	$116.00	$40.62	$106.82	$18.91
		2	51.90	$116.00	$40.62	$106.82	$18.91
		3	67.86	$116.00	$40.62	$106.82	$18.91
A.12	**CONCENTRATION PER SYSTEM PER FEATURE ACTIVATED (OUTSIDE CENTRAL OFFICE)**						
A.12.1	Unbundled Loop Concentration - System A (TR008)		$554.30	$384.75	$209.58	$229.31	$72.71
A.12.2	Unbundled Loop Concentration - System B (TR008)		$79.61	$384.75	$209.58	$229.31	$72.71
A.12.3	Unbundled Loop Concentration - System A (TR303)		$590.18	$384.75	$209.58	$229.31	$72.71
A.12.4	Unbundled Loop Concentration - System B (TR303)		$115.49	$384.75	$209.58	$229.31	$72.71
A.12.5	Unbundled Sub-loop Concentration - USLC Feeder Interface		$60.89	$116.00	$40.62	$106.82	$18.91
A.12.6	Unbundled Loop Concentration - POTS Card		$2.43	$8.69	$8.65	$9.71	$9.65
A.12.7	Unbundled Loop Concentration - ISDN (Brite Card)		$8.93	$8.69	$8.65	$9.71	$9.65
A.12.8	Unbundled Loop Concentration - SPOTS Card		$13.14	$8.69	$8.65	$9.71	$9.65
A.12.9	Unbundled Loop Concentration - Specials Card		$7.94	$8.69	$8.65	$9.71	$9.65
A.12.10	Unbundled Loop Concentration - TEST CIRCUIT Card		$37.78	$8.69	$8.65	$9.71	$9.65
A.12.11	Unbundled Loop Concentration - Digital 19, 56, 64 Kbps Data		$11.64	$8.69	$8.65	$9.71	$9.65
A.13	**2-WIRE COPPER LOOP**						
A.13.1	2-Wire Copper Loop - short **(Nonrecurring with Loop Makeup)**	1	$13.21	$199.70	$87.26	$111.76	$20.81
		2	$17.25	$199.70	$87.26	$111.76	$20.81
		3	$22.56	$199.70	$87.26	$111.76	$20.81
A.13.1	2-Wire Copper Loop - short **(Nonrecurring without Loop Makeup)**	1	$13.21	$121.84	$52.77	$94.14	$15.36
		2	$17.25	$121.84	$52.77	$94.14	$15.36
		3	$22.56	$121.84	$52.77	$94.14	$15.36
A.13.7	2-Wire Copper Loop - long **(Nonrecurring with Loop Makeup)**	1	$42.00	$187.34	$74.90	$111.76	$20.81
		2	$54.85	$187.34	$74.90	$111.76	$20.81
		3	$71.72	$187.34	$74.90	$111.76	$20.81
A.13.7	2-Wire Copper Loop - long **(Nonrecurring without Loop Makeup)**	1	$42.00	$109.48	$40.41	$94.14	$15.36
		2	$54.85	$109.48	$40.41	$94.14	$15.36
		3	$71.72	$109.48	$40.41	$94.14	$15.36

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
A.13.12	2-Wire Copper Loop - Non-Designed	1	$10.59	$66.92	$30.39	$38.70	$5.97
		2	$13.83	$66.92	$30.39	$38.70	$5.97
		3	$18.09	$66.92	$30.39	$38.70	$5.97
A.14	**4-WIRE COPPER LOOP**						
A.14.1	4-Wire Copper Loop - short **(Nonrecurring with Loop Makeup)**	1	$18.18	$212.67	$100.22	$117.67	$24.85
		2	$23.74	$212.67	$100.22	$117.67	$24.85
		3	$31.05	$212.67	$100.22	$117.67	$24.85
A.14.1	4-Wire Copper Loop - short **(Nonrecurring without Loop Makeup)**	1	$18.18	$134.81	$65.73	$99.69	$19.29
		2	$23.74	$134.81	$65.73	$99.69	$19.29
		3	$31.05	$134.81	$65.73	$99.69	$19.29
A.14.7	4-Wire Copper Loop - long **(Nonrecurring with Loop Makeup)**	1	$56.62	$200.31	$87.86	$117.67	$24.85
		2	$73.94	$200.31	$87.86	$117.67	$24.85
		3	$96.69	$200.31	$87.86	$117.67	$24.85
A.14.7	4-Wire Copper Loop - long **(Nonrecurring without Loop Makeup)**	1	$56.62	$122.45	$53.37	$99.69	$19.29
		2	$73.94	$122.45	$53.37	$99.69	$19.29
		3	$96.69	$122.45	$53.37	$99.69	$19.29
A.15	**UNBUNDLED NETWORK TERMINATING WIRE (NTW)**						
A.15.1	Unbundled Network Terminating Wire (NTW) per Pair		$0.3878	$59.77		$0.5814	
A.16	**HIGH CAPACITY UNBUNDLED LOCAL LOOP**						
A.16.1	High Capacity Unbundled Local Loop - DS3 - Facility Termination		$374.24	$595.37	$304.50	$234.83	$170.16
A.16.2	High Capacity Unbundled Local Loop - DS3 - Per Mile		$9.19				
A.16.3	High Capacity Unbundled Local Loop -DS3 -Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
A.16.4	High Capacity Unbundled Local Loop - OC3 - Facility Termination		$618.88	$787.84	$262.31	$109.04	$105.91
A.16.5	High Capacity Unbundled Local Loop - OC3 - Per Mile		$6.97				
A.16.6	High Capacity Unbundled Local Loopl - OC3 - Incremental Cost Manual Svc Order vs Electronic			$36.84	$36.84	$19.01	$19.01
A.16.7	High Capacity Unbundled Local Loop - OC12 - Facility Termination		$2,246.28	$992.37	$262.31	$109.04	$105.91
A.16.8	High Capacity Unbundled Local Loop - OC12 - Per Mile		$8.58				
A.16.9	High Capacity Unbundled Local Loop -OC12 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
A.16.10	High Capacity Unbundled Local Loop - OC48 - Facility Termination		$1,490.11	$1,190	$255.01	$128.05	$124.92
A.16.11	High Capacity Unbundled Local Loop - OC48 - Per Mile		$28.14				
A.16.12	High Capacity Unbundled Local Loop - OC48 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
A.16.13	High Capacity Unbundled Local Loop - OC48 - Interface OC12 on OC48		$678.67	$177.59	$163.78	$109.04	$105.91
A.16.14	High Capacity Unbundled Local Loop - OC48 - Interface-Incremental Cost-Manual Svc Order vs Electronic			$36.84	$36.84	$19.01	$19.01
A.16.15	High Capacity Unbundled Local Loop - STS-1 - Facility Termination		$389.35	$595.37	$304.50	$215.82	$151.15
A.16.16	High Capacity Unbundled Local Loop - STS-1 - Per Mile		$9.19				
A.16.17	High Capacity Unbundled Local Loop - STS-1 - Incremental Cost - Manual Svc. Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
A.17	**LOOP CONDITIONING**						
A.17.1	Unbundled Loop Modification - Load Coil / Equipment Removal - short		$61.45				
A.17.2	Unbundled Loop Modification - Load Coil / Equipment Removal - long - First and Additional			$321.99			
A.17.3	Unbundled Loop Modification - Bridged Tap Removal		$61.49				
A.17.4	Unbundled Loop Modification - Additive			$12.36	$12.36		
A.17.5	Unbundled Sub-Loop Modification - 2W/4W Copper Distribution Load Coil/Equipment Removal First/Add'l			$335.36	$7.82		
A.17.6	Unbundled Sub-Loop Modification - 2W/4W Copper Distribution Bridged Tap Removal First/Add'l			$528.48	$9.74		
A.19	**LOOP TESTING**						
A.19.1	**Loop Testing - Basic per 1/2 hour**			**$64.92**	**$37.44**		
A.19.2	**Loop Testing - Overtime per 1/2 hour**			**$84.61**	**$48.95**		
A.19.3	**Loop Testing - Premium per 1/2 hour**			**$104.31**	**$60.48**		
D.0	***UNBUNDLED TRANSPORT AND LOCAL INTERCONNECTION***						
D.5	**LOCAL CHANNEL - DEDICATED**						
D.5.7	Local Channel - Dedicated - DS3 - Per Mile		$7.15				
D.5.8	Local Channel - Dedicated - DS3 - Facility Termination		$611.30	$595.37	$304.50	$215.82	$151.15
D.5.9	Local Channel - Dedicated - DS3 -Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.5.10	Local Channel - Dedicated - OC3 - Per Mile		$6.00				
D.5.11	Local Channel - Dedicated - OC3 - Facility Termination		$1,320.28	$787.84	$262.31	$109.04	$105.91
D.5.12	Local Channel - Dedicated - OC3 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.5.13	Local Channel - Dedicated - OC12 - Per Mile		$8.58				
D.5.14	Local Channel - Dedicated - OC12 - Facility Termination		$7,849.28	$992.37	$262.31	$109.04	$105.91
D.5.15	Local Channel - Dedicated - OC12 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
D.5.16	Local Channel - Dedicated - OC48 - Per Mile		$28.14				
D.5.17	Local Channel - Dedicated - OC48 - Facility Termination		$1,908.11	$985.07	$255.01	$109.04	$105.91
D.5.18	Local Channel - Dedicated - OC48 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.5.19	Local Channel - Dedicated - OC48 - Interface OC12 on OC48		$644.82	$382.12	$163.78	$109.04	$105.91
D.5.20	Local Channel - Dedicated - OC48 - Interface - Inc. Cost - Man. Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.5.21	Local Channel - Dedicated - STS-1 - Facility Termination		$599.59	$588.07	$297.20	$215.82	$151.15
D.5.22	Local Channel - Dedicated - STS-1 - Incremental Cost - Manual Svc. Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.5.23	Local Channel - Dedicated - STS-1 -Per Mile		$7.15				
D.6	**INTEROFFICE TRANSPORT - DEDICATED - DS3**						
D.6.1	Interoffice Transport - Dedicated - DS3 - Per Mile		$2.34				
D.6.2	Interoffice Transport - Dedicated - DS3 - Facility Termination		$848.99	$395.29	$176.56	$109.04	$105.91
D.6.3	Interoffice Transport - DS3 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.7	**INTEROFFICE TRANSPORT - DEDICATED - OC3**						
D.7.1	Interoffice Transport - Dedicated - OC3 - Per Mile		$4.43				
D.7.2	Interoffice Transport - Dedicated - OC3 - Facility Termination		$2,361.11	$689.30	$163.78	$109.04	$105.91
D.7.3	Interoffice Transport - Dedicated - OC3 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.8	**INTEROFFICE TRANSPORT - DEDICATED - OC12**						
D.8.1	Interoffice Transport - Dedicated - OC12 - Per Mile		$14.41				
D.8.2	Interoffice Transport - Dedicated - OC12 - Facility Termination		$9,124.11	$893.84	$163.78	$109.04	$105.91
D.8.3	Interoffice Transport - Dedicated - OC12 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.9	**INTEROFFICE TRANSPORT - DEDICATED - OC48**						
D.9.1	Interoffice Transport - Dedicated - OC48 - Per Mile		$26.52				
D.9.2	Interoffice Transport - Dedicated - OC48 - Facility Termination		$13,229.11	$893.84	$163.78	$109.04	$105.91
D.9.3	Interoffice Transport - Dedicated - OC48 - Incremental Cost - Manual Svc. Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.9.4	Interoffice Transport - Dedicated - OC48 - Interface OC12 on OC48			$382.12	$163.78	$109.04	$105.91
D.9.5	Interoffice Transport - OC48 Interface - Incremental Cost-Manual Svc Order vs Elec			$36.84	$36.84	$19.01	$19.01

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
D.10	**INTEROFFICE TRANSPORT - DEDICATED - STS-1**						
D.10.1	Interoffice Transport - Dedicated - STS-1 - Per Mile		$2.34				
D.10.2	Interoffice Transport - Dedicated - STS-1 - Facility Termination		$849.30	$395.29	$176.56	$109.04	$105.91
D.10.3	Interoffice Transport - STS-1 - Incremental Cost - Manual Svc Order vs. Electronic			$36.84	$36.84	$19.01	$19.01
D.12	**INTEROFFICE TRANSPORT - DEDICATED - 4-WIRE VOICE GRADE**						
D.12.1	Interoffice Transport - Dedicated - 4-Wire Voice Grade - Per Mile		$0.0054				
D.12.2	Interoffice Transport - Dedicated - 4-Wire Voice Grade - Facility Termination		$24.09	$37.87	$26.02	$30.78	$13.07
D.12.3	Interoffice Transpor t- Dedicated - 4-Wire VG-Incremental Cost-Manual Svc Order vs Elec			$15.08	$15.08	$8.66	$8.66
E.0	***SIGNALING NETWORK, DATA BASES, & SERVICE MANAGEMENT SYS.***						
E.3	**CCS7 SIGNALING TRANSPORT**						
E.3.7	CCS7 Signaling Connection, Per link (A link) (Same as E.3.1)		$17.84	$130.84			
E.3.8	CCS7 Signaling Connection, Per link (B link) (also known as D link)(Same as E.3.1)		$17.84	$130.84			
E.3.9	CCS7 Signaling Usage, Per ISUP Message(Same as E.3.3)		$0.0000373				
E.3.10	CCS7 Signaling Usage Surrogate, per link per LATA per mo (9)(Same as E.3.5)		$352.30				
E.3.11	CCS7 Signaling Point Code, Establishment or Change, per STP affected			$121.77			
E.4	**BELLSOUTH CALLING NAME (CNAM) DATABASE (DB) SERVICE**						
E.4.1	CNAM for DB Owners - Service Establishment, Manual			$43.27		$39.79	
E.4.2	CNAM for Non DB Owners - Service Establishment, Manual			$43.27		$39.79	
E.4.3	CNAM for DB Owners Service Provisioning with Point Code Establishment			(I) $1,868	(S) $1,382	(I) $507.09	(S) $372.86
E.4.4	CNAM for Non DB Owners Service Provisioning with Point Code Establishment			(I) $645.50	(S) $462.23	(I) $519.01	(S) $372.86
E.4.5	CNAM for DB and Non DB Owners, Per Query		$0.0010541				
E.5	**BELLSOUTH ACCESS TO 911 SERVICE**						
E.5.1	BellSouth E911 Access - Local Channel - Dedicated - 2-wire Voice Grade (Same as D.5.1)	1	$17.18	$199.33	$24.16	$54.81	$4.80
		2	$22.44	$199.33	$24.16	$54.81	$4.80
		3	$29.34	$199.33	$24.16	$54.81	$4.80
E.5.2	BellSouth E911 Access - Interoffice Transport - Dedicated - 2-wire Voice Grade Per Mile (Same as D.2.1)		$0.02				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
E.5.3	BellSouth E911 Access - Interoffice Transport - Dedicated - 2-wire VG Facility Term (Same as D.2.2)		$18.58	$55.39	$17.37	$27.96	$3.51
E.5.4	BellSouth E911 Access - Local Channel - Dedicated - DS1 (Same as D.5.3)	1	$36.24	$277.35	$233.26	$33.18	$22.30
		2	$47.33	$277.35	$233.26	$33.18	$22.30
		3	$61.89	$277.35	$233.26	$33.18	$22.30
E.5.5	BellSouth E911 Access - Interoffice Transport - Dedicated - DS1 Per Mile (Same as D.4.1)		$0.36				
E.5.6	BellSouth E911 Access - Interoffice Transport - Dedicated - DS1 Per Facility Termination (Same as D.4.2)		$77.86	$112.40	$76.27	$19.55	$14.99
E.6	**LNP QUERY SERVICE**						
E.6.1	LNP Cost Per query		$0.0009277				
E.6.2	LNP Service Establishment Manual			$23.60		$21.71	
E.6.3	LNP Service Provisioning with Point Code Establishment			(I) $1,119	(S) $571.71	(I) $507.09	(S) $372.86
G.0	***SELECTIVE ROUTING***						
G.11	SELECTIVE CARRIER ROUTING (AIN SOLUTION)						
G.11.1	Service Establishment per CLEC			$190,638		$16,200	
G.11.2	Service Establishment per End Office			$317.55		$3.19	
G.11.4	Query Cost		$0.0206047				
H.0	***COLLOCATION***						
H.1.	**PHYSICAL COLLOCATION**						
H.1.47	**Physical Collocation - Space Availability Report per C.O.**			**$2,027.00**			
H.3	**ASSEMBLY POINT**						
H.3.1	Assembly Point: 2-Wire Cross Connects		$1.29	$11.03	$10.09	$11.29	$10.19
H.3.2	Assembly Point: 4-Wire Cross Connects		$2.22	$11.21	$10.22	$11.58	$10.40
H.3.3	Assembly Point: DS-1 Cross Connects		$12.77	$28.30	$16.79	$11.61	$10.50
H.3.4	Assembly Point 2-Wire Cross Connect Incremental Cost Manual vs. Electronic Service Order			$1.87	$1.87	$1.13	$1.13
H.3.5	Assembly Point 4-Wire Cross Connect Incremental Cost Manual vs. Electronic Service Order			$1.87	$1.87	$1.16	$1.16
H.3.6	Assembly Point DS1 Cross Connect Incremental Cost Manual vs. Electronic Service Order			$1.87	$1.87	$1.16	$1.16

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
H.4	**ADJACENT COLLOCATION**						
H.4.1	Adjacent Collocation - Space Cost per Sq. Ft.		$0.0656				
H.4.2	Adjacent Collocation - Electrical Facility Cost per Linear Ft.		$5.53				
H.4.3	Adjacent Collocation - 2-Wire Cross-Connects		$0.34	$11.12	$10.18	$11.33	$10.23
H.4.4	Adjacent Collocation - 4-Wire Cross-Connects		$0.33	$11.30	$10.31	$11.62	$10.44
H.4.5	Adjacent Collocation - DS1 Cross-Connects		$1.70	$28.39	$16.88	$11.65	$10.54
H.4.6	Adjacent Collocation - DS3 Cross-Connects		$19.03	$26.23	$15.51	$13.40	$10.77
H.4.7	Adjacent Collocation - 2-Fiber Cross-Connect		$3.49	$26.23	$15.51	$13.41	$10.78
H.4.8	Adjacent Collocation - 4-Fiber Cross-Connect		$6.50	$29.75	$19.02	$17.60	$14.97
H.4.9	Adjacent Collocation - Application Cost			$2,973		$0.95	
	Adjacent Collocation - Cross-Connects - Incremental Cost - Manual Svc. Order vs. Electronic Svc. Order			$1.77	$1.77	$1.12	$1.12
H.4.16	Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp		$5.81				
H.4.17	Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp		$11.64				
H.4.18	Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp		$17.45				
H.4.19	Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp		$40.30				
H.6	**PHYSICAL COLLOCATION IN THE REMOTE TERMINAL (RT)**						
H.6.1	Physical Collocation In The Remote Terminal - Application Fee			$580.20		$312.76	
H.6.2	Physical Collocation In The Remote Terminal - Per Rack/Bay		$220.41				
H.6.3	Physical Collocation In The Remote Terminal - Security Access Key			$24.69			
H.6.4	Physical Collocation in the RT - Space Availability Report per premises requested			$218.49			
H.6.5	Physical Collocation in the RT- Remote Site CLLI Code Request, per CLLI Code Requested			$70.81			
J.0	***OTHER***						
J.1	**DARK FIBER**						
J.1.2	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof - Local Channel/Loop		$58.83	$1,121	$153.19	$580.26	$357.17
J.1.3	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof - Interoffice		$28.74	$1,121	$153.19	$580.26	$357.17
J.3	**LOOP MAKE-UP**						
J.3.1	Mechanized Loop Make-up		$0.7644187				
J.3.3	Manual Loop Make-up w/o Facility Reservation Number			$74.46			
J.3.4	Manual Loop Make-up w/ Facility Reservation Number			$77.18			

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

BellSouth Telecommunications, Inc.
TRA Docket No. 00-00544
Exhibit JAR-1
November 13, 2000
Corrected July 6, 2001
Updated August 6, 2001

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
J.4	**LINE SHARING SPLITTER IN THE CENTRAL OFFICE**						
J.4.1	Line Sharing Splitter - per Splitter System 96-Line Capacity in the Central Office		$183.79	$371.63		$349.37	
J.4.2	Line Sharing Splitter - per Splitter System 24-Line Capacity in the Central Office		$45.95	$371.63		$349.37	
J.4.3	Line Sharing Splitter - per Line Activation in the Central Office		$8.70	$39.39	$15.70	$35.06	$10.79
J.4.4	Line Sharing Splitter - per Subsequent Activity per Line Arrangement		$0.27	$34.56	$12.62	$16.43	$1.64
J.4.6	Line Sharing - per CLEC/DLEC Owned Splitter in the Central Office (per LSOD)			$108.66		$82.12	
J.4.7	Line Sharing - per CLEC/DLEC Owned Splitter in the Central Office (per order for J.4.7)			$54.40		$10.59	
J.4.8	Line Sharing - per CLEC/DLEC Owned Splitter in the Central Office (per occurrence of each group of 24 lines (48 pairs))				(S) $15.63		(S) $18.26
J.5	**ACCESS TO THE DCS**						
J.5.1	Customer Reconfiguration Establishment			$2.78		$3.32	
J.5.2	DS1 DCS Termination with DS0 Switching		$23.35	$41.14	$34.25	$29.94	$24.08
J.5.3	DS1 DCS Termination with DS1 Switching		$13.46	$27.79	$20.90	$21.99	$16.12
J.5.4	DS3 DCS Termination with DS1 Switching		$150.88	$41.14	$34.25	$29.94	$24.08
L.0	***ACCESS DAILY USAGE FILE (ADUF)***						
L.1	**ACCESS DAILY USAGE FILE (ADUF)**						
L.1.1	ADUF, Message Processing, per message		$0.0158054				
L.1.3	ADUF, Data Transmission (CONNECT:DIRECT), per message		$0.0001387				
M.0	***DAILY USAGE FILES***						
M.1	**ENHANCED OPTIONAL DAILY USAGE FILE**						
M.1.1	Enhanced Optional Daily usage File: Message Processing, Per Message		$0.2921174				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.0	***UNBUNDLED LOOP COMBINATIONS***						
P.13	**EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT**						
P.13-1	First DS1 in DS3	1	$1,153.26				
		2	$1,170.93				
		3	$1,194.12				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT- NEW			$965.91	$400.64	$161.42	$67.08
P.13-2	D.6.1 Interoffice Transport - Dedicated - DS3 - Per Mile		$2.34				
P.13-3	Additional DS1 in same DS3	1	$75.45				
		2	$93.12				
		3	$116.31				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.16	**2-WIRE LOOP/ 2 WIRE VOICE GRADE IO TRANSPORT/ 2 WIRE PORT**						
P.16-1	Fixed - Switch as is	1	$40.00	$11.18	$3.52		
		2	$45.07	$11.18	$3.52		
		3	$51.72	$11.18	$3.52		
P.16.2	D.2.1 Interoffice Transport - Dedicated - 2-Wire Voice Grade - Per Mile		$0.0174				
P.23	**EXTENDED 2-WIRE VOICE GRADE LOOP/ 2 WIRE VOICE GRADE INTEROFFICE TRANSPORT**						
P.23-1	Fixed	1	$38.35				
		2	$43.42				
		3	$50.07				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 2-WIRE VOICE GRADE LOOP/ 2 WIRE VOICE GRADE INTEROFFICE TRANSPORT - NEW			$251.11	$100.39	$142.26	$41.86
P.23-2	D.2.1 Interoffice Transport - Dedicated - 2-Wire Voice Grade - Per Mile		$0.0174				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
P.24	**EXTENDED 4-WIRE VOICE GRADE LOOP/ 4 WIRE VOICE GRADE INTEROFFICE TRANSPORT**						
P.24-1	Fixed	1	$52.00				
		2	$59.56				
		3	$69.48				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE VOICE GRADE LOOP/ 4 WIRE VOICE GRADE INTEROFFICE TRANSPORT - NEW			$251.11	$100.39	$142.26	$41.86
P.24-2	D.12.1 Interoffice Transport - Dedicated - 4-Wire Voice Grade - Per Mile		$0.0054				
P.25	**EXTENDED DS3 DIGITAL LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT**						
P.25-1	Fixed		$1,228.44				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED DS3 DIGITAL LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT - NEW			$784.76	$355.52	$171.21	$80.67
P.25-2	D.6.1 Interoffice Transport - Dedicated - DS3 - Per Mile		$2.34				
P.25-3	A.16.2 High Capacity Unbundled Local Loop - DS3 - Per Mile		$9.19				
P.26	**EXTENDED STS1 DIGITAL LOOP WITH DEDICATED STS1 INTEROFFICE TRANSPORT**						
P.26-1	Fixed		$1,243.86				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED STS1 DIGITAL LOOP WITH DEDICATED STS1 INTEROFFICE TRANSPORT - NEW			$784.76	$355.52	$171.21	$80.67
P-26-2	D.10.1 Interoffice Transport - Dedicated - STS-1 - Per Mile		$2.34				
P.26-3	A.16.16 High Capacity Unbundled Local Loop - STS-1 - Per Mile		$9.19				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.50	**4-WIRE DS1 LOOP WITH CHANNELIZATION WITH PORT**						
P.50.VG-1	First Voice Grade in DS1 - Switch as is	1	$196.36	$303.61	$15.74		
		2	$214.03	$303.61	$15.74		
		3	$237.22	$303.61	$15.74		
P.50.VG-2	Additional Voice Grade in same DS1		$6.51				
P.50.DID-1	First 2-Wire DID in DS1 - Switch as is	1	$201.23	$303.61	$15.74		
		2	$218.90	$303.61	$15.74		
		3	$242.09	$303.61	$15.74		
P.50.DID-2	Additional 2-Wire DID in same DS1		$11.13				
P.50.ISDN-1	First ISDN in DS1 - Switch as is	1	$212.36	$303.61	$15.74		
		2	$230.03	$303.61	$15.74		
		3	$253.22	$303.61	$15.74		
P.50.ISDN-2	Additional ISDN in same DS1		$22.51				
P.50.4	4-Wire DS1 Loop/Channelization Port Combination - Subsequent Activity - Add Lines - Per Line			$89.90			
P.50.5	4-Wire DS1 Loop/Channelization Port Combination - Subsequent Activity - Add Trunks - Per Trunk			$117.43			
P.51	**EXTENDED 2-WIRE ISDN LOOP WITH DS1 INTEROFFICE TRANSPORT**						
P.51-1	First 2-Wire ISDN in DS1	1	$188.66				
		2	$195.46				
		3	$204.39				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 2-WIRE ISDN LOOP WITH DS1 INTEROFFICE TRANSPORT - NEW			$485.24	$198.75	$146.05	$44.50
P.51-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.51-3	Additional 2-wire ISDN in same DS1	1	$25.46				
		2	$32.26				
		3	$41.19				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
P.52	**EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT**						
P.52-1	First in DS1 in STS1	1	$1,147.59				
		2	$1,165.26				
		3	$1,188.45				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT - NEW			$965.91	$400.64	$161.42	$67.08
P.52-2	D.10.1 Interoffice Transport - Dedicated - STS-1 - Per Mile		$2.34				
P.52-3	Additional DS1 in same STS1	1	$75.31				
		2	$92.98				
		3	$116.17				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.53	**EXTENDED 2-WIRE VOICE GRADE LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**						
P.53-1	First 2-Wire VG in First DS1 in DS3	1	$416.86				
		2	$421.93				
		3	$428.58				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 2-WIRE VOICE GRADE LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX - NEW			$485.24	$198.75	$146.05	$44.50
P.53-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.53-3	Additional 2-Wire VG in same DS1	1	$17.61				
		2	$22.68				
		3	$29.33				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.53-4	Additional DS1 in same DS3		$176.35				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.54	**EXTENDED 4-WIRE VOICE GRADE LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**						
P.54-1	First 4-Wire VG in First DS1 in DS3	1	$429.71				
		2	$437.27				
		3	$447.19				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE VOICE GRADE LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX - NEW			$485.24	$198.75	$146.05	$44.50
P.54-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.54-3	Additional 4-Wire VG in same DS1	1	$25.75				
		2	$33.31				
		3	$43.23				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.54-4	Additional DS1 in same DS3		$176.35				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.55	**EXTENDED 4-WIRE 56 OR 64 KBPS DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**						
P.55-1	First 4-Wire in First DS1 in DS3	1	$436.82				
		2	$446.33				
		3	$458.83				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE 56 OR 64 KBPS DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX - NEW			$485.24	$198.75	$146.05	$44.50
P.55-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.55-3	Additional 4-Wire in same DS1	1	$33.06				
		2	$42.57				
		3	$55.07				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.55-4	Additional DS1 in same DS3		$176.35				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.56	**EXTENDED 2-WIRE ISDN LOOP WITH DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**						
P.56-1	First 2-Wire in First DS1 in DS3	1	$429.22				
		2	$436.02				
		3	$444.95				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 2-WIRE ISDN LOOP WITH DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX - NEW			$485.24	$198.75	$146.05	$44.50
P.56-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.56-3	Additional 2-Wire in same DS1	1	$25.46				
		2	$32.26				
		3	$41.19				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

Tennessee Rate Sheet

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring First	Nonrecurring Additional	Disconnect First	Disconnect Additional
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.56-4	Additional DS1 in same DS3		$176.35				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.57	**EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX**						
P.57-1	First 4-Wire DS1 in DS3	1	$380.86				
		2	$398.53				
		3	$421.72				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT W/ 3/1 MUX - NEW			$485.24	$198.75	$146.05	$44.50
P.57-2	D.4.1 Interoffice Transport - Dedicated - DS1 - Per Mile		$0.3562				
P.57-3	Additional 4-Wire DS1 in same DS3	1	$153.31				
		2	$170.98				
		3	$194.17				
	P.17.16 Nonrecurring Cost - New Feature Activation for Combination Use Only			$36.96	$14.84		
P.58	**EXTENDED 4-WIRE 56 OR 64 KBPS DIGITAL LOOP WITH DS0 INTEROFFICE TRANSPORT**						
P.58-1	Fixed	1	$52.29				
		2	$61.80				
		3	$74.30				
	P.17.1 Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is			$52.73	$24.62	$9.12	$9.12
	Nonrecurring - EXTENDED 4-WIRE 56 OR 64 KBPS DIGITAL LOOP WITH DS0 INTEROFFICE TRANSPORT - NEW						
P.58-2	D.3.1 Interoffice Transport - Dedicated - DS0 - Per Mile		$0.0174				

Notes: (I) - Initial; (S) - Subsequent
(144355 v3)

TENNESSEE DOCKET NO. 00-00544

BELLSOUTH UNE COST STUDIES

SUPPLEMENT NO. 2

PUBLIC VERSION

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
TABLE OF CONTENTS

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 1
EXECUTIVE SUMMARY

STATEMENT OF PURPOSE

BellSouth Telecommunications, Inc. (hereinafter referred to as BellSouth or the Company) is filing cost studies for unbundled network elements (UNEs) for which the Tennessee Regulatory Authority (TRA) has not previously established permanent rates. Included in this document are Total Element Long Run Incremental Cost (TELRIC) studies, including shared and common costs, which comply with the orders and regulations established by the TRA in Docket No. 97-01262. The shared and common factors used in these studies are those adopted by the TRA in Docket No. 97-01262. Other factors and labor rates, not specifically addressed by the TRA in Docket No. 97-01262, have been updated from the values presented in Docket No. 97-01262 to reflect a 2000-2002 study period.

BellSouth TELRIC Calculator
Unbundled Network Cost Elements Summary Report
Tennessee
Base Case - Recurring Only

7/30/01

			Non	Non-Recurring				Testing spread over service life		
	Cost Element	**Recurring**	**Recurring**	**First**	**Additional**	**Initial**	**Subsequent**	**Service Life**	**Cost**	**Monthly Cost**
A.0	UNBUNDLED LOCAL LOOP									
A.1	2-WIRE ANALOG VOICE GRADE LOOP									
A.1.8	Engineering Information		$25.33							
A.13	2-WIRE COPPER LOOP									
A.13.12	2-Wire Copper Loop - Non Designed	$11.31		$54.56	$18.03					
A.13.1298	2-Wire Copper Loop - Non Designed - Test			$18.47	$15.68			46	$18.47	$0.48
A.13.1299	2-Wire Copper Loop - Non Designed - Disconnect			$38.70	$5.97					
A.19	LOOP TESTING									
A.19.1	Loop Testing - Basic per 1/2 hour			$64.92	$37.44					
A.19.2	Loop Testing - Overtime per 1/2 hour			$84.61	$48.95					
A.19.3	Loop Testing - Premium per 1/2 hour			$104.31	$60.48					
H.0	COLLOCATION									
H.1	PHYSICAL COLLOCATION									
H.1.47	Physical Collocation - Space Availability Report per CO		$2,027							
H.4	ADJACENT COLLOCATION									
H.4.1	Adjacent Collocation - Space Cost per Sq. Ft.	$0.0656								
H.4.2	Adjacent Collocation - Electrical Facility Cost per Linear Ft.	$5.53								
H.4.3	Adjacent Collocation - 2-Wire Cross-Connects	$0.0216		$11.12	$10.18					
H.4.4	Adjacent Collocation - 4-Wire Cross Connects	$0.0431		$11.30	$10.31					
H.4.5	Adjacent Collocation - DS1 Cross-Connects	$1.38		$28.39	$16.88					
H.4.6	Adjacent Collocation - DS3 Cross-Connects	$18.71		$26.23	$15.51					
H.4.7	Adjacent Collocation - 2-Fiber Cross-Connect	$3.17		$26.23	$15.51					
H.4.8	Adjacent Collocation - 4-Fiber Cross-Connect	$6.06		$29.75	$19.02					
H.4.9	Adjacent Collocation - Application Cost		$2,973							
H.4.10	Adjacent Collocation - 2-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.11	Adjacent Collocation - 4-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.12	Adjacent Collocation - DS-1 Cross Connect -Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.13	Adjacent Collocation - DS-3 Cross Connect -Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.14	Adjacent Collocation - 2-Fiber Cross Connect -Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.15	Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order			$1.77	$1.77					
H.4.16	Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp	$5.81								
H.4.17	Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp	$11.64								
H.4.18	Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp	$17.45								
H.4.19	Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp	$40.30								
H.4.398	Adjacent Collocation - 2-Wire Cross-Connects - Test			$12.37	$12.37			46	$12.37	$0.32
H.4.399	Adjacent Collocation - 2-Wire Cross-Connects - Disconnect			$11.33	$10.23					
H.4.498	Adjacent Collocation - 4-Wire Cross Connects - Test			$12.37	$12.37			52	$12.37	$0.29
H.4.499	Adjacent Collocation - 4-Wire Cross Connects - Disconnect			$11.62	$10.44					
H.4.598	Adjacent Collocation - DS1 Cross-Connects - Test			$13.46	$13.46			52	$13.46	$0.32
H.4.599	Adjacent Collocation - DS1 Cross-Connects - Disconnect			$11.65	$10.54					
H.4.698	Adjacent Collocation - DS3 Cross-Connects - Test			$13.46	$13.46			52	$13.46	$0.32
H.4.699	Adjacent Collocation - DS3 Cross-Connects - Disconnect			$13.40	$10.77					
H.4.798	Adjacent Collocation - 2-Fiber Cross-Connect - Test			$13.46	$13.46			52	$13.46	$0.32

BellSouth TELRIC Calculator
Unbundled Network Cost Elements Summary Report
Tennessee
Base Case - Recurring Only

7/30/01

	Cost Element	Recurring	Non Recurring	Non-Recurring First	Non-Recurring Additional	Initial	Subsequent	Testing spread over service life: Service Life	Cost	Monthly Cost
H.4.799	Adjacent Collocation - 2-Fiber Cross-Connect - Disconnect			$13.41	$10.78					
H.4.898	Adjacent Collocation - 4-Fiber Cross-Connect - Test			$18.73	$18.73			52	$18.73	$0.44
H.4.899	Adjacent Collocation - 4-Fiber Cross-Connect - Disconnect			$17.60	$14.97					
H.4.999	Adjacent Collocation - Application Cost - Disconnect		$0.9475							
H.4.1099	Adjacent Collocation - 2-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect			$1.12	$1.12					
H.4.1199	Adjacent Collocation - 4-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect			$1.12	$1.12					
H.4.1299	Adjacent Collocation - DS-1 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect			$1.12	$1.12					
H.4.1399	Adjacent Collocation - DS-3 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect			$1.12	$1.12					
H.4.1499	Adjacent Collocation - 2-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order - Disconnect			$1.12	$1.12					
H.4.1599	Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect			$1.12	$1.12					

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 2
METHODOLOGY

For a full description of the methodology used in these studies, see BellSouth's October 2, 2000 filing in this docket.

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 3
DESCRIPTION OF MODELS AND PRICE CALCULATORS

For a full description of the models used in these studies, see BellSouth's October 2, 2000 filing in this docket.

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 4
INPUTS - LOADINGS AND FACTORS

For a full description of the inputs and factors used in these studies, see BellSouth's October 2, 2000 filing in this docket.

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 5
UNBUNDLED NETWORK ELEMENT STUDIES

INTRODUCTION

This section contains a description of cost elements and an overview of the study process for each category of elements studied by BellSouth. Additionally, inputs and workpapers for each individual UNE are provided.

The studies included in this filing are all based on a three (3) year study period (2000 - 2002). All long run costs associated with providing the service cost elements are identified and included in the TELRIC studies.

The following pages contain a listing of the unbundled network cost elements provided in this filing package. Each cost element is represented by a designated cost element number that is referenced throughout the studies.

Testing costs are identified as separate costs and included in recurring rates as indicated on the summary report.

Following this listing are the narratives for each category of cost elements describing the elements, study technique, and specific study assumptions. After the narratives are the TELRIC Calculator© outputs recurring and nonrecurring. Following the outputs, Microsoft Excel spreadsheets containing the inputs and workpapers are included. In some instances, the spreadsheet may contain inputs and workpapers for several cost elements. In such situations, the file is provided in order of the first cost element number contained in that file.

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2
SECTION 5
UNBUNDLED NETWORK ELEMENT STUDIES

		Filename
A.0	**UNBUNDLED LOCAL LOOP**	
A.1	**2-WIRE ANALOG VOICE GRADE LOOP**	
A.1.8	Engineering Information	TN-EI.xls
A.13	**2-WIRE COPPER LOOP**	
A.13.12	2-Wire Copper Loop - Non Designed	TN_UCL_ND.xls
A.19	**LOOP TESTING**	
A.19.1	Loop Testing - Basic per 1/2 hour	TN-test.xls
A.19.2	Loop Testing - Overtime per 1/2 hour	TN-test.xls
A.19.3	Loop Testing - Premium per 1/2 hour	TN-test.xls
H.0	**COLLOCATION**	
H.1	**PHYSICAL COLLOCATION**	
H.1.47	Physical Collocation - Space Availability Report per CO	TnspacAR.xls
H.4	**ADJACENT COLLOCATION**	
H.4.1	Adjacent Collocation - Space Cost per Sq. Ft.	Tnadjphc.xls
H.4.2	Adjacent Collocation - Electrical Facility Cost per Linear Ft.	Tnadjphc.xls
H.4.3	Adjacent Collocation - 2-Wire Cross-Connects	Tnadjphc.xls
H.4.4	Adjacent Collocation - 4-Wire Cross Connects	Tnadjphc.xls
H.4.5	Adjacent Collocation - DS1 Cross-Connects	Tnadjphc.xls
H.4.6	Adjacent Collocation - DS3 Cross-Connects	Tnadjphc.xls
H.4.7	Adjacent Collocation - 2-Fiber Cross-Connect	Tnadjphc.xls
H.4.8	Adjacent Collocation - 4-Fiber Cross-Connect	Tnadjphc.xls
H.4.9	Adjacent Collocation - Application Cost	Tnadjphc.xls
H.4.10	Adjacent Collocation - 2-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.11	Adjacent Collocation - 4-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.12	Adjacent Collocation - DS-1 Cross Connect -Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.13	Adjacent Collocation - DS-3 Cross Connect -Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.14	Adjacent Collocation - 2-Fiber Cross Connect -Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.15	Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order	Tnadjphc.xls
H.4.16	Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp	Tnadjphc.xls
H.4.17	Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp	Tnadjphc.xls

H.4.18	Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp	Tnadjphc.xls
H.4.19	Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp	Tnadjphc.xls

NARRATIVES

A.0 UNBUNDLED LOCAL LOOP
A.1.8 ENGINEERING INFORMATION (EI)

Element Description

Engineering Information (EI) is provided when ordered by the CLEC in conjunction with a non-designed loop order (SL1 or UCL-ND). The EI provides information similar to a Design Layout Record or Loop Make-up for the non-designed loop being ordered by the CLEC.

Study Technique

Microsoft Excel spreadsheets are used to perform the nonrecurring cost analyses.

Specific Study Assumptions

The nonrecurring costs associated with providing Engineering Information include the following activities and assumptions:

- All work efforts are incremental to loop provisioning
- The Enhanced Delivery Initiate (ENDI) system generates the EI to the CLEC
- 20% of the time a LMU will not exist in LFACs and require look-up

NARRATIVES

A.0 UNBUNDLED LOCAL LOOP
A.13 2-WIRE UNBUNDLED COPPER LOOP
A.13.12 2-WIRE UNBUNDLED COPPER LOOP – NON DESIGNED

Element Description

The 2-Wire Unbundled Copper Loops – Non Designed (UCL-ND) are dedicated metallic transmission facilities which extend from the main distributing frame connection in the end office to a demarcation point at the customer premises (i.e., the network interface device or NID).

Both feeder and distribution outside plant are provided in a residence/business serving environment for 2-wire facilities. The transmission facility does not enter the BellSouth switch since it is terminated on the main distributing frame.

The UCL-ND loops are commonly referred to as "dry copper" loops because they have no intervening equipment such as load coils, repeaters, or Digital Access Main Lines (DAML), etc., between the end user premises and the Serving Wire Center. The UCL-ND may contain bridged tap up to 6,000 feet total, exclusive of loop length, and will typically be 1300 Ohms resistance and in most cases will not exceed 18,000 feet in length. The UCL-ND will not have a specific length limitation. The UCL-ND will not be designed and will not be provisioned with either a design layout record or a test point.

The CLEC may use BellSouth's Unbundled Loop Modification (ULM) offering to remove bridged tap and/or load coils from any loop within the BellSouth network. If no BellSouth facilities are available, the CLEC may use BellSouth's existing electronic Unbundled Loop Make-Up (LMU) process to screen and reserve facilities. The CLEC may request an Engineering Information document (EI) from BellSouth, which provides loop make up information, similar to a Design Lay Out Record (DLR) for an additional non-recurring charge.

These loops do not support any particular service and are not guaranteed to provide any specific performance standard. These loops may be utilized by the CLEC to provide a wide range of telecommunications services so long as those services do not adversely affect BellSouth's network.

Study Technique

The Loop Model is used to develop the recurring cost for the UCL-ND loops.

Residence and business sample loops are used by the Loop Model to develop material prices for the 2-Wire Copper Loop – Non Designed.

Microsoft Excel spreadsheets are used to perform the nonrecurring cost analyses.

Specific Study Assumptions

The nonrecurring costs associated with provisioning for the 2-Wire Copper Non Designed Loops include the following activities and assumptions:

- Coordination of disconnect, RCF, and unbundled loop orders by a coordination center is not included in these costs but can be ordered as a separate element
- 38% dispatch rate for outside plant for 2-wire UCL-ND

A.19	**Loop Testing**
A.19.1	**Loop Testing - Basic - Per Half Hour**
A.19.2	**Loop Testing - Overtime - Per Half Hour**
A.19.3	**Loop Testing - Premium - Per Half Hour**

Service Description

By request of a Competitive Local Exchange Carrier (CLEC) in association with loop provisioning, BellSouth will conduct testing for an identified line's features, functions, and capabilities. The loop testing parameters are intended to measure non-loading, balance of a pair, and continuity from the MDF to the NID.

BellSouth will conduct loop testing through coordinated work-force activities at central office and field locations through the efforts of the dispatch center and coordination center. Testing activities will require dispatched forces if technicians are not already in the field and will be billed in half-hour increments. All work functions are incremental to loop provisioning and order coordination.

Study Technique

Microsoft Excel spreadsheets were used to perform this cost analysis. The BellSouth Cost Calculator was used to calculate the TELRIC costs.

Specific Study Assumptions

- The nonrecurring costs associated with Loop Testing are based on a first half hour and each additional half hour basis. Included in the first half-hour are coordination, dispatch, and travel activities as well as the first half-hour of technician activities. The technicians' activities can be required in both the central office and the field when performing certain tests. Each additional half-hour increment includes only technician-related activities.

- Three forms of cost structure apply based on basic, overtime, and premium labor rates. The three forms of pay are defined as follows:

Basic Rate	Exclusive of differentials or extra payments
Overtime Rate	1-1/2 times basic rate of pay
Premium Rate	2 times basic rate of pay

H.0 COLLOCATION
H.1 PHYSICAL COLLOCATION

H.1.47 PHYSICAL COLLOCATION - SPACE AVAILABILITY REPORT PER C.O.

Element Description

A physical collocation arrangement provides a CLEC with an efficient means for connection to the BellSouth network. Physical Collocation provides for the installation of collocation-owned equipment and facilities within leased floor space in BellSouth Central Offices for the purpose of connecting to the BellSouth network to the extent such collocation is technically feasible.

The space availability report is a written report specifying the amount of collocation space available at the premises requested, the number of collocators present, and any modifications in the use of space since the last report, and the measures BellSouth is taking to make additional space available.

Study Technique

Microsoft Excel spreadsheets were used to calculate the utilized unit material prices and/or investments for these UNEs. Each element was analyzed to determine the components required, and that the appropriate quantities were applied in order to develop the utilized unit material prices.

Study Assumptions

- The space availability report is per premises requested.

Element Description

Adjacent Collocation is an additional alternative to an existing Physical Collocation arrangement. Physical Collocation occurs inside the BellSouth central office building. Adjacent Collocation is outside the BellSouth central office building but on BellSouth "adjacent" property. BellSouth will provide adjacent collocation arrangements where space within the Central Office is legitimately exhausted. This is subject to technical feasibility and where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Central Office property. The Adjacent collocation is also limited to locations where permitted by zoning and other applicable state and local regulations. The Adjacent Arrangement shall be constructed, procured, maintained, and operated by a CLEC and in conformance with BellSouth's guidelines and specifications.

The per square foot land value is based on real-estate broker estimates. The central offices considered in the calculation are those in exhaust status for physical collocation. A probability of adjacent collocation occurrence was applied to each central office location to develop a weighted average cost per square foot. It is assumed the collocator will provide any work associated with the CEV/Hut such as building set-up, foundations, and landscaping. Thus, costs for these activities are not included in the cost figure.

BellSouth will provide AC power facilities to the adjacent site. The electrical facility cost to provide this element is developed on a generic basis for a typical site. The configuration of a typical site is: CEV/Hut is 50 feet from the BellSouth building, the distance within BellSouth building to connect to BellSouth power is 100 feet, and the standard collocator equipment layout is 200 square feet.

The AC power cost provided has two components in the cost element. The first is the material cost for the standby power facilities. The other is the added cost for the delivery of commercial AC power to the collocator's power plant. The commercial power is billed based on usage at a cost per breaker amp. Both cost components are based on the type of power voltage and phase required.

It is assumed the CLEC will place their own DC power plant in their structure. The collocator will be provided the same AC power that is available in the central office facility. If the collocator wishes to convert their power to another phase, they will need to purchase and install the transformer.

Note: A collocator would also need to purchase cable installation and cable support structure from physical collocation in order to provide adjacent collocation cross-connects.

Study Technique

Microsoft Excel spreadsheets were used to calculate the utilized unit material prices and/or investments for these UNEs. Each element was analyzed to determine the components required, and that the appropriate quantities were applied in order to develop the utilized unit material prices.

Specific Study Assumptions:

- 75 feet of cable rack will be required for 2-wire and 4-wire cross connects
- 100 feet of cable rack will be required for other cross connects

RECURRING OUTPUT

Recurring Cost Summary

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$9.4688	$0.0000	$9.4688			$0.0000
Other Expenses						
Subscriber Line Testing	$0.2061	$0.0000	$0.2061	$0.0000	$0.0000	$0.0000
Network Terminating Wire	$0.1301	$0.0000	$0.1301	$0.0000	$0.0000	$0.0000
Total Monthly Cost	$9.8050	$0.0000	$9.8050	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$9.8345			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$11.3097			$0.0000

Total Monthly Economic Cost : $11.3097

000016

07/30/2001

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	$16.6172	1.0201	$16.9518	1.0000	1.0000	1.1205	1.0000	1.0000	$18.9944	1.1146	$21.1706
Aerial Ca - Metal - Building Entrance	12C	00	$1.3125	1.0822	$1.4203	1.0000	4.5878	1.0000	1.0000	1.0000	$6.5161	1.0000	$6.5161
Aerial Ca - Metal	22C	00	$29.0944	1.0822	$31.4846	1.0000	3.4998	1.0000	1.0000	1.0000	$110.1890	1.0000	$110.1890
Aerial Ca - Metal - Drop	22C	01	$47.5390	1.0822	$51.4445	1.0000	1.0000	1.0000	1.0000	1.0000	$51.4445	1.0000	$51.4445
Buried Ca - Metal	45C	00	$20.4136	1.0715	$21.8734	1.0000	5.3455	1.0000	1.0000	1.0000	$116.9248	1.0000	$116.9248
Buried Ca - Metal - Drop	45C	01	$45.8442	1.0715	$49.1226	1.0000	1.0000	1.0000	1.0000	1.0000	$49.1226	1.0000	$49.1226
Underground Ca - Metal	5C	00	$34.9691	1.0926	$38.2058	1.0000	3.7576	1.0000	1.0000	1.0000	$143.5617	1.0000	$143.5617
Submarine Ca - Metal	6C	00	$0.1129	1.0785	$0.1218	1.0000	4.4870	1.0000	1.0000	1.0000	$0.5463	1.0000	$0.5463
Intrbld Network - Metal	52C	00	$0.1125	1.0926	$0.1229	1.0000	3.9305	1.0000	1.0000	1.0000	$0.4831	1.0000	$0.4831

000017

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

	FRC	Investment	
Land - COE	20C	$0.0951	= Sum of Col C
Buildings - COE	10C	$2.4615	= Sum of Col E
Poles	1C	$25.0084	= Sum of Col G
Conduit Systems	4C	$118.8935	= Sum of Col I

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	$21.1706	0.0045	$0.0951	0.1163	$2.4615	0.0000	$0.0000	0.0000	$0.0000
Aerial Ca - Metal - Building Entrance	12C	00	$6.5161	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
Aerial Ca - Metal	22C	00	$110.1890	0.0000	$0.0000	0.0000	$0.0000	0.2270	$25.0084	0.0000	$0.0000
Aerial Ca - Metal - Drop	22C	01	$51.4445	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
Buried Ca - Metal	45C	00	$116.9248	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
Buried Ca - Metal - Drop	45C	01	$49.1226	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
Underground Ca - Metal	5C	00	$143.5617	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.8282	$118.8935
Submarine Ca - Metal	6C	00	$0.5463	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
Intrbld Network - Metal	52C	00	$0.4831	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000	0.0000	$0.0000
					$0.0951		$2.4615		$25.0084		$118.8935

000018

Recurring Cost Development
Volume Sensitive

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0.0951	0.0000	$0.0000	0.0993	$0.0094	0.0449	$0.0043	0.0000	$0.0000	0.0091	$0.0009	$0.0146	0.0000	$0.0000	$0.0146
Buildings - COE	10C	$2.4615	0.0230	$0.0567	0.0780	$0.1920	0.0352	$0.0867	0.0742	$0.1827	0.0091	$0.0223	$0.5403	0.0000	$0.0000	$0.5403
Digital Elec Switch	377C	$21.1706	0.0565	$1.1955	0.0667	$1.4113	0.0301	$0.6375	0.0283	$0.5994	0.0091	$0.1918	$4.0355	0.0000	$0.0000	$4.0355
Poles	1C	$25.0084	0.0400	$1.0003	0.0639	$1.5971	0.0288	$0.7214	0.0307	$0.7682	0.0091	$0.2265	$4.3136	0.0000	$0.0000	$4.3136
Aerial Ca - Metal - Building Entrance	12C	$6.5161	0.0575	$0.3747	0.0620	$0.4043	0.0280	$0.1826	0.0382	$0.2491	0.0091	$0.0590	$1.2697	0.0000	$0.0000	$1.2697
Aerial Ca - Metal	22C	$110.1890	0.0575	$6.3359	0.0620	$6.8360	0.0280	$3.0879	0.0382	$4.2126	0.0091	$0.9981	$21.4705	0.0000	$0.0000	$21.4705
Aerial Ca - Metal - Drop	22C	$51.4445	0.0575	$2.9581	0.0620	$3.1916	0.0280	$1.4417	0.0382	$1.9668	0.0091	$0.4660	$10.0241	0.0000	$0.0000	$10.0241
Buried Ca - Metal	45C	$116.9248	0.0500	$5.8462	0.0658	$7.6989	0.0297	$3.4777	0.0275	$3.2118	0.0091	$1.0591	$21.2937	0.0000	$0.0000	$21.2937
Buried Ca - Metal - Drop	45C	$49.1226	0.0500	$2.4561	0.0658	$3.2345	0.0297	$1.4611	0.0275	$1.3493	0.0091	$0.4450	$8.9460	0.0000	$0.0000	$8.9460
Underground Ca - Metal	5C	$143.5617	0.0432	$6.2019	0.0672	$9.6470	0.0304	$4.3577	0.0174	$2.4941	0.0091	$1.3004	$24.0011	0.0000	$0.0000	$24.0011
Submarine Ca - Metal	6C	$0.5463	0.0404	$0.0221	0.0693	$0.0378	0.0313	$0.0171	0.0008	$0.0005	0.0091	$0.0049	$0.0824	0.0000	$0.0000	$0.0824
Intrbld Network - Metal	52C	$0.4831	0.0500	$0.0242	0.0648	$0.0313	0.0293	$0.0142	0.0013	$0.0006	0.0091	$0.0044	$0.0746	0.0000	$0.0000	$0.0746
Conduit Systems	4C	$118.8935	0.0162	$1.9206	0.0834	$9.9119	0.0377	$4.4774	0.0015	$0.1730	0.0091	$1.0769	$17.5598	0.0000	$0.0000	$17.5598
Annual Total		$646.4172											$113.6258		$0.0000	$113.6258
Monthly Total (Annual Total / 12)													$9.4688		$0.0000	$9.4688

000019

Recurring Cost Summary

Tennessee
H.4.1 - Adjacent Collocation - Space Cost per Sq. Ft.

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$0.0569	$0.0000	$0.0569			$0.0000
Total Monthly Cost	$0.0569	$0.0000	$0.0569	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$0.0571			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$0.0656			$0.0000

Total Monthly Economic Cost : $0.0656

000020

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.1 - Adjacent Collocation - Space Cost per Sq. Ft.

	FRC	Investment	
Land - COE	20C	$4.4572	= Sum of Col C

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Land - COE	20C	00	$4.4572	1.0000	$4.4572						
					$4.4572		$0.0000		$0.0000		$0.0000

000022

07/30/2001

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.1 - Adjacent Collocation - Space Cost per Sq. Ft.

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$4 4572	0.0000	$0.0000	0.0993	$0 4426	0.0449	$0.1999	0.0000	$0.0000	0.0091	$0 0404	$0 6829	0.0000	$0.0000	$0 6829
Annual Total		$4 4572											$0.6829		$0.0000	$0 6829
Monthly Total (Annual Total / 12)													$0 0569		$0.0000	$0 0569

000023

Recurring Cost Summary

Tennessee
H.4.2 - Adjacent Collocation - Electrical Facility Cost per Linear Ft.

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$4.7958	$0.0000	$4.7958			$0.0000
Total Monthly Cost	$4.7958	$0.0000	$4.7958	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$4.8102			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$5.5318			$0.0000

Total Monthly Economic Cost : $5.5318

000024

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.2 - Adjacent Collocation - Electrical Facility Cost per Linear Ft.

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$263.0000	1.0201	$268.2952	1.0000	1.0000	1.0000	1.0000	1.0000	$268.2952	1.0000	$268.2952

000025

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.2 - Adjacent Collocation - Electrical Facility Cost per Linear Ft.

	FRC	Investment	
Land - COE	20C	$1.2052	= Sum of Col C
Buildings - COE	10C	$31.1941	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$268.2952	0.0045	$1.2052	0.1163	$31.1941	0.0000	$0.0000	0.0000	$0.0000
					$1.2052		$31.1941		$0.0000		$0.0000

000026

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.2 - Adjacent Collocation - Electrical Facility Cost per Linear Ft.

07/30/2001

	FRC	A=Prev Page Col A Investment	B Depreciation Factor	C=(AxB) Depreciation	D Cost of Money Factor	E=(AxD) Cost of Money	F Income Tax Factor	G=(AxF) Income Tax	H Plant Specific Factor	I=(AxH) Plant Specific Expense	J Ad Valorem Factor	K=(AxJ) Ad Valorem Expense	L=(C+E+G+I+K) Direct Cost	M Shared Cost Factor	N=(AxM) Shared Cost	O=(L+N) TELRIC
Land - COE	20C	$1.2052	0.0000	$0.0000	0.0993	$0.1197	0.0449	$0.0541	0.0000	$0.0000	0.0091	$0.0109	$0.1846	0.0000	$0.0000	$0.1846
Buildings - COE	10C	$31.1941	0.0230	$0.7182	0.0780	$2.4326	0.0352	$1.0988	0.0742	$2.3149	0.0091	$0.2826	$6.8471	0.0000	$0.0000	$6.8471
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP	$268.2952	0.0565	$15.1508	0.0667	$17.8848	0.0301	$8.0789	0.0260	$6.9730	0.0091	$2.4302	$50.5177	0.0000	$0.0000	$50.5177
Annual Total		$300.6945											$57.5494		$0.0000	$57.5494
Monthly Total (Annual Total / 12)													$4.7958		$0.0000	$4.7958

000027

Recurring Cost Summary

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$0.0187	$0.0000	$0.0187			$0.0000
Total Monthly Cost	$0.0187	$0.0000	$0.0187	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$0.0187			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$0.0216			$0.0000

Total Monthly Economic Cost : $0.0216

000028

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - MDF	377C	05	$0.6933	1.0201	$0.7072	1.0000	1.3120	1.0000	1.0000	1.0000	$0.9278	1.1146	$1.0341

000029

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

	FRC	Investment	
Land - COE	20C	$0.0046	= Sum of Col C
Buildings - COE	10C	$0.1202	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - MDF	377C	05	$1.0341	0.0045	$0.0046	0.1163	$0.1202	0.0000	$0.0000	0.0000	$0.0000
					$0.0046		$0.1202		$0.0000		$0.0000

000030

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

07/30/2001		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0.0046	0.0000	$0.0000	0.0993	$0.0005	0.0449	$0.0002	0.0000	$0.0000	0.0091	$0.0000	$0.0007	0.0000	$0.0000	$0.0007
Buildings - COE	10C	$0.1202	0.0230	$0.0028	0.0780	$0.0094	0.0352	$0.0042	0.0742	$0.0089	0.0091	$0.0011	$0.0264	0.0000	$0.0000	$0.0264
Digital Elec Switch	377C	$1.0341	0.0565	$0.0584	0.0667	$0.0689	0.0301	$0.0311	0.0283	$0.0293	0.0091	$0.0094	$0.1971	0.0000	$0.0000	$0.1971
Annual Total		$1.1590											$0.2242		$0.0000	$0.2242
Monthly Total (Annual Total / 12)													$0.0187		$0.0000	$0.0187

000031

Recurring Cost Summary

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$0.0374	$0.0000	$0.0374			$0.0000
Total Monthly Cost	$0.0374	$0.0000	$0.0374	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$0.0375			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$0.0431			$0.0000

Total Monthly Economic Cost : $0.0431

000032

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

07/30/2001			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - MDF	377C	05	$1.3865	1.0201	$1.4144	1.0000	1.3120	1.0000	1.0000	1.0000	$1.8557	1.1146	$2.0682

000033

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

	FRC	Investment	
Land - COE	20C	$0.0093	= Sum of Col C
Buildings - COE	10C	$0.2405	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - MDF	377C	05	$2.0682	0.0045	$0.0093	0.1163	$0.2405	0.0000	$0.0000	0.0000	$0.0000
					$0.0093		$0.2405		$0.0000		$0.0000

000034

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0.0093	0.0000	$0.0000	0.0993	$0.0009	0.0449	$0.0004	0.0000	$0.0000	0.0091	$0.0001	$0.0014	0.0000	$0.0000	$0.0014
Buildings - COE	10C	$0.2405	0.0230	$0.0055	0.0780	$0.0188	0.0352	$0.0085	0.0742	$0.0178	0.0091	$0.0022	$0.0528	0.0000	$0.0000	$0.0528
Digital Elec Switch	377C	$2.0682	0.0565	$0.1168	0.0667	$0.1379	0.0301	$0.0623	0.0283	$0.0586	0.0091	$0.0187	$0.3942	0.0000	$0.0000	$0.3942
Annual Total		$2.3180											$0.4484		$0.0000	$0.4484
Monthly Total (Annual Total / 12)													$0.0374		$0.0000	$0.0374

000035

Recurring Cost Summary

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$1.1975	$0.0000	$1.1975			$0.0000
Total Monthly Cost	$1.1975	$0.0000	$1.1975	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.2011			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$1.3813			$0.0000

Total Monthly Economic Cost : $1.3813

000036

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$14.9503	0.9412	$14.0715	1.0000	1.0000	1.0000	1.0000	4.2861	$60.3123	1.0259	$61.8764

000037

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

	FRC	Investment	
Land - COE	20C	$0.2779	= Sum of Col C
Buildings - COE	10C	$7.1942	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$61.8764	0.0045	$0.2779	0.1163	$7.1942	0.0000	$0.0000	0.0000	$0.0000
					$0.2779		$7.1942		$0.0000		$0.0000

000038

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

07/30/2001		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0.2779	0.0000	$0.0000	0.0993	$0.0276	0.0449	$0.0125	0.0000	$0.0000	0.0091	$0.0025	$0.0426	0.0000	$0.0000	$0.0426
Buildings - COE	10C	$7.1942	0.0230	$0.1656	0.0780	$0.5610	0.0352	$0.2534	0.0742	$0.5339	0.0091	$0.0652	$1.5791	0.0000	$0.0000	$1.5791
Digtl Circ - Other	357C	$61.8764	0.0909	$5.6251	0.0626	$3.8709	0.0283	$1.7485	0.0152	$0.9432	0.0091	$0.5605	$12.7482	0.0000	$0.0000	$12.7482
Annual Total		$69.3485											$14.3699		$0.0000	$14.3699
Monthly Total (Annual Total / 12)													$1.1975		$0.0000	$1.1975

000039

Recurring Cost Summary

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$16.2201	$0.0000	$16.2201			$0.0000
Total Monthly Cost	$16.2201	$0.0000	$16.2201	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$16.2690			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$18.7093			$0.0000

Total Monthly Economic Cost : $18.7093

000040

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$202.5025	0.9412	$190.5998	1.0000	1.0000	1.0000	1.0000	4.2861	$816.9344	1.0259	$838.1199

000041

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

	FRC	Investment	
Land - COE	20C	$3.7648	= Sum of Col C
Buildings - COE	10C	$97.4465	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$838.1199	0.0045	$3.7648	0.1163	$97.4465	0.0000	$0.0000	0.0000	$0.0000
					$3.7648		$97.4465		$0.0000		$0.0000

000042

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$3.7648	0.0000	$0.0000	0 0993	$0.3738	0 0449	$0 1689	0 0000	$0.0000	0.0091	$0 0341	$0 5768	0.0000	$0 0000	$0 5768
Buildings - COE	10C	$97.4465	0.0230	$2 2435	0 0780	$7.5992	0.0352	$3.4327	0 0742	$7 2313	0.0091	$0.8827	$21 3894	0.0000	$0 0000	$21 3894
Digtl Circ - Other	357C	$838 1199	0.0909	$76 1927	0 0626	$52 4313	0 0283	$23 6840	0 0152	$12 7755	0.0091	$7.5917	$172 6752	0.0000	$0 0000	$172 6752
Annual Total		$939.3313											$194 6414		$0.0000	$194 6414
Monthly Total (Annual Total / 12)													$16 2201		$0.0000	$16 2201

000043

Recurring Cost Summary

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$2.7478	$0.0000	$2.7478			$0.0000
Total Monthly Cost	$2.7478	$0.0000	$2.7478	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$2.7561			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$3.1695			$0.0000

Total Monthly Economic Cost : $3.1695

000044

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	$E=Cx(D_1xD_2$ x...$xD_5)$	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$34.3055	0.9412	$32.2891	1.0000	1.0000	1.0000	1.0000	4.2861	$138.3952	1.0259	$141.9842

000045

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

	FRC	Investment	
Land - COE	20C	$0.6378	= Sum of Col C
Buildings - COE	10C	$16.5082	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$141.9842	0.0045	$0.6378	0.1163	$16.5082	0.0000	$0.0000	0.0000	$0.0000
					$0.6378		$16.5082		$0.0000		$0.0000

000046

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

07/30/2001		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0 6378	0.0000	$0.0000	0 0993	$0 0633	0.0449	$0.0286	0.0000	$0.0000	0.0091	$0 0058	$0.0977	0.0000	$0 0000	$0 0977
Buildings - COE	10C	$16.5082	0 0230	$0 3801	0 0780	$1.2874	0.0352	$0.5815	0 0742	$1 2250	0 0091	$0.1495	$3 6235	0.0000	$0.0000	$3 6235
Digtl Circ - Other	357C	$141.9842	0 0909	$12.9077	0.0626	$8 8823	0.0283	$4.0123	0 0152	$2.1643	0.0091	$1.2861	$29 2526	0.0000	$0.0000	$29 2526
Annual Total		$159 1302											$32 9738		$0 0000	$32 9738
Monthly Total (Annual Total / 12)													$2.7478		$0 0000	$2 7478

000047

Recurring Cost Summary

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Recurring Cost Devel. Sheets Cols L, N, & O	$5.2506	$0.0000	$5.2506			$0.0000
Total Monthly Cost	$5.2506	$0.0000	$5.2506	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$5.2664			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$6.0564			$0.0000

Total Monthly Economic Cost : $6.0564

000048

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$65.5521	0.9412	$61.6991	1.0000	1.0000	1.0000	1.0000	4.2861	$264.4498	1.0259	$271.3078

000049

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

	FRC	Investment	
Land - COE	20C	$1.2187	= Sum of Col C
Buildings - COE	10C	$31.5444	= Sum of Col E

07/30/2001

	FRC	Sub FRC	A=Prev Page Col G Investment	B Land Factor	C=(AxB) Land Investment	D Building Factor	E=(AxD) Building Investment	F Pole Factor	G=(AxF) Pole Investment	H Conduit Factor	I=(AxH) Conduit Investment
Digtl Circ - Other - C.O. - Hardwired - Power Only	357C	01	$271.3078	0.0045	$1.2187	0.1163	$31.5444	0.0000	$0.0000	0.0000	$0.0000
					$1.2187		$31.5444		$0.0000		$0.0000

000050

07/30/2001

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$1 2187	0.0000	$0 0000	0.0993	$0 1210	0.0449	$0.0547	0.0000	$0.0000	0.0091	$0.0110	$0.1867	0.0000	$0 0000	$0 1867
Buildings - COE	10C	$31 5444	0.0230	$0.7263	0.0780	$2.4599	0.0352	$1.1112	0.0742	$2.3408	0.0091	$0 2857	$6 9240	0.0000	$0 0000	$6 9240
Digtl Circ - Other	357C	$271.3078	0.0909	$24.6643	0.0626	$16.9725	0.0283	$7.6668	0.0152	$4.1355	0.0091	$2.4575	$55.8967	0.0000	$0 0000	$55 8967
Annual Total		$304 0709											$63.0074		$0.0000	$63 0074
Monthly Total (Annual Total / 12)													$5.2506		$0.0000	$5 2506

000051

Recurring Cost Summary

Tennessee

H.4.16 - Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Recurring Cost Devel. Sheets Cols L, N, & O	$1.1204	$0.0000	$1.1204			$0.0000
Other Expenses						
ComACPwr-120V1P/BreakerAmp	$3.9200	$0.0000	$3.9200	$0.0000	$0.0000	$0.0000
Total Monthly Cost	$5.0404	$0.0000	$5.0404	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$5.0555			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$5.8139			$0.0000

Total Monthly Economic Cost : $5.8139

000052

07/30/2001

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee

H.4.16 - Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	E=Cx(D_1xD_2 x...xD_5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$61.4400	1.0201	$62.6770	1.0000	1.0000	1.0000	1.0000	1.0000	$62.6770	1.0000	$62 6770

000053

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.16 - Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp

	FRC	Investment	
Land - COE	20C	$0.2815	= Sum of Col C
Buildings - COE	10C	$7.2873	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$62.6770	0.0045	$0.2815	0.1163	$7.2873	0.0000	$0.0000	0.0000	$0.0000
					$0.2815		$7.2873		$0.0000		$0.0000

000054

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.16 - Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0 2815	0 0000	$0 0000	0 0993	$0 0280	0 0449	$0 0126	0 0000	$0 0000	0.0091	$0 0026	$0 0431	0 0000	$0 0000	$0 0431
Buildings - COE	10C	$7 2873	0 0230	$0 1678	0 0780	$0 5683	0 0352	$0 2567	0 0742	$0 5408	0 0091	$0.0660	$1 5996	0 0000	$0 0000	$1 5996
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP	$62 6770	0 0565	$3 5394	0 0667	$4 1781	0 0301	$1 8873	0 0260	$1 6290	0 0091	$0 5677	$11 8015	0 0000	$0 0000	$11 8015
Annual Total		$70 2459											$13 4442		$0 0000	$13 4442
Monthly Total (Annual Total / 12)													$1 1204		$0 0000	$1 1204

000055

07/30/2001

Recurring Cost Summary

Tennessee
H.4.17 - Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp

	Volume Sensitive			Volume Insensitive		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Recurring Cost Devel. Sheets Cols L, N, & O	$2.2407	$0.0000	$2.2407			$0.0000
Other Expenses						
ComACPwr-240V1P/BreakerAmp	$7.8500	$0.0000	$7.8500	$0.0000	$0.0000	$0.0000
Total Monthly Cost	$10.0907	$0.0000	$10.0907	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$10.1211			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$11.6393			$0.0000

Total Monthly Economic Cost : $11.6393

000056

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.17 - Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp

			A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x..xD5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$122.8800	1.0201	$125.3540	1.0000	1.0000	1.0000	1.0000	1.0000	$125.3540	1.0000	$125.3540

000057

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee

H.4.17 - Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp

	FRC	Investment	
Land - COE	20C	$0.5631	= Sum of Col C
Buildings - COE	10C	$14.5747	= Sum of Col E

07/30/2001

	FRC	Sub FRC	A=Prev Page Col G Investment	B Land Factor	C=(AxB) Land Investment	D Building Factor	E=(AxD) Building Investment	F Pole Factor	G=(AxF) Pole Investment	H Conduit Factor	I=(AxH) Conduit Investment
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP		$125.3540	0.0045	$0.5631	0.1163	$14.5747	0.0000	$0.0000	0.0000	$0.0000
					$0.5631		$14.5747		$0.0000		$0.0000

000058

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.17 - Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0.5631	0.0000	$0.0000	0.0993	$0.0559	0.0449	$0.0253	0.0000	$0.0000	0.0091	$0.0051	$0.0863	0.0000	$0.0000	$0.0863
Buildings - COE	10C	$14.5747	0.0230	$0.3356	0.0780	$1.1366	0.0352	$0.5134	0.0742	$1.0816	0.0091	$0.1320	$3.1991	0.0000	$0.0000	$3.1991
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP	$125.3540	0.0565	$7.0788	0.0667	$8.3562	0.0301	$3.7746	0.0260	$3.2580	0.0091	$1.1355	$23.6031	0.0000	$0.0000	$23.6031
Annual Total		$140.4918											$26.8885		$0.0000	$26.8885
Monthly Total (Annual Total / 12)													$2.2407		$0.0000	$2.2407

000059

Recurring Cost Summary

Tennessee
H.4.18 - Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp

07/30/2001

	Volume Sensitive				Volume Insensitive		
	Direct Cost	Shared Cost		TELRIC	Direct Cost	Shared Cost		TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$3.3611	$0.0000		$3.3611				$0.0000
Other Expenses								
ComACPwr-120V3P/BreakerAmp	$11.7700	$0.0000		$11.7700	$0.0000	$0.0000		$0.0000
Total Monthly Cost	$15.1311	$0.0000		$15.1311	$0.0000	$0.0000		$0.0000
Gross Receipts Tax Factor			X	1.0030			X	1.0030
Cost (including Gross Receipts Tax)				$15.1766				$0.0000
Common Cost Factor			X	1.1500			X	1.1500
Monthly Economic Cost				$17.4531				$0.0000

Total Monthly Economic Cost : $17.4531

000060

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee

H.4.18 - Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp

07/30/2001

			A	B	C=AxB	D_1	D_2	D_3	D_4	D_5	$E=Cx(D_1xD_2 x...xD_5)$	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP		$184.3200	1.0201	$188.0310	1.0000	1.0000	1.0000	1.0000	1.0000	$188.0310	1.0000	$188.0310

000061

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.18 - Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp

	FRC	Investment	
Land - COE	20C	$0.8446	= Sum of Col C
Buildings - COE	10C	$21.8620	= Sum of Col E

07/30/2001

	FRC	Sub FRC	A=Prev Page Col G Investment	B Land Factor	C=(AxB) Land Investment	D Building Factor	E=(AxD) Building Investment	F Pole Factor	G=(AxF) Pole Investment	H Conduit Factor	I=(AxH) Conduit Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$188.0310	0.0045	$0.8446	0.1163	$21.8620	0.0000	$0.0000	0.0000	$0.0000
					$0.8446		$21.8620		$0.0000		$0.0000

000062

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.18 - Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp

07/30/2001

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$0 8446	0 0000	$0 0000	0.0993	$0.0839	0 0449	$0 0379	0 0000	$0 0000	0 0091	$0 0077	$0 1294	0.0000	$0 0000	$0 1294
Buildings - COE	10C	$21 8620	0 0230	$0 5033	0 0780	$1.7049	0 0352	$0 7701	0 0742	$1.6223	0 0091	$0 1980	$4 7987	0.0000	$0 0000	$4 7987
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP	$188 0310	0 0565	$10 6182	0 0667	$12 5343	0 0301	$5.6620	0 0260	$4 8869	0.0091	$1 7032	$35 4046	0.0000	$0 0000	$35 4046
Annual Total		$210 7377											$40 3327		$0 0000	$40 3327
Monthly Total (Annual Total / 12)													$3 3611		$0 0000	$3 3611

000063

Recurring Cost Summary

Tennessee
H.4.19 - Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp

07/30/2001

	Volume Sensitive			Volume Insensitive		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	$7.7584	$0.0000	$7.7584			$0.0000
Other Expenses						
ComACPwr-277V3P/BreakerAmp	$27.1800	$0.0000	$27.1800	$0.0000	$0.0000	$0.0000
Total Monthly Cost	$34.9384	$0.0000	$34.9384	$0.0000	$0.0000	$0.0000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$35.0437			$0.0000
Common Cost Factor			X 1.1500			X 1.1500
Monthly Economic Cost			$40.3002			$0.0000

Total Monthly Economic Cost : $40.3002

000064

07/30/2001

Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive

Tennessee
H.4.19 - Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp

			A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF
						In-Plant Factors (Default = 1)							
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP		$425.4700	1.0201	$434.0363	1.0000	1.0000	1.0000	1.0000	1.0000	$434.0363	1.0000	$434.0363

000065

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee
H.4.19 - Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp

	FRC	Investment	
Land - COE	20C	$1.9497	= Sum of Col C
Buildings - COE	10C	$50.4645	= Sum of Col E

07/30/2001

			A=Prev Page Col G	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - In-Plant Invst. w/o power in Plant Specific ACF	377CP		$434.0363	0.0045	$1.9497	0.1163	$50.4645	0.0000	$0.0000	0.0000	$0.0000
					$1.9497		$50.4645		$0.0000		$0.0000

000066

07/30/2001

Recurring Cost Development
Volume Sensitive

Tennessee
H.4.19 - Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp

		A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+I+K)	M	N=(AxM)	O=(L+N)
	FRC	Investment	Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	$1 9497	0.0000	$0.0000	0.0993	$0.1936	0.0449	$0.0875	0.0000	$0.0000	0.0091	$0.0177	$0.2987	0.0000	$0.0000	$0.2987
Buildings - COE	10C	$50 4645	0.0230	$1.1619	0.0780	$3.9354	0.0352	$1.7777	0.0742	$3.7449	0.0091	$0.4571	$11.0769	0.0000	$0.0000	$11.0769
Digital Elec Switch - In-Plant Invst w/o power in Plant Specific ACF	377CP	$434 0363	0.0565	$24.5103	0.0667	$28.9333	0.0301	$13.0696	0.0260	$11.2806	0.0091	$3.9315	$81.7253	0.0000	$0.0000	$81.7253
Annual Total		$486.4505											$93.1009		$0.0000	$93.1009
Monthly Total (Annual Total / 12)													$7.7584		$0.0000	$7.7584

000067

TENNESSEE DOCKET NO. 00-00544
SUPPLEMENTAL FILING NO. 2

NONRECURRING OUTPUT

Nonrecurring Cost Summary

Tennessee
A.1.8 - Engineering Information

07/30/2001

	Nonrecurring Cost		
	Direct Cost	**Shared Cost**	**TELRIC**
Nonrecurring Cost Development Sheet Col H	$25.2535	$0.0000	$25.2535
Total Cost	$25.2535	$0.0000	$25.2535
Gross Receipts Tax Factor			X 1.0030
Cost (including Gross Receipts Tax)			$25.3296
Common Cost Factor			X 1.0000
Nonrecurring Economic Cost			**$25.3296**

000069

07/30/2001

Nonrecurring Cost Development

Tennessee
A.1.8 - Engineering Information

			A	B	C	D=AxC	E=BxC	F	G=ExF	H=D+G
Function	**JFC/ Payband**	**JFC/Payband Description**	**Installation Worktime**	**Disconnect Worktime**	**Direct Labor Rate**	**Install Cost**	**Disconnect Cost**	**Disconnect Discount Factor**	**Discounted Disconnect Cost**	**Direct Cost**
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0267	0.0000	$34.31	$0.9149	$0.0000	1.0000	$0.0000	$0.9149
ENGINEERING	4FXX	Service Advocacy Center (SAC)	0.0833	0.0000	$32.62	$2.7183	$0.0000	1.0000	$0.0000	$2.7183
ENGINEERING	JG57	Job Grade 57	0.1667	0.0000	$40.54	$6.7563	$0.0000	1.0000	$0.0000	$6.7563
ENGINEERING	JG57	Job Grade 57	0.3667	0.0000	$40.54	$14.8639	$0.0000	1.0000	$0.0000	$14.8639
									Total	**25.25353333**

Function	**JFC/ Payband**	**JFC/Payband Description**	**Installation Worktime**	**Disconnect Worktime**	**TELRIC Labor Rate**	**Install Cost**	**Disconnect Cost**	**Disconnect Discount Factor**	**Discounted Disconnect Cost**	**TELRIC**
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0267	0.0000	$34.31	$0.9149	$0.0000	1.0000	$0.0000	$0.9149
ENGINEERING	4FXX	Service Advocacy Center (SAC)	0.0833	0.0000	$32.62	$2.7183	$0.0000	1.0000	$0.0000	$2.7183
ENGINEERING	JG57	Job Grade 57	0.1667	0.0000	$40.54	$6.7563	$0.0000	1.0000	$0.0000	$6.7563
ENGINEERING	JG57	Job Grade 57	0.3667	0.0000	$40.54	$14.8639	$0.0000	1.0000	$0.0000	$14.8639
									Total	**25.2535**

000070

Nonrecurring Cost Summary

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$54.3918	$0.0000	$54.3918	$17.9787	$0.0000	$17.9787
Total Cost	$54.3918	$0.0000	$54.3918	$17.9787	$0.0000	$17.9787
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$54.5556			$18.0329
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$54.5556**			**$18.0329**

000071

Nonrecurring Cost Development

Tennessee
A.13.12 - 2-Wire Copper Loop - Non Designed

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
INTERCONN SVCS	230X	Customer Point Of Contact - ICSC/LCSC	0.0175	0.0175	0.0000	0.0000	$31.17	$0.5455	$0.5455	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.5455	$0.5455
ENGINEERING	JG57	Job Grade 57	0.0750	0.0750	0.0000	0.0000	$40.54	$3.0404	$3.0404	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$3.0404	$3.0404
ENGINEERING	4FXX	Service Advocacy Center (SAC)	0.0250	0.0250	0.0000	0.0000	$32.62	$0.8155	$0.8155	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.8155	$0.8155
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0400	0.0400	0.0000	0.0000	$34.31	$1.3724	$1.3724	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.3724	$1.3724
CONNECT & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.4640	0.0000	0.0000	0.0000	$38.31	$17.7758	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$17.7758	$0.0000
CONNECT & TEST	410X	Install & Mtce - Pots	0.4633	0.2163	0.0000	0.0000	$40.26	$18.6533	$8.7091	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$18.6533	$8.7091
CONNECT & TEST	4WXX	Work Management Center (WMC)	0.0333	0.0000	0.0000	0.0000	$32.76	$1.0920	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.0920	$0.0000
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.1275	0.0680	0.0000	0.0000	$42.04	$5.3601	$2.8587	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$5.3601	$2.8587
TRAVEL	410X	Install & Mtce - Pots	0.1267	0.0000	0.0000	0.0000	$40.26	$5.0996	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$5.0996	$0.0000
INTERCONN SVCS	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0175	0.0175	$31.17	$0.0000	$0.0000	$0.5455	$0.5455	1.1681	$0.6372	$0.6372	$0.6372	$0.6372
														Total	54.3918	17.9787

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
INTERCONN SVCS	230X	Customer Point Of Contact - ICSC/LCSC	0.0175	0.0175	0.0000	0.0000	$31.17	$0.5455	$0.5455	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.5455	$0.5455
ENGINEERING	JG57	Job Grade 57	0.0750	0.0750	0.0000	0.0000	$40.54	$3.0404	$3.0404	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$3.0404	$3.0404
ENGINEERING	4FXX	Service Advocacy Center (SAC)	0.0250	0.0250	0.0000	0.0000	$32.62	$0.8155	$0.8155	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.8155	$0.8155
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0400	0.0400	0.0000	0.0000	$34.31	$1.3724	$1.3724	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.3724	$1.3724
CONNECT & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.4640	0.0000	0.0000	0.0000	$38.31	$17.7758	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$17.7758	$0.0000
CONNECT & TEST	410X	Install & Mtce - Pots	0.4633	0.2163	0.0000	0.0000	$40.26	$18.6533	$8.7091	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$18.6533	$8.7091
CONNECT & TEST	4WXX	Work Management Center (WMC)	0.0333	0.0000	0.0000	0.0000	$32.76	$1.0920	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.0920	$0.0000
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.1275	0.0680	0.0000	0.0000	$42.04	$5.3601	$2.8587	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$5.3601	$2.8587
TRAVEL	410X	Install & Mtce - Pots	0.1267	0.0000	0.0000	0.0000	$40.26	$5.0996	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$5.0996	$0.0000
INTERCONN SVCS	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0175	0.0175	$31.17	$0.0000	$0.0000	$0.5455	$0.5455	1.1681	$0.6372	$0.6372	$0.6372	$0.6372
														Total	54.3918	17.9787

Nonrecurring Cost Summary

Tennessee
A.13.1298 - 2-Wire Copper Loop - Non Designed - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$18.4133	$0.0000	$18.4133	$15.6326	$0.0000	$15.6326
Total Cost	$18.4133	$0.0000	$18.4133	$15.6326	$0.0000	$15.6326
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$18.4688			$15.6797
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$18.4688**			**$15.6797**

000073

07/30/2001

Nonrecurring Cost Development

Tennessee
A.13.1298 - 2-Wire Copper Loop - Non Designed - Test

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
CONNECT & TEST	410X	Install & Mtce - Pots	0.2857	0.2857	0.0000	0.0000	$40.26	$11.5006	$11.5006	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$11.5006	$11.5006
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0850	0.0453	0.0000	0.0000	$42.04	$3.5734	$1.9058	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$3.5734	$1.9058
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.0680	0.0453	$42.04	$0.0000	$0.0000	$2.8587	$1.9058	1.1681	$3.3393	$2.2262	$3.3393	$2.2262
														Total	18.4133	15.6326

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
CONNECT & TEST	410X	Install & Mtce - Pots	0.2857	0.2857	0.0000	0.0000	$40.26	$11.5006	$11.5006	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$11.5006	$11.5006
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0850	0.0453	0.0000	0.0000	$42.04	$3.5734	$1.9058	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$3.5734	$1.9058
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.0680	0.0453	$42.04	$0.0000	$0.0000	$2.8587	$1.9058	1.1681	$3.3393	$2.2262	$3.3393	$2.2262
														Total	18.4133	15.6326

000074

Nonrecurring Cost Summary

Tennessee
A.13.1299 - 2-Wire Copper Loop - Non Designed - Disconnect

07/30/2001

	Nonrecurring Cost					
	First			**Additional**		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Nonrecurring Cost Development Sheet Col H	$38.5882	$0.0000	$38.5882	$5.9558	$0.0000	$5.9558
Total Cost	$38.5882	$0.0000	$38.5882	$5.9558	$0.0000	$5.9558
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$38.7044			$5.9737
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$38.7044**			**$5.9737**

000075

Nonrecurring Cost Development

07/30/2001

Tennessee
A.13.1299 - 2-Wire Copper Loop - Non Designed - Disconnect

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0000	0.0000	0.0058	0.0058	$34.31	$0.0000	$0.0000	$0.2001	$0.2001	1.1681	$0.2338	$0.2338	$0.2338	$0.2338
CONNECT & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.4323	0.0000	$38.31	$0.0000	$0.0000	$16.5627	$0.0000	1.1681	$19.3469	$0.0000	$19.3469	$0.0000
CONNECT & TEST	410X	Install & Mtce - Pots	0.0000	0.0000	0.2977	0.0507	$40.26	$0.0000	$0.0000	$11.9841	$2.0398	1.1681	$13.9986	$2.3827	$13.9986	$2.3827
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1020	0.0680	$42.04	$0.0000	$0.0000	$4.2881	$2.8587	1.1681	$5.0089	$3.3393	$5.0089	$3.3393
														Total	**38.5882**	**5.9558**

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
ENGINEERING	4M1X	Address & Facility Inventory (AFIG)	0.0000	0.0000	0.0058	0.0058	$34.31	$0.0000	$0.0000	$0.2001	$0.2001	1.1681	$0.2338	$0.2338	$0.2338	$0.2338
CONNECT & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.4323	0.0000	$38.31	$0.0000	$0.0000	$16.5627	$0.0000	1.1681	$19.3469	$0.0000	$19.3469	$0.0000
CONNECT & TEST	410X	Install & Mtce - Pots	0.0000	0.0000	0.2977	0.0507	$40.26	$0.0000	$0.0000	$11.9841	$2.0398	1.1681	$13.9986	$2.3827	$13.9986	$2.3827
CONNECT & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1020	0.0680	$42.04	$0.0000	$0.0000	$4.2881	$2.8587	1.1681	$5.0089	$3.3393	$5.0089	$3.3393
														Total	**38.5882**	**5.9558**

Nonrecurring Cost Summary

Tennessee
A.19.1 - Loop Testing - Basic per 1/2 hour

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$64.7265	$0.0000	$64.7265	$37.3230	$0.0000	$37.3230
Total Cost	$64.7265	$0.0000	$64.7265	$37.3230	$0.0000	$37.3230
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$64.9215			$37.4355
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$64.9215**			**$37.4355**

000077

Nonrecurring Cost Development

Tennessee
A.19.1 - Loop Testing - Basic per 1/2 hour

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Loop Testing - Basic Per 1/2 Hour	230XB	Cust Pnt Of Cont, Basic Time - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$29.26	$0.5121	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.5121	$0.0000
Loop Testing - Basic Per 1/2 Hour	4AXXB	Acc Cust Adv Cntr, Bas Time (ACAC)	0.5000	0.5000	0.0000	0.0000	$35.83	$17.9150	$17.9150	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$17.9150	$17.9150
Loop Testing - Basic Per 1/2 Hour	410XB	Install & Mtce - Pots, Basic Time	0.9030	0.5000	0.0000	0.0000	$36.80	$33.2304	$18.4000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$33.2304	$18.4000
Loop Testing - Basic Per 1/2 Hour	431XB	CO I&M Field, Basic Time - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$40.32	$1.0080	$1.0080	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.0080	$1.0080
Loop Testing - Basic Per 1/2 Hour	4WXXB	Work Management Center, Basic Time (WMC)	0.0207	0.0000	0.0000	0.0000	$31.60	$0.6531	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.6531	$0.0000
Loop Testing - Basic Per 1/2 Hour	410XB	Install & Mtce - Pots, Basic Time	0.3100	0.0000	0.0000	0.0000	$36.80	$11.4080	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$11.4080	$0.0000
														Total	64.7265	37.3230

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Loop Testing - Basic Per 1/2 Hour	230XB	Cust Pnt Of Cont, Basic Time - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$29.26	$0.5121	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.5121	$0.0000
Loop Testing - Basic Per 1/2 Hour	4AXXB	Acc Cust Adv Cntr, Bas Time (ACAC)	0.5000	0.5000	0.0000	0.0000	$35.83	$17.9150	$17.9150	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$17.9150	$17.9150
Loop Testing - Basic Per 1/2 Hour	410XB	Install & Mtce - Pots, Basic Time	0.9030	0.5000	0.0000	0.0000	$36.80	$33.2304	$18.4000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$33.2304	$18.4000
Loop Testing - Basic Per 1/2 Hour	431XB	CO I&M Field, Basic Time - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$40.32	$1.0080	$1.0080	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.0080	$1.0080
Loop Testing - Basic Per 1/2 Hour	4WXXB	Work Management Center, Basic Time (WMC)	0.0207	0.0000	0.0000	0.0000	$31.60	$0.6531	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.6531	$0.0000
Loop Testing - Basic Per 1/2 Hour	410XB	Install & Mtce - Pots, Basic Time	0.3100	0.0000	0.0000	0.0000	$36.80	$11.4080	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$11.4080	$0.0000
														Total	64.7265	37.3230

Nonrecurring Cost Summary

Tennessee
A.19.2 - Loop Testing - Overtime per 1/2 hour

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$84.3522	$0.0000	$84.3522	$48.8073	$0.0000	$48.8073
Total Cost	$84.3522	$0.0000	$84.3522	$48.8073	$0.0000	$48.8073
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$84.6063			$48.9543
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$84.6063**			**$48.9543**

000079

07/30/2001

Nonrecurring Cost Development

Tennessee
A 19.2 - Loop Testing - Overtime per 1/2 hour

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Loop Testing - Overtime Per 1/2 Hour	230XO	Cust Pnt Of Cont, OT - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$38.79	$0.6788	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.6788	$0.0000
Loop Testing - Overtime Per 1/2 Hour	4AXXO	Acc Cust Adv Cntr, OT (ACAC)	0.5000	0.5000	0.0000	0.0000	$47.29	$23.6450	$23.6450	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$23.6450	$23.6450
Loop Testing - Overtime Per 1/2 Hour	410XO	Install & Mtce - Pots, OT	0.9030	0.5000	0.0000	0.0000	$47.72	$43.0912	$23.8600	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$43.0912	$23.8600
Loop Testing - Overtime Per 1/2 Hour	431XO	CO I&M Field, OT - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$52.09	$1.3023	$1.3023	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.3023	$1.3023
Loop Testing - Overtime Per 1/2 Hour	4WXXO	Work Management Center, OT (WMC)	0.0207	0.0000	0.0000	0.0000	$40.73	$0.8418	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.8418	$0.0000
Loop Testing - Overtime Per 1/2 Hour	410XO	Install & Mtce - Pots, OT	0.3100	0.0000	0.0000	0.0000	$47.72	$14.7932	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$14.7932	$0.0000
														Total	84.3522	48.8073

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Loop Testing - Overtime Per 1/2 Hour	230XO	Cust Pnt Of Cont, OT - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$38.79	$0.6788	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.6788	$0.0000
Loop Testing - Overtime Per 1/2 Hour	4AXXO	Acc Cust Adv Cntr, OT (ACAC)	0.5000	0.5000	0.0000	0.0000	$47.29	$23.6450	$23.6450	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$23.6450	$23.6450
Loop Testing - Overtime Per 1/2 Hour	410XO	Install & Mtce - Pots, OT	0.9030	0.5000	0.0000	0.0000	$47.72	$43.0912	$23.8600	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$43.0912	$23.8600
Loop Testing - Overtime Per 1/2 Hour	431XO	CO I&M Field, OT - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$52.09	$1.3023	$1.3023	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.3023	$1.3023
Loop Testing - Overtime Per 1/2 Hour	4WXXO	Work Management Center, OT (WMC)	0.0207	0.0000	0.0000	0.0000	$40.73	$0.8418	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.8418	$0.0000
Loop Testing - Overtime Per 1/2 Hour	410XO	Install & Mtce - Pots, OT	0.3100	0.0000	0.0000	0.0000	$47.72	$14.7932	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$14.7932	$0.0000
														Total	$4.3522	48.8073

Nonrecurring Cost Summary

Tennessee
A.19.3 - Loop Testing - Premium per 1/2 hour

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Nonrecurring Cost Development Sheet Col H	$103.9944	$0.0000	$103.9944	$60.3013	$0.0000	$60.3013
Total Cost	$103.9944	$0.0000	$103.9944	$60.3013	$0.0000	$60.3013
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$104.3077			$60.4829
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$104.3077**			**$60.4829**

000081

Nonrecurring Cost Development

Tennessee
A.19.3 - Loop Testing - Premium per 1/2 hour

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktimes First	A Installation Worktimes Additional	B Disconnect Worktimes First	B Disconnect Worktimes Additional	C Direct Labor Rate	D=AxC Install Cost First	D=AxC Install Cost Additional	E=BxC Disconnect Cost First	E=BxC Disconnect Cost Additional	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost First	G=ExF Discounted Disconnect Cost Additional	H=D+G Direct Cost First	H=D+G Direct Cost Additional
Loop Testing - Premium Per 1/2 Hour	230XP	Cust Pnt Of Cont, Prem Time - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$48.31	$0.8454	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.8454	$0.0000
Loop Testing - Premium Per 1/2 Hour	4AXXP	Acc Cust Adv Cntr, Prem Time (ACAC)	0.5000	0.5000	0.0000	0.0000	$58.76	$29.3800	$29.3800	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$29.3800	$29.3800
Loop Testing - Premium Per 1/2 Hour	410XP	Install & Mtce - Pots, Prem Time	0.9030	0.5000	0.0000	0.0000	$58.65	$52.9610	$29.3250	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$52.9610	$29.3250
Loop Testing - Premium Per 1/2 Hour	431XP	CO I&M Field, Prem Time - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$63.85	$1.5963	$1.5963	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.5963	$1.5963
Loop Testing - Premium Per 1/2 Hour	4WXXP	Work Management Center, Prem Time (WMC)	0.0207	0.0000	0.0000	0.0000	$49.85	$1.0302	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.0302	$0.0000
Loop Testing - Premium Per 1/2 Hour	410XP	Install & Mtce - Pots, Prem Time	0.3100	0.0000	0.0000	0.0000	$58.65	$18.1815	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$18.1815	$0.0000
														Total	103.9944	60.3013

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Loop Testing - Premium Per 1/2 Hour	230XP	Cust Pnt Of Cont, Prem Time - ICSC/LCSC	0.0175	0.0000	0.0000	0.0000	$48.31	$0.8454	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$0.8454	$0.0000
Loop Testing - Premium Per 1/2 Hour	4AXXP	Acc Cust Adv Cntr, Prem Time (ACAC)	0.5000	0.5000	0.0000	0.0000	$58.76	$29.3800	$29.3800	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$29.3800	$29.3800
Loop Testing - Premium Per 1/2 Hour	410XP	Install & Mtce - Pots, Prem Time	0.9030	0.5000	0.0000	0.0000	$58.65	$52.9610	$29.3250	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$52.9610	$29.3250
Loop Testing - Premium Per 1/2 Hour	431XP	CO I&M Field, Prem Time - Ckt & Fac	0.0250	0.0250	0.0000	0.0000	$63.85	$1.5963	$1.5963	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.5963	$1.5963
Loop Testing - Premium Per 1/2 Hour	4WXXP	Work Management Center, Prem Time (WMC)	0.0207	0.0000	0.0000	0.0000	$49.85	$1.0302	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$1.0302	$0.0000
Loop Testing - Premium Per 1/2 Hour	410XP	Install & Mtce - Pots, Prem Time	0.3100	0.0000	0.0000	0.0000	$58.65	$18.1815	$0.0000	$0.0000	$0.0000	1.0000	$0.0000	$0.0000	$18.1815	$0.0000
														Total	103.9944	60.3013

Nonrecurring Cost Summary

Tennessee
H.1.47 - Physical Collocation - Space Availability Report per CO

07/30/2001

	Nonrecurring Cost			
	Direct Cost	Shared Cost		TELRIC
Nonrecurring Cost Development Sheet Col H	$2,021.2853	$0.0000		$2,021.2853
Total Cost	$2,021.2853	$0.0000		$2,021.2853
Gross Receipts Tax Factor			X	1.0030
Cost (including Gross Receipts Tax)				$2,027.3754
Common Cost Factor			X	1.0000
Nonrecurring Economic Cost				**$2,027.3754**

000083

Nonrecurring Cost Development

Tennessee
H.1.47 - Physical Collocation - Space Availability Report per CO

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktime	B Disconnect Worktime	C Direct Labor Rate	D=AxC Install Cost	E=BxC Disconnect Cost	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost	H=D+G Direct Cost
Order Processing	JG58	Job Grade 58	0.5000	0.0000	$47.07	$23.5328	$0.0000	1.0000	$0.0000	$23.5328
Engineering	34XX	Ntwk & Eng Planning (FG20)	13.1250	0.0000	$50.98	$669.1125	$0.0000	1.0000	$0.0000	$669.1125
Engineering	30XX	Land And Buildings (FG10)	16.0000	0.0000	$83.04	$1,328.6400	$0.0000	1.0000	$0.0000	$1,328.6400
									Total	**2021.28525**

Function	JFC/ Payband	JFC/Payband Description	Installation Worktime	Disconnect Worktime	TELRIC Labor Rate	Install Cost	Disconnect Cost	Disconnect Discount Factor	Discounted Disconnect Cost	TELRIC
Order Processing	JG58	Job Grade 58	0.5000	0.0000	$47.07	$23.5328	$0.0000	1.0000	$0.0000	$23.5328
Engineering	34XX	Ntwk & Eng Planning (FG20)	13.1250	0.0000	$50.98	$669.1125	$0.0000	1.0000	$0.0000	$669.1125
Engineering	30XX	Land And Buildings (FG10)	16.0000	0.0000	$83.04	$1,328.6400	$0.0000	1.0000	$0.0000	$1,328.6400
									Total	**2021.2853**

000084

Nonrecurring Cost Summary

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$11.0887	$0.0000	$11.0887	$10.1519	$0.0000	$10.1519
Total Cost	$11.0887	$0.0000	$11.0887	$10.1519	$0.0000	$10.1519
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$11.1221			$10.1825
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$11.1221**			**$10.1825**

000085

Nonrecurring Cost Development

Tennessee
H.4.3 - Adjacent Collocation - 2-Wire Cross-Connects

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktimes First	A Installation Worktimes Additional	B Disconnect Worktimes First	B Disconnect Worktimes Additional	C Direct Labor Rate	D=AxC Install Cost First	D=AxC Install Cost Additional	E=BxC Disconnect Cost First	E=BxC Disconnect Cost Additional	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost First	G=ExF Discounted Disconnect Cost Additional	H=D+G Direct Cost First	H=D+G Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0035	0.0000	0.0000	0.0000	$33.64	$0.1177	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.1177	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0250	0.0000	0.0000	0.0000	$32.76	$0.8190	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.8190	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0091	0.0091	0.0000	0.0000	$33.64	$0.3061	$0.3061	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.3061	$0.3061
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.8251	$1.8251
														Total	11.0887	10.1519

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0035	0.0000	0.0000	0.0000	$33.64	$0.1177	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.1177	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0250	0.0000	0.0000	0.0000	$32.76	$0.8190	$0.0000	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.8190	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0091	0.0091	0.0000	0.0000	$33.64	$0.3061	$0.3061	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$0.3061	$0.3061
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.8251	$1.8251
														Total	11.0887	10.1519

Nonrecurring Cost Summary

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$11.2703	$0.0000	$11.2703	$10.2831	$0.0000	$10.2831
Total Cost	$11.2703	$0.0000	$11.2703	$10.2831	$0.0000	$10.2831
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$11.3043			$10.3141
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$11.3043**			**$10.3141**

000087

Nonrecurring Cost Development

Tennessee
H.4.4 - Adjacent Collocation - 4-Wire Cross Connects

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktimes First	A Installation Worktimes Additional	B Disconnect Worktimes First	B Disconnect Worktimes Additional	C Direct Labor Rate	D=AxC Install Cost First	D=AxC Install Cost Additional	E=BxC Disconnect Cost First	E=BxC Disconnect Cost Additional	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost First	G=ExF Discounted Disconnect Cost Additional	H=D+G Direct Cost First	H=D+G Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0050	0.0000	0.0000	0.0000	$33.64	$0.1682	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.1682	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0250	0.0000	0.0000	0.0000	$32.76	$0.8190	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.8190	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0130	0.0130	0.0000	0.0000	$33.64	$0.4373	$0.4373	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4373	$0.4373
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.8251	$1.8251
														Total	11.2703	10.2831

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0050	0.0000	0.0000	0.0000	$33.64	$0.1682	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.1682	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0250	0.0000	0.0000	0.0000	$32.76	$0.8190	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.8190	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0130	0.0130	0.0000	0.0000	$33.64	$0.4373	$0.4373	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4373	$0.4373
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.8251	$1.8251
														Total	11.2703	10.2831

Nonrecurring Cost Summary

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$28.3035	$0.0000	$28.3035	$16.8328	$0.0000	$16.8328
Total Cost	$28.3035	$0.0000	$28.3035	$16.8328	$0.0000	$16.8328
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$28.3888			$16.8835
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$28.3888**			**$16.8835**

000089

Nonrecurring Cost Development

Tennessee
H.4.5 - Adjacent Collocation - DS1 Cross-Connects

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktimes First	A Installation Worktimes Additional	B Disconnect Worktimes First	B Disconnect Worktimes Additional	C Direct Labor Rate	D=AxC Install Cost First	D=AxC Install Cost Additional	E=BxC Disconnect Cost First	E=BxC Disconnect Cost Additional	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost First	G=ExF Discounted Disconnect Cost Additional	H=D+G Direct Cost First	H=D+G Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0133	0.0000	0.0000	0.0000	$33.64	$0.4484	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4484	$0.0000
Service Order	3A2X	Ntwk Plug-In Admin (PICS)	0.0033	0.0000	0.0000	0.0000	$37.04	$0.1233	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.1233	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0733	0.0000	0.0000	0.0000	$32.76	$2.4023	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.4023	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0492	0.0492	0.0000	0.0000	$33.64	$1.6541	$1.6541	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6541	$1.6541
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	28.3035	16.8328

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0133	0.0000	0.0000	0.0000	$33.64	$0.4484	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4484	$0.0000
Service Order	3A2X	Ntwk Plug-In Admin (PICS)	0.0033	0.0000	0.0000	0.0000	$37.04	$0.1233	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.1233	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0733	0.0000	0.0000	0.0000	$32.76	$2.4023	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.4023	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0183	0.0183	0.0000	0.0000	$38.31	$0.7023	$0.7023	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.7023	$0.7023
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0492	0.0492	0.0000	0.0000	$33.64	$1.6541	$1.6541	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6541	$1.6541
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	28.3035	16.8328

000090

Nonrecurring Cost Summary

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$26.1557	$0.0000	$26.1557	$15.4603	$0.0000	$15.4603
Total Cost	$26.1557	$0.0000	$26.1557	$15.4603	$0.0000	$15.4603
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$26.2345			$15.5069
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$26.2345**			**$15.5069**

000091

07/30/2001

Nonrecurring Cost Development

Tennessee
H.4.6 - Adjacent Collocation - DS3 Cross-Connects

Function	JFC/ Payband	JFC/Payband Description	A: Installation Worktimes First	A: Installation Worktimes Additional	B: Disconnect Worktimes First	B: Disconnect Worktimes Additional	C: Direct Labor Rate	D=AxC: Install Cost First	D=AxC: Install Cost Additional	E=BxC: Disconnect Cost First	E=BxC: Disconnect Cost Additional	F: Disconnect Discount Factor	G=ExF: Discounted Disconnect Cost First	G=ExF: Discounted Disconnect Cost Additional	H=D+G: Direct Cost First	H=D+G: Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4233	$0.4233	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4233	$0.4233
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
Engineering	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
CONNECT & Test														Total	26.1557	15.4603

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4233	$0.4233	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4233	$0.4233
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
Engineering	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.000C	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
CONNECT & Test														Total	26.1557	15.4603

000092

Nonrecurring Cost Summary

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$26.1557	$0.0000	$26.1557	$15.4627	$0.0000	$15.4627
Total Cost	$26.1557	$0.0000	$26.1557	$15.4627	$0.0000	$15.4627
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$26.2345			$15.5093
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$26.2345**			**$15.5093**

000093

07/30/2001

Nonrecurring Cost Development

Tennessee
H.4.7 - Adjacent Collocation - 2-Fiber Cross-Connect

Function	JFC/ Payband	JFC/Payband Description	A: Installation Worktimes First	A: Installation Worktimes Additional	B: Disconnect Worktimes First	B: Disconnect Worktimes Additional	C: Direct Labor Rate	D=AxC: Install Cost First	D=AxC: Install Cost Additional	E=BxC: Disconnect Cost First	E=BxC: Disconnect Cost Additional	F: Disconnect Discount Factor	G=ExF: Discounted Disconnect Cost First	G=ExF: Discounted Disconnect Cost Additional	H=D+G: Direct Cost First	H=D+G: Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4233	$0.4257	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4233	$0.4257
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	26.1557	15.4627

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4233	$0.4257	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4233	$0.4257
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.1667	0.1667	0.0000	0.0000	$42.04	$7.0067	$7.0067	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$7.0067	$7.0067
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	26.1557	15.4627

Nonrecurring Cost Summary

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$29.6613	$0.0000	$29.6613	$18.9660	$0.0000	$18.9660
Total Cost	$29.6613	$0.0000	$29.6613	$18.9660	$0.0000	$18.9660
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$29.7507			$19.0232
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$29.7507**			**$19.0232**

000095

Nonrecurring Cost Development

07/30/2001

Tennessee
H.4.8 - Adjacent Collocation - 4-Fiber Cross-Connect

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4257	$0.4257	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4257	$0.4257
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	29.6613	18.9660

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0100	0.0100	0.0000	0.0000	$31.17	$0.3117	$0.3117	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.3117	$0.3117
Service Order	34XX	Ntwk & Eng Planning (FG20)	0.2500	0.0833	0.0000	0.0000	$50.98	$12.7450	$4.2483	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$12.7450	$4.2483
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0000	0.0000	0.0000	$33.64	$0.5607	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0500	0.0000	0.0000	0.0000	$32.76	$1.6380	$0.0000	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.6380	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0111	0.0111	0.0000	0.0000	$38.31	$0.4257	$0.4257	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.4257	$0.4257
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0167	0.0167	0.0000	0.0000	$33.64	$0.5607	$0.5607	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$0.5607	$0.5607
CONNECT & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
CONNECT & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000		
														Total	29.6613	18.9660

000096

Nonrecurring Cost Summary

Tennessee
H.4.9 - Adjacent Collocation - Application Cost

07/30/2001

Nonrecurring Cost

	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1,951.1407	$0.0000	$1,951.1407
Other Expenses			
Corporate Real Estate Services (CRES)	$1,013.0000	$0.0000	$1,013.0000
Total Cost	$2,964.1407	$0.0000	$2,964.1407
Gross Receipts Tax Factor			X 1.0030
Cost (including Gross Receipts Tax)			$2,973.0716
Common Cost Factor			X 1.0000
Nonrecurring Economic Cost			**$2,973.0716**

000097

Nonrecurring Cost Development

Tennessee
H.4.9 - Adjacent Collocation - Application Cost

07/30/2001

Function	JFC/ Payband	JFC/Payband Description	A Installation Worktime	B Disconnect Worktime	C Direct Labor Rate	D=AxC Install Cost	E=BxC Disconnect Cost	F Disconnect Discount Factor	G=ExF Discounted Disconnect Cost	H=D+G Direct Cost
Service Inquiry	JG58	Job Grade 58	11.0000	0.0000	$47.07	$517.7205	$0.0000	1.0102	$0.0000	$517.7205
Service Inquiry	WS10	Wage Scale 10	1.0000	0.0000	$24.14	$24.1422	$0.0000	1.0102	$0.0000	$24.1422
Service Inquiry	230X	Customer Point Of Contact - ICSC/LCSC	0.5000	0.0000	$31.17	$15.5850	$0.0000	1.0102	$0.0000	$15.5850
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	10.0000	0.0000	$50.98	$509.8000	$0.0000	1.0102	$0.0000	$509.8000
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	1.0000	0.0000	$50.98	$50.9800	$0.0000	1.0102	$0.0000	$50.9800
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	8.0000	0.0000	$50.98	$407.8400	$0.0000	1.0102	$0.0000	$407.8400
Service Inquiry	32XX	Outside Plant Eng (FG30)	3.0000	0.0000	$43.66	$130.9800	$0.0000	1.0102	$0.0000	$130.9800
Service Inquiry	JG58	Job Grade 58	0.7500	0.0000	$47.07	$35.2991	$0.0000	1.0102	$0.0000	$35.2991
Service Inquiry	JG55	Job Grade 55	0.1250	0.0000	$31.15	$3.8939	$0.0000	1.0102	$0.0000	$3.8939
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	5.0000	0.0000	$50.98	$254.9000	$0.0000	1.0102	$0.0000	$254.9000
									Total	1951.140675

Function	JFC/ Payband	JFC/Payband Description	Installation Worktime	Disconnect Worktime	TELRIC Labor Rate	Install Cost	Disconnect Cost	Disconnect Discount Factor	Discounted Disconnect Cost	TELRIC
Service Inquiry	JG58	Job Grade 58	11.0000	0.0000	$47.07	$517.7205	$0.0000	1.0102	$0.0000	$517.7205
Service Inquiry	WS10	Wage Scale 10	1.0000	0.0000	$24.14	$24.1422	$0.0000	1.0102	$0.0000	$24.1422
Service Inquiry	230X	Customer Point Of Contact - ICSC/LCSC	0.5000	0.0000	$31.17	$15.5850	$0.0000	1.0102	$0.0000	$15.5850
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	10.0000	0.0000	$50.98	$509.8000	$0.0000	1.0102	$0.0000	$509.8000
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	1.0000	0.0000	$50.98	$50.9800	$0.0000	1.0102	$0.0000	$50.9800
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	8.0000	0.0000	$50.98	$407.8400	$0.0000	1.0102	$0.0000	$407.8400
Service Inquiry	32XX	Outside Plant Eng (FG30)	3.0000	0.0000	$43.66	$130.9800	$0.0000	1.0102	$0.0000	$130.9800
Service Inquiry	JG58	Job Grade 58	0.7500	0.0000	$47.07	$35.2991	$0.0000	1.0102	$0.0000	$35.2991
Service Inquiry	JG55	Job Grade 55	0.1250	0.0000	$31.15	$3.8939	$0.0000	1.0102	$0.0000	$3.8939
Service Inquiry	34XX	Ntwk & Eng Planning (FG20)	5.0000	0.0000	$50.98	$254.9000	$0.0000	1.0102	$0.0000	$254.9000
									Total	1951.1407

000098

Nonrecurring Cost Summary

Tennessee
H.4.10 - Adjacent Collocation - 2-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000099

Nonrecurring Cost Development

Tennessee
H.4.10 - Adjacent Collocation - 2-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

Nonrecurring Cost Summary

Tennessee
H.4.11 - Adjacent Collocation - 4-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

	Nonrecurring Cost					
	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000101

Nonrecurring Cost Development

Tennessee
H.4.11 - Adjacent Collocation - 4-Wire Cross Connect -Manual Svc Order vs. Electronic Service Order

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0 0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1 7663	$0.0000	$0.0000	1.1920	$0.0000	$0 0000	$1.7663	$1 7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0 0567	0 0567	0.0000	0.0000	$31 17	$1.7663	$1 7663	$0 0000	$0.0000	1 1920	$0.0000	$0 0000	$1.7663	$1.7663
														Total	1.7663	1.7663

000102

Nonrecurring Cost Summary

Tennessee
H.4.12 - Adjacent Collocation - DS-1 Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000103

Nonrecurring Cost Development

Tennessee

H.4.12 - Adjacent Collocation - DS-1 Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

000104

Nonrecurring Cost Summary

Tennessee
H.4.13 - Adjacent Collocation - DS-3 Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000105

Nonrecurring Cost Development

Tennessee
H.4.13 - Adjacent Collocation - DS-3 Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

000106

Nonrecurring Cost Summary

Tennessee
H.4.14 - Adjacent Collocation - 2-Fiber Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000107

Nonrecurring Cost Development

Tennessee
H.4.14 - Adjacent Collocation - 2-Fiber Cross Connect -Manual Svc Order vs. Electronic Service Order

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

000108

Nonrecurring Cost Summary

Tennessee
H.4.15 - Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Total Cost	$1.7663	$0.0000	$1.7663	$1.7663	$0.0000	$1.7663
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.7716			$1.7716
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.7716**			**$1.7716**

000109

Nonrecurring Cost Development

Tennessee
H.4.15 - Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0567	0.0567	0.0000	0.0000	$31.17	$1.7663	$1.7663	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.7663	$1.7663
														Total	1.7663	1.7663

000110

Nonrecurring Cost Summary

Tennessee
H.4.398 - Adjacent Collocation - 2-Wire Cross-Connects - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$12.3351	$0.0000	$12.3351	$12.3351	$0.0000	$12.3351
Total Cost	$12.3351	$0.0000	$12.3351	$12.3351	$0.0000	$12.3351
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$12.3723			$12.3723
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$12.3723**			**$12.3723**

000111

Nonrecurring Cost Development

Tennessee
H.4.398 - Adjacent Collocation - 2-Wire Cross-Connects - Test

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.8251	$1.8251
														Total	12.3351	12.3351

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1681	$0.0000	$0.0000	$1.8251	$1.8251
														Total	12.3351	12.3351

Nonrecurring Cost Summary

Tennessee
H.4.399 - Adjacent Collocation - 2-Wire Cross-Connects - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$11.2942	$0.0000	$11.2942	$10.2000	$0.0000	$10.2000
Total Cost	$11.2942	$0.0000	$11.2942	$10.2000	$0.0000	$10.2000
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$11.3282			$10.2307
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$11.3282**			**$10.2307**

000113

Nonrecurring Cost Development

Tennessee
H.4.399 - Adjacent Collocation - 2-Wire Cross-Connects - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1681	$0.1214	$0.1214	$0.1214	$0.1214
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0035	0.0000	$33.64	$0.0000	$0.0000	$0.1177	$0.0000	1.1681	$0.1375	$0.0000	$0.1375	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1681	$0.9567	$0.0000	$0.9567	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1681	$0.8204	$0.8204	$0.8204	$0.8204
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0000	0.0000	$33.64	$0.0000	$0.0000	$0.0016	$0.0016	1.1681	$0.0019	$0.0019	$0.0019	$0.0019
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1681	$8.1845	$8.1845	$8.1845	$8.1845
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1681	$1.0718	$1.0718	$1.0718	$1.0718
														Total	11.2942	10.2000

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1681	$0.1214	$0.1214	$0.1214	$0.1214
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0035	0.0000	$33.64	$0.0000	$0.0000	$0.1177	$0.0000	1.1681	$0.1375	$0.0000	$0.1375	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1681	$0.9567	$0.0000	$0.9567	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1681	$0.8204	$0.8204	$0.8204	$0.8204
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0000	0.0000	$33.64	$0.0000	$0.0000	$0.0016	$0.0016	1.1681	$0.0019	$0.0019	$0.0019	$0.0019
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1681	$8.1845	$8.1845	$8.1845	$8.1845
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1681	$1.0718	$1.0718	$1.0718	$1.0718
														Total	11.2942	10.2000

000114

Nonrecurring Cost Summary

Tennessee
H.4.498 - Adjacent Collocation - 4-Wire Cross Connects - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$12.3351	$0.0000	$12.3351	$12.3351	$0.0000	$12.3351
Total Cost	$12.3351	$0.0000	$12.3351	$12.3351	$0.0000	$12.3351
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$12.3723			$12.3723
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$12.3723**			**$12.3723**

000115

Nonrecurring Cost Development

Tennessee
H.4.498 - Adjacent Collocation - 4-Wire Cross Connects - Test

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.8251	$1.8251
														Total	12.3351	12.3351

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0476	0.0476	0.0000	0.0000	$38.31	$1.8251	$1.8251	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$1.8251	$1.8251
														Total	12.3351	12.3351

000116

Nonrecurring Cost Summary

Tennessee
H.4.499 - Adjacent Collocation - 4-Wire Cross Connects - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$11.5864	$0.0000	$11.5864	$10.4096	$0.0000	$10.4096
Total Cost	$11.5864	$0.0000	$11.5864	$10.4096	$0.0000	$10.4096
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$11.6213			$10.4410
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$11.6213**			**$10.4410**

000117

Nonrecurring Cost Development

Tennessee
H.4.499 - Adjacent Collocation - 4-Wire Cross Connects - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0050	0.0000	$33.64	$0.0000	$0.0000	$0.1682	$0.0000	1.1920	$0.2005	$0.0000	$0.2005	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1920	$0.9763	$0.0000	$0.9763	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1920	$0.8372	$0.8372	$0.8372	$0.8372
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0001	0.0001	$33.64	$0.0000	$0.0000	$0.0024	$0.0024	1.1920	$0.0028	$0.0028	$0.0028	$0.0028
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	11.5864	10.4096

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0050	0.0000	$33.64	$0.0000	$0.0000	$0.1682	$0.0000	1.1920	$0.2005	$0.0000	$0.2005	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1920	$0.9763	$0.0000	$0.9763	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1920	$0.8372	$0.8372	$0.8372	$0.8372
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0001	0.0001	$33.64	$0.0000	$0.0000	$0.0024	$0.0024	1.1920	$0.0028	$0.0028	$0.0028	$0.0028
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	11.5864	10.4096

000118

Nonrecurring Cost Summary

Tennessee
H.4.598 - Adjacent Collocation - DS1 Cross-Connects - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Total Cost	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$13.4601			$13.4601
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$13.4601**			**$13.4601**

000119

07/30/2001

Nonrecurring Cost Development

Tennessee
H.4.598 - Adjacent Collocation - DS1 Cross-Connects - Test

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

000120

Nonrecurring Cost Summary

Tennessee
H.4.599 - Adjacent Collocation - DS1 Cross-Connects - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$11.6169	$0.0000	$11.6169	$10.5071	$0.0000	$10.5071
Total Cost	$11.6169	$0.0000	$11.6169	$10.5071	$0.0000	$10.5071
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$11.6519			$10.5387
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$11.6519**			**$10.5387**

000121

Nonrecurring Cost Development

Tennessee
H.4.599 - Adjacent Collocation - DS1 Cross-Connects - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0033	0.0000	$33.64	$0.0000	$0.0000	$0.1120	$0.0000	1.1920	$0.1335	$0.0000	$0.1335	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1920	$0.9763	$0.0000	$0.9763	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1920	$0.8372	$0.8372	$0.8372	$0.8372
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0025	0.0025	$33.64	$0.0000	$0.0000	$0.0841	$0.0841	1.1920	$0.1002	$0.1002	$0.1002	$0.1002
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	11.6169	10.5071

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0033	0.0000	$33.64	$0.0000	$0.0000	$0.1120	$0.0000	1.1920	$0.1335	$0.0000	$0.1335	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0250	0.0000	$32.76	$0.0000	$0.0000	$0.8190	$0.0000	1.1920	$0.9763	$0.0000	$0.9763	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0183	0.0183	$38.31	$0.0000	$0.0000	$0.7023	$0.7023	1.1920	$0.8372	$0.8372	$0.8372	$0.8372
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0025	0.0025	$33.64	$0.0000	$0.0000	$0.0841	$0.0841	1.1920	$0.1002	$0.1002	$0.1002	$0.1002
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	11.6169	10.5071

Nonrecurring Cost Summary

Tennessee
H.4.698 - Adjacent Collocation - DS3 Cross-Connects - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Total Cost	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$13.4601			$13.4601
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$13.4601**			**$13.4601**

000123

Nonrecurring Cost Development

Tennessee
H.4.698 - Adjacent Collocation - DS3 Cross-Connects - Test

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

000124

Nonrecurring Cost Summary

Tennessee
H.4.699 - Adjacent Collocation - DS3 Cross-Connects - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$13.3634	$0.0000	$13.3634	$10.7426	$0.0000	$10.7426
Total Cost	$13.3634	$0.0000	$13.3634	$10.7426	$0.0000	$10.7426
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$13.4037			$10.7749
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$13.4037**			**$10.7749**

000125

Nonrecurring Cost Development

Tennessee
H.4.699 - Adjacent Collocation - DS3 Cross-Connects - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4233	$0.4233	1.1920	$0.5046	$0.5046	$0.5046	$0.5046
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	13.3634	10.7426

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor	Install Cost		Disconnect Cost		Disconnect Discount	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4233	$0.4233	1.1920	$0.5046	$0.5046	$0.5046	$0.5046
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	13.3634	10.7426

Nonrecurring Cost Summary

Tennessee
H.4.798 - Adjacent Collocation - 2-Fiber Cross-Connect - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	**Shared Cost**	**TELRIC**	**Direct Cost**	**Shared Cost**	**TELRIC**
Nonrecurring Cost Development Sheet Col H	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Total Cost	$13.4196	$0.0000	$13.4196	$13.4196	$0.0000	$13.4196
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$13.4601			$13.4601
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$13.4601**			**$13.4601**

000127

Nonrecurring Cost Development

Tennessee
H.4.798 - Adjacent Collocation - 2-Fiber Cross-Connect - Test

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.2500	0.2500	0.0000	0.0000	$42.04	$10.5100	$10.5100	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$10.5100	$10.5100
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	13.4196	13.4196

000128

Nonrecurring Cost Summary

Tennessee
H.4.799 - Adjacent Collocation - 2-Fiber Cross-Connect - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$13.3662	$0.0000	$13.3662	$10.7453	$0.0000	$10.7453
Total Cost	$13.3662	$0.0000	$13.3662	$10.7453	$0.0000	$10.7453
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$13.4065			$10.7777
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$13.4065**			**$10.7777**

000129

Nonrecurring Cost Development

Tennessee
H.4.799 - Adjacent Collocation - 2-Fiber Cross-Connect - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4257	$0.4257	1.1920	$0.5074	$0.5074	$0.5074	$0.5074
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	13.3662	10.7453

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional	Rate	First	Additional	First	Additional	Factor	First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4257	$0.4257	1.1920	$0.5074	$0.5074	$0.5074	$0.5074
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	$42.04	$0.0000	$0.0000	$7.0067	$7.0067	1.1920	$8.3521	$8.3521	$8.3521	$8.3521
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	13.3662	10.7453

Nonrecurring Cost Summary

Tennessee
H.4.898 - Adjacent Collocation - 4-Fiber Cross-Connect - Test

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$18.6746	$0.0000	$18.6746	$18.6746	$0.0000	$18.6746
Total Cost	$18.6746	$0.0000	$18.6746	$18.6746	$0.0000	$18.6746
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$18.7309			$18.7309
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$18.7309**			**$18.7309**

000131

Nonrecurring Cost Development

Tennessee
H.4.898 - Adjacent Collocation - 4-Fiber Cross-Connect - Test

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.3750	0.3750	0.0000	0.0000	$42.04	$15.7650	$15.7650	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$15.7650	$15.7650
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	18.6746	18.6746

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Connect & TEST	431X	CO Install & Mtce Field - Ckt & Fac	0.3750	0.3750	0.0000	0.0000	$42.04	$15.7650	$15.7650	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$15.7650	$15.7650
Connect & TEST	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0760	0.0760	0.0000	0.0000	$38.31	$2.9096	$2.9096	$0.0000	$0.0000	1.1920	$0.0000	$0.0000	$2.9096	$2.9096
														Total	18.6746	18.6746

000132

Nonrecurring Cost Summary

Tennessee
H.4.899 - Adjacent Collocation - 4-Fiber Cross-Connect - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$17.5422	$0.0000	$17.5422	$14.9214	$0.0000	$14.9214
Total Cost	$17.5422	$0.0000	$17.5422	$14.9214	$0.0000	$14.9214
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$17.5951			$14.9663
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$17.5951**			**$14.9663**

000133

Nonrecurring Cost Development

Tennessee
H.4.899 - Adjacent Collocation - 4-Fiber Cross-Connect - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4257	$0.4257	1.1920	$0.5074	$0.5074	$0.5074	$0.5074
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.2500	0.2500	$42.04	$0.0000	$0.0000	$10.5100	$10.5100	1.1920	$12.5281	$12.5281	$12.5281	$12.5281
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	17.5422	14.9214

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0033	0.0033	$31.17	$0.0000	$0.0000	$0.1039	$0.1039	1.1920	$0.1239	$0.1239	$0.1239	$0.1239
Service Order	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0000	$33.64	$0.0000	$0.0000	$0.5607	$0.0000	1.1920	$0.6683	$0.0000	$0.6683	$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.0000	0.0000	0.0500	0.0000	$32.76	$0.0000	$0.0000	$1.6380	$0.0000	1.1920	$1.9525	$0.0000	$1.9525	$0.0000
Service Order	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0111	0.0111	$38.31	$0.0000	$0.0000	$0.4257	$0.4257	1.1920	$0.5074	$0.5074	$0.5074	$0.5074
Engineering	4N4X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0167	0.0167	$33.64	$0.0000	$0.0000	$0.5607	$0.5607	1.1920	$0.6683	$0.6683	$0.6683	$0.6683
Connect & Test	431X	CO Install & Mtce Field - Ckt & Fac	0.0000	0.0000	0.2500	0.2500	$42.04	$0.0000	$0.0000	$10.5100	$10.5100	1.1920	$12.5281	$12.5281	$12.5281	$12.5281
Connect & Test	4AXX	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.0240	0.0240	$38.31	$0.0000	$0.0000	$0.9175	$0.9175	1.1920	$1.0937	$1.0937	$1.0937	$1.0937
														Total	17.5422	14.9214

000134

Nonrecurring Cost Summary

Tennessee
H.4.999 - Adjacent Collocation - Application Cost - Disconnect

07/30/2001

Nonrecurring Cost

	Direct Cost	Shared Cost		TELRIC
Nonrecurring Cost Development Sheet Col H	$0.9446	$0.0000		$0.9446
Total Cost	$0.9446	$0.0000		$0.9446
Gross Receipts Tax Factor			X	1.0030
Cost (including Gross Receipts Tax)				$0.9475
Common Cost Factor			X	1.0000
Nonrecurring Economic Cost				**$0.9475**

000135

Nonrecurring Cost Development

Tennessee
H.4.999 - Adjacent Collocation - Application Cost - Disconnect

07/30/2001

			A	B	C	D=AxC	E=BxC	F	G=ExF	H=D+G
Function	**JFC/ Payband**	**JFC/Payband Description**	**Installation Worktime**	**Disconnect Worktime**	**Direct Labor Rate**	**Install Cost**	**Disconnect Cost**	**Disconnect Discount Factor**	**Discounted Disconnect Cost**	**Direct Cost**
Service Inquiry	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0300	$31.17	$0.0000	$0.9351	1.0102	$0.9446	$0.9446
									Total	**0.944624253**

Function	**JFC/ Payband**	**JFC/Payband Description**	**Installation Worktime**	**Disconnect Worktime**	**TELRIC Labor Rate**	**Install Cost**	**Disconnect Cost**	**Disconnect Discount Factor**	**Discounted Disconnect Cost**	**TELRIC**
Service Inquiry	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0300	$31.17	$0.0000	$0.9351	1.0102	$0.9446	$0.9446
									Total	**0.9446**

000136

Nonrecurring Cost Summary

Tennessee
H.4.1099 - Adjacent Collocation - 2-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000137

Nonrecurring Cost Development

Tennessee

H.4.1099 - Adjacent Collocation - 2-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000138

Nonrecurring Cost Summary

Tennessee

H.4.1199 - Adjacent Collocation - 4-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000139

Nonrecurring Cost Development

Tennessee
H.4.1199 - Adjacent Collocation - 4-Wire Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000140

Nonrecurring Cost Summary

Tennessee

H.4.1299 - Adjacent Collocation - DS-1 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000141

Nonrecurring Cost Development

Tennessee
H.4.1299 - Adjacent Collocation - DS-1 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000142

Nonrecurring Cost Summary

Tennessee
H.4.1399 - Adjacent Collocation - DS-3 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000143

Nonrecurring Cost Development

Tennessee
H.4.1399 - Adjacent Collocation - DS-3 Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	JFC/Payband Description	First	Additional	First	Additional		First	Additional	First	Additional		First	Additional	First	Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000144

Nonrecurring Cost Summary

Tennessee
H.4.1499 - Adjacent Collocation - 2-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order - Disconnect

07/30/2001

Nonrecurring Cost

	First			Additional		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000145

Nonrecurring Cost Development

Tennessee
H.4.1499 - Adjacent Collocation - 2-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order - Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000146

Nonrecurring Cost Summary

Tennessee

H.4.1599 - Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

Nonrecurring Cost

	First Direct Cost	First Shared Cost	First TELRIC	Additional Direct Cost	Additional Shared Cost	Additional TELRIC
Nonrecurring Cost Development Sheet Col H	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Total Cost	$1.1147	$0.0000	$1.1147	$1.1147	$0.0000	$1.1147
Gross Receipts Tax Factor			X 1.0030			X 1.0030
Cost (including Gross Receipts Tax)			$1.1180			$1.1180
Common Cost Factor			X 1.0000			X 1.0000
Nonrecurring Economic Cost			**$1.1180**			**$1.1180**

000147

Nonrecurring Cost Development

Tennessee
H.4.1599 - Adjacent Collocation - 4-Fiber Cross Connect - Manual Svc Order vs. Electronic Service Order- Disconnect

07/30/2001

			A		B		C	D=AxC		E=BxC		F	G=ExF		H=D+G	
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	Direct Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	Direct Cost First	Direct Cost Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes First	Installation Worktimes Additional	Disconnect Worktimes First	Disconnect Worktimes Additional	TELRIC Labor Rate	Install Cost First	Install Cost Additional	Disconnect Cost First	Disconnect Cost Additional	Disconnect Discount Factor	Discounted Disconnect Cost First	Discounted Disconnect Cost Additional	TELRIC First	TELRIC Additional
Service Order	230X	Customer Point Of Contact - ICSC/LCSC	0.0000	0.0000	0.0300	0.0300	$31.17	$0.0000	$0.0000	$0.9351	$0.9351	1.1920	$1.1147	$1.1147	$1.1147	$1.1147
														Total	1.1147	1.1147

000148

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 2000-2002										
4											
5											
6											
7											
8											
9			**Sheet Name:**		**Description:**						
10			Index		Engineering Information						
11			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES						
12			WP100		Nonrecurring Worktimes						
13			INPUTS_ENGINEERING		Detailed Labor Worktimes						
14			INPUTS_MISC		Miscellaneous Inputs						
15											
16											
17											
18											
19											
20											

C00149

	A	B	C	D	E	F	G	H	I	J
1		CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA								
2										
3		Instructions:								
4		1. Use this worksheet to record material and/or investments to be input into the								
5		Calculator calculations.								
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).								
7		3. Input data, by Cost Element, leaving no blank lines. On next row								
8		after last line of data, type END in Cost Element Column.								
9		4. All data on this form should be cell-referenced to study workpapers.								
10		5. Do NOT change columns, headings, sheet name.								
11										
12					Volume	Volume				
13		Cost		Sub	Sensitive	Insensitive				
14	State	Element #	FRC	FRC	$ Amount	$ Amount				
15	TN									
16		END								
17										
18										
19										
20										
21										
22										
23										
24										
25										

000150

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring non-labor expenses to be input into the						
5		Calculator calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13								
14				Recurring	Recurring			
15			Recurring	Volume	Volume			
16		Cost	Expense Description	Sensitive	Insensitive			
17	State	Element #	(Limited to 25 characters)	$ Amount	$ Amount			
18	TN							
19		END						
20								
21								
22								
23								
24								
25								
26								
27								
28								
29			Maximum 10 entries per Cost Element #					
30								

000151

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record nonrecurring non-labor expenses to be input into the Calculator calculations.						
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6		3. Input data, by Cost Element, leaving no blank lines. On next row						
7		after last line of data, type END in Cost Element Column.						
8		4. All data on this form should be cell-referenced to study workpapers.						
9		5. Do NOT change columns, headings, sheet name.						
10		6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
11		and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
12								
13								
14			Nonrecurring		Nonrecurring	Nonrecurring	Nonrecurring	Nonrecurring
15		Cost	Expense Description	Nonrecurring	First	Additional	Initial	Subsequent
16	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	**$ Amount**	**$ Amount**	**$ Amount**
17	TN							
18		END						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28			Maximum 10 entries per Cost Element #					
29								
30								

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING LA BOR EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring expensed labor times to be input into the						
5		Calculator calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13					Work Time (Hours)			
14		Cost	Labor Expense Description	JFC/	Volume	Volume		
15	State	Element #	(Limited to 25 characters)	Payband	Sensitive	Insensitive		
16	TN							
17		END						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37			Maximum 20 entries per Cost Element #					
38								

000153

CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES

Instructions:

1. Use this worksheet to record nonrecurring labor times to be input into the Calculator calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this form should be cell-referenced to study workpapers.
5. Do NOT change columns, headings, sheet name.
6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.
7. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.

Study Mid-Point Date (Mos.) 6/1/2001

State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR) Installation Time (Hours)	(For use w/ one NR) Disconnect Time Hours	First Installation Time (Hours)	First Disconnect Time Hours	Additional Installation Time (Hours)	Additional Disconnect Time Hours	Initial Installation Time (Hours)	Initial Disconnect Time Hours	Subsequent Installation Time (Hours)	Subsequent Disconnect Time Hours
TN	A.1.8		ENGINEERING	4M1X	0.0267									
TN	A.1.8		ENGINEERING	4FXX	0.0833									
TN	A.1.8		ENGINEERING	JG57	0.1667									
TN	A.1.8		ENGINEERING	JG57	0.3667									
	END													

Maximum of 25 entries per Cost Element #

000154

TN El...

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	**Tennessee**												
2	**Detailed Labor Worktimes**												
3	**Study Period: 2000-2002**												
4													
5	**Item/Description**				**Worktimes (Min.)**								
6	**ADDRESS AND FACILITY INVENTORY (AFIG)**	**Source**	**Description**	**JG / WS**	**First Install**	**% of Time EI is not in LFACS**							
7	Puts order in PF status which routes to SAC for input of EI information	Network	ENGINEERING	4M1X	8.00	20.0%							
8													
9													
10	**Item/Description**				**Worktimes (Min.)**								
11	**SERVICE ADVOCACY CENTER (SAC)**	**Source**	**Description**	**JG / WS**	**First Install**								
12	Clerk pulls request from printer	Network	ENGINEERING	4FXX	5.00								
13	Investigation and lookup	Network	ENGINEERING	JG57	10.00								
14	Pulls EI and releases order to ENDI which generates the EI to the CLEC	Network	ENGINEERING	JG57	22.00								
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													

000155

	A	B	C
1	**Tennessee**		
2	**Miscellaneous Inputs**		
3	**Study Period: 2000-2002**		
4			
5			
6	**Input Description**	**Source**	**Percentage**
7			
8			
9			
10	**% of Time EI is not in LFACS**	**Per Ron Pate Testimony**	**20.0%**

000156

	A	B	C	D	E	F	G
1	Tennessee						
2	Nonrecurring Worktimes						
3	Study Period: 2000-2002						
4							
5	A.1.8	Engineering Information					
6							
7				Worktimes (Min.)		Worktimes (Hrs.)	
8	Source	Description	JFC / JG / WS	First Install		First Install	
9	INPUTS_ENGINEERING, E7*F7	ENGINEERING	4M1X	1.60		0.0267	
10	INPUTS_ENGINEERING, E12	ENGINEERING	4FXX	5.00		0.0833	
11	INPUTS_ENGINEERING, E13	ENGINEERING	JG57	10.00		0.1667	
12	INPUTS_ENGINEERING, E14	ENGINEERING	JG57	22.00		0.3667	
13							
14							
15							
16							
17							
18							
19							
20							

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 2000-2002										
4											
5											
6											
7											
8											
9			**Sheet Name:**		**Description:**						
10			Index		Unbundled Copper Loops - Non Design						
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA						
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES						
13			WP100		Nonrecurring Worktimes						
14			INPUTS_ENGINEERING		Detailed Labor Worktimes						
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes						
16			INPUTS_TRAVEL		Detailed Labor Worktimes						
17			INPUTS_MISC		Miscellaneous Inputs						
18											
19											
20											
21											
22											
23											

000158

	A	B	C	D	E	F	G	H	I	J
1		**CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA**								
2										
3		**Instructions:**								
4		**1. Use this worksheet to record material and/or investments to be input into the**								
5		**Calculator calculations.**								
6		**2. All amounts shown are per unit (e.g., per call, per loop, per MOU).**								
7		**3. Input data, by Cost Element, leaving no blank lines. On next row**								
8		**after last line of data, type END in Cost Element Column.**								
9		**4. All data on this form should be cell-referenced to study workpapers.**								
10		**5. Do NOT change columns, headings, sheet name.**								
11										
12					**Volume**	**Volume**				
13		**Cost**		**Sub**	**Sensitive**	**Insensitive**				
14	**State**	**Element #**	**FRC**	**FRC**	**$ Amount**	**$ Amount**				
15	TN									
16		END								
17										
18										
19										
20										
21										
22										
23										
24										
25										

000159

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring non-labor expenses to be input into the						
5		Calculator calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13								
14–17	State	Cost Element #	Recurring Expense Description (Limited to 25 characters)	Recurring Volume Sensitive $ Amount	Recurring Volume Insensitive $ Amount			
18	TN	A.13.12	Subscriber Line Testing	$0.2061				
19	TN	A.13.12	Network Terminating Wire	$0.1301				
20		END						
21								
22								
23								
24								
25			Maximum 10 entries per Cost Element #					
26								

000160

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record nonrecurring non-labor expenses to be input into the Calculator calculations.						
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6		3. Input data, by Cost Element, leaving no blank lines. On next row						
7		after last line of data, type END in Cost Element Column.						
8		4. All data on this form should be cell-referenced to study workpapers.						
9		5. Do NOT change columns, headings, sheet name.						
10		6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
11		and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
12								
13								
14			Nonrecurring		Nonrecurring	Nonrecurring	Nonrecurring	Nonrecurring
15		Cost	Expense Description	Nonrecurring	First	Additional	Initial	Subsequent
16	State	Element #	(Limited to 25 characters)	$ Amount	$ Amount	$ Amount	$ Amount	$ Amount
17	TN							
18		END						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28			Maximum 10 entries per Cost Element #					
29								
30								

000161

CALCULATOR INPUT FORM - RECURRING LA BOR EXPENSES DATA

Instructions:

1. **Use this worksheet to record recurring expensed labor times to be input into the Calculator calculations.**
2. **All amounts shown are per unit (e.g., per call, per loop, per MOU).**
3. **Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.**
4. **All data on this form should be cell-referenced to study workpapers.**
5. **Do NOT change columns, headings, sheet name.**

	A	B	C	D	E	F	G	H
13					Work Time (Hours)			
14–15	**State**	**Cost Element #**	**Labor Expense Description (Limited to 25 characters)**	**JFC/ Payband**	**Volume Sensitive**	**Volume Insensitive**		
16	TN							
17		END						
37			Maximum 20 entries per Cost Element #					

000162

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES													
2															
3		Instructions:													
4		1. Use this worksheet to record nonrecurring labor times to be input into the Calculator calculations.													
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).													
6		3. Input data, by Cost Element, leaving no blank lines. On next row													
7		after last line of data, type END in Cost Element Column.													
8		4. All data on this form should be cell-referenced to study workpapers.													
9		5. Do NOT change columns, headings, sheet name.													
10		6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first													
11		and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.													
12		7. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.													
13															
14															
15	Study Mid-Point Date (Mos.)			6/1/2001											
16															
17-20	State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR) Installation Time (Hours)	Disconnect Time Hours	First Installation Time (Hours)	First Disconnect Time Hours	Additional Installation Time (Hours)	Additional Disconnect Time Hours	Initial Installation Time (Hours)	Initial Disconnect Time Hours	Subsequent Installation Time (Hours)	Subsequent Disconnect Time Hours
21	TN	A.13.12	46	INTERCONN SVCS.	230X			0.0175		0.0175					
22	TN	A.13.12	46	ENGINEERING	JG57			0.0750		0.0750					
23	TN	A.13.12	46	ENGINEERING	4FXX			0.0250		0.0250					
24	TN	A.13.12	46	ENGINEERING	4M1X			0.0400		0.0400					
25	TN	A.13.12	46	CONNECT & TEST	4AXX			0.4640		-					
26	TN	A.13.12	46	CONNECT & TEST	410X			0.4633		0.2163					
27	TN	A.13.12	46	CONNECT & TEST	4WXX			0.0333		-					
28	TN	A.13.12	46	CONNECT & TEST	431X			0.1275		0.0680					
29	TN	A.13.12	46	TRAVEL	410X			0.1267		-					
30	TN	A.13.12	46	INTERCONN SVCS.	230X				0.0175		0.0175				
31	TN	A.13.1299	46	ENGINEERING	JG57				-		-				
32	TN	A.13.1299	46	ENGINEERING	4FXX				-		-				
33	TN	A.13.1299	46	ENGINEERING	4M1X				0.0058		0.0058				
34	TN	A.13.1299	46	CONNECT & TEST	4AXX				0.4323		-				
35	TN	A.13.1299	46	CONNECT & TEST	410X				0.2977		0.0507				
36	TN	A.13.1299	46	CONNECT & TEST	4WXX				-		-				
37	TN	A.13.1299	46	CONNECT & TEST	431X				0.1020		0.0680				
38	TN	A.13.1299	46	TRAVEL	410X				-		-				
39	TN	A.13.1298	46	CONNECT & TEST	410X			0.2857		0.2857					
40	TN	A.13.1298	46	CONNECT & TEST	431X			0.0850		0.0453					
41	TN	A.13.1298	46	CONNECT & TEST	410X				-		-				
42	TN	A.13.1298	46	CONNECT & TEST	431X				0.0680		0.0453				
43		END													
44				Maximum of 25 entries per Cost Element #											
45															

000163

	A	B	C	D	E	F	G	H	I
1	Tennessee								
2	Detailed Labor Worktimes								
3	Study Period: 2000-2002								
4									
5	Item/Description				Worktimes (Min.)				
6	LOCAL CARRIER SERVICE CENTER (LCSC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)
7	LCSC receives request and issues service order.	Interconn Svcs.	SERVICE ORDER	230X	15.00	15.00	15.00	15.00	7%

000164

	A	B	C	D	E	F	G	H	I	J	K
1	**Tennessee**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
5	**Item/Description**				**Worktimes (Min.)**						
6	**Customer Wholesale Interconnection Network Services**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability / Reuse**		
7	**Provisioning Variables**										
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST	4AXX	2.40	2.40	2.40	0.00	55%		
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST	4AXX	7.20	7.20	7.20	0.00	12%		
10	(3) Assist Calls (6% of orders at 15.8 min.)	Interconn Svcs.	CONNECT & TEST	4AXX	15.60	15.60	15.60	0.00	6%		
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST	4AXX	1.80	1.80	1.80	0.00	25%		
12	**Total of Worktimes * Probabilities**				**3.57**	**3.57**	**3.57**	**0.00**			
13	CWINS pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST	4AXX	8.00	8.00	0.00	0.00			
14	Provisioning variables - when CWINS pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST	4AXX	3.57	3.57	0.00	0.00			
15	Ensures dispatch	Interconn Svcs.	CONNECT & TEST	4AXX	5.00	0.00	0.00	0.00	38%		
16	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST	4AXX	10.80	10.80	0.00	0.00			
17	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST	4AXX	3.57	3.57	0.00	0.00			
18											

000165

	A	B	C	D	E	F	G	H	I	J	K
19	Item/Description				Worktimes (Min.)						
20	INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability	Dispatch Rate	
21											
22											
23	Processes requests (0% testing)	Network	CONNECT & TEST	410X	20.00	20 00	0.00	0.00	100%	38%	
24	Places/removes cross-connect at crossbox (0% testing)	Network	CONNECT & TEST	410X	16.00	8.00	16.00	8.00	100%	38%	
25	Checks continuity and dial tone (100% testing)	Network	CONNECT & TEST	410X	15.00	0.00	15.00	0.00	100%	38%	
26	Trouble resolution at crossbox (40% testing)	Network	CONNECT & TEST	410X	45.00	0.00	45.00	0.00	30%	38%	
27	Tests from NID (100% testing)	Network	CONNECT & TEST	410X	20.00	0.00	20.00	0.00	100%	38%	
28	Tags Loop (0% testing)	Network	CONNECT & TEST	410X	3.00	0.00	3.00	0.00	100%	38%	
29	Trouble resolution at premises (40% testing)	Network	CONNECT & TEST	410X	56.00	0.00	56.00	0.00	21%	38%	
30	Completes order (0% testing)	Network	CONNECT & TEST	410X	19.00	19.00	0.00	0.00	100%	38%	
31											
32											
33	Item/Description				Worktimes (Min.)						
34	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect			
35	WMC coordinates dispatched technicians	Network	CONNECT & TEST	4WXX	2.00	0.00	0.00	0.00			
36											
37	Item/Description				Worktimes (Min.)						
38	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements		
39	CO Field wires circuit at collocation site (40% testing)	Network	CONNECT & TEST	431X	15.00	12.00	8.00	8.00	85%		

000166

	A	B	C	D	E	F	G	H	I	J	K	L
1	**Tennessee**											
2	**Detailed Labor Worktimes**											
3	**Study Period: 2000-2002**											
4												
5	**Item/Description**				**Worktimes (Min.)**							
6	**SERVICE ADVOCACY CENTER (SAC)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability (Fallout)**			
7	Reviews request and handles request for manual assistance (RMA)	Network	ENGINEERING	JG57	45.00	0.00	45.00	0.00	10%			
8	Clerk logs in/out	Network	ENGINEERING	4FXX	15.00	0.00	15.00	0.00	10%			
9												
10	**Item/Description**				**Worktimes (Min.)**							
11	**ADDRESS AND FACILITY INVENTORY (AFIG)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability (Fallout) - Install**	**Probability (Fallout) - Disc.**		
12	Assigns loop facilities.	Network	ENGINEERING	4M1X	8.00	7.00	8.00	7.00	30%	5%		
13												
14												
15												

000167

	A	B	C	D	E	F	G	H	I	J	K	L
1	Tennessee											
2	Miscellaneous Inputs											
3	Study Period: 2000-2002											
4												
5												
6	Input Description	Source	Amount			Connect / Test Percentages						
7												
8												
9	Location Life - 2 wire	LocLife.xls, Line E59	46	months		JFC						
10												
11						4AXX	0%		100%			
12						410X/411X	60%		40%			
13	Subscriber Line Testing	SLT.xls, Line G13	0.2061			410X/411X	0%		100%			
14						431X	60%		40%			
15	Network Terminating Wire	NTW.xls, Line C32	0.1301			431X	0%		100%			
16												
17						When CO or I&M/SSIM worktimes cannot be determined to be solely						
18						testing, the assumption is made that 40% of the total worktime is for						
19						testing						
20												
21												

000168

	A	B	C	D	E	F	G	H	I
1	Tennessee								
2	Detailed Labor Worktimes								
3	Study Period: 2000-2002								
4									
5	Item/Description					Worktimes (Min.)			
6	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)
7	Dispatched to crossbox	Network	TRAVEL	410X	20.00	0.00	0.00	0.00	38%

000169

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	A.13.12	2-Wire Unbundled Copper Loop - Non Design			Install						
6	A.13.1299	2-Wire Unbundled Copper Loop - Non Design			Disconnect						
7	Location Life	46	Months	(=INPUTS_MISC!C9)							
8					Worktimes (Min.)			Worktimes (Hrs.)			
9	Source	Description	JFC / JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	First Install	First Disconnect	Addtl Install	Addtl Disconnect
10	Inputs Service Order, (E7*$I7)	INTERCONN SVCS.	230X	1.05	1.05	1.05	1.05	0.0175	0.0175	0.0175	0.0175
11	Inputs_Engineering, (E7*$I7)	ENGINEERING	JG57	4.50	0.00	4.50	0.00	0.0750	0.0000	0.0750	0.0000
12	Inputs_Engineering, (E8*I8)	ENGINEERING	4FXX	1.50	0.00	1.50	0.00	0.0250	0.0000	0.0250	0.0000
13	Inputs_Engineering, Inst (E12*$I12); Disc (F12*$J12)	ENGINEERING	4M1X	2.40	0.35	2.40	0.35	0.0400	0.0058	0.0400	0.0058
14	Inputs_Connect & Test, E13+E14+(E15*$I15)+E16+E17	CONNECT & TEST	4AXX	27.84	25.94	0.00	0.00	0.4640	0.4323	0.0000	0.0000
15	Inputs Connect & Test, (E23*$I23*$J23)+(E24*$I24*$J24)+((E26*$I26*$J26)*Inputs_MiscG12)+(E28*$I28*$J28)+((E29*$I29*$J29)*Inputs_Misc!G12)+(IE30*$I30*$J30)	CONNECT & TEST	410X	27.80	17.86	12.98	3.04	0.4633	0.2977	0.2163	0.0507
16	Inputs_Connect & Test, E35	CONNECT & TEST	4WXX	2.00	0.00	0.00	0.00	0.0333	0.0000	0.0000	0.0000
17	Inputs_Connect & Test, (E39*$I39)*Inputs Misc.G14	CONNECT & TEST	431X	7.65	6.12	4.08	4.08	0.1275	0.1020	0.0680	0.0680
18	Inputs_Travel, (E7*$I7)	TRAVEL	410X	7.60	0.00	0.00	0.00	0.1267	0.0000	0.0000	0.0000
19											
20											
21											
22	Tennessee										
23	Nonrecurring Worktimes										
24	Study Period: 2000-2002										
25											
26	A.13.1298	2-Wire Unbundled Copper Loop - Non Design			Testing						
27											
28	Location Life	46	Months	(=INPUTS_MISC!C9)							
29					Worktimes (Min.)			Worktimes (Hrs.)			
30	Source	Description	JFC / JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	First Install	First Disconnect	Addtl Install	Addtl Disconnect
31	Inputs_Connect & Test, (E25*$I25*$J25)*Inputs Misc$I$13)+(E26*$I26*$J26)*Inputs Misc I12)+(E27*$I27*$J27)*Inputs Misc I13)+(E29*$I29*$J29)*Inputs Misc I12	CONNECT & TEST	410X	17.14	0.00	17.14	0.00	0.2857	0.0000	0.2857	0.0000
32	Inputs_Connect & Test, (E39*$I39)*Inputs Misc. I14	CONNECT & TEST	431X	5.10	4.08	2.72	2.72	0.0850	0.0680	0.0453	0.0453
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
46											
47											

000170

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 2000-2002										
4											
5											
6											
7											
8											
9			**Sheet Name:**		**Description:**						
10			Index		Loop Testing						
11			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES						
12			WP100		Nonrecurring Worktimes						
13			INPUTS_CONNECT&TEST		Detailed Labor Worktimes						
14			INPUTS_TRAVEL		Detailed Labor Worktimes						
15											
16											
17											
18											
19											
20											

000171

	A	B	C	D	E	F	G	H	I	J
1		CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA								
2										
3		Instructions:								
4		1. Use this worksheet to record material and/or investments to be input into the								
5		Calculator calculations.								
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).								
7		3. Input data, by Cost Element, leaving no blank lines. On next row								
8		after last line of data, type END in Cost Element Column.								
9		4. All data on this form should be cell-referenced to study workpapers.								
10		5. Do NOT change columns, headings, sheet name.								
11										
12					Volume	Volume				
13		Cost		Sub	Sensitive	Insensitive				
14	State	Element #	FRC	FRC	$ Amount	$ Amount				
15	TN									
16		END								
17										
18										
19										
20										
21										
22										
23										
24										
25										

000172

	A	B	C	D	E	F	G	H
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**						
2								
3		**Instructions:**						
4		**1. Use this worksheet to record recurring non-labor expenses to be input into the**						
5		**Calculator calculations.**						
6		**2. All amounts shown are per unit (e.g., per call, per loop, per MOU).**						
7		**3. Input data, by Cost Element, leaving no blank lines. On next row**						
8		**after last line of data, type END in Cost Element Column.**						
9		**4. All data on this form should be cell-referenced to study workpapers.**						
10		**5. Do NOT change columns, headings, sheet name.**						
11								
12								
13								
14-17	**State**	**Cost Element #**	**Recurring Expense Description (Limited to 25 characters)**	**Recurring Volume Sensitive $ Amount**	**Recurring Volume Insensitive $ Amount**			
18	TN							
19		END						
20								
21								
22								
23								
24								
25								
26								
27								
28								
29			Maximum 10 entries per Cost Element #					
30								

000173

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record nonrecurring non-labor expenses to be input into the Calculator calculations.						
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6		3. Input data, by Cost Element, leaving no blank lines. On next row						
7		after last line of data, type END in Cost Element Column.						
8		4. All data on this form should be cell-referenced to study workpapers.						
9		5. Do NOT change columns, headings, sheet name.						
10		6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
11		and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
12								
13								
14			Nonrecurring		Nonrecurring	Nonrecurring	Nonrecurring	Nonrecurring
15		Cost	Expense Description	Nonrecurring	First	Additional	Initial	Subsequent
16	State	Element #	(Limited to 25 characters)	$ Amount	$ Amount	$ Amount	$ Amount	$ Amount
17	TN							
18		END						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28			Maximum 10 entries per Cost Element #					
29								
30								

000174

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING LA BOR EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring expensed labor times to be input into the						
5		Calculator calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13					Work Time (Hours)			
14		Cost	Labor Expense Description	JFC/	Volume	Volume		
15	State	Element #	(Limited to 25 characters)	Payband	Sensitive	Insensitive		
16	TN							
17		END						
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37			Maximum 20 entries per Cost Element #					
38								

000175

CALCULATOR INPUT FORM - NONRECURRNG LABOR TMES

Instructions:
1. Use this worksheet to record nonrecurring labor tims to be input into the Calculator calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this formshould be cell-referenced to study wrkpapers.
5. Do NOT change colums, headings, sheet name.
6. Use columns F & G when cost element has a single nonrecurring cost;use columns H, I, J, & K for elements with a first and additional nonrecurring cost;use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.
7. Input Cost Element Life (in months) on first rowof data for each cost element. It is not necessary to repeat on each line.

Study Mid-Point Date (Mos.) 6/1/2001

State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR) Installation Time (Hours)	Disconnect Time Hours	First Installation Time (Hours)	First Disconnect Time Hours	Additional Installation Time (Hours)	Additional Disconnect Time Hours	Initial Installation Time (Hours)	Initial Disconnect Time Hours	Subsequent Installation Time (Hours)	Subsequent Disconnect Time Hours
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	230XB			0.0175		-					
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	4AXXB			0.5000		0.5000					
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	410XB			0.9030		0.5000					
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	431XB			0.0250		0.0250					
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	4WXXB			0.0207		-					
TN	A.19.1		Loop Testing - Basic Per 1/2 Hour	410XB			0.3100		-					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	230XO			0.0175		-					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	4AXXO			0.5000		0.5000					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	410XO			0.9030		0.5000					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	431XO			0.0250		0.0250					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	4WXXO			0.0207		-					
TN	A.19.2		Loop Testing - Overtime Per 1/2 Hour	410XO			0.3100		-					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	230XP			0.0175		-					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	4AXXP			0.5000		0.5000					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	410XP			0.9030		0.5000					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	431XP			0.0250		0.0250					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	4WXXP			0.0207		-					
TN	A.19.3		Loop Testing - Premium Per 1/2 Hour	410XP			0.3100		-					
	END													

Maximum of 25 entries per Cost Element #

000176

	A	B	C	D	E	F	G
1	Tennessee						
2	Detailed Labor Worktimes						
3	Study Period: 2000-2002						
4	Item/Description		Worktimes (Min.)				
5	Local Carrier Service Center (LCSC)	Source	Description	JG / WS	First 1/2 Hr	Addtl 1/2 Hr	Probability (Fallout)
6	LCSC receives request and issues service order - Basic	Interconn Svcs.	SERVICE ORDER	230XB	15.00	0.00	7%
7	LCSC receives request and issues service order - Overtime	Interconn Svcs.	SERVICE ORDER	230XO	15.00	0.00	7%
8	LCSC receives request and issues service order - Premium	Interconn Svcs.	SERVICE ORDER	230XP	15.00	0.00	7%

000177

	A	B	C	D	E	F	G
1	**Tennessee**						
2	**Detailed Labor Worktimes**						
3	**Study Period: 2000-2002**						
4	**Item/Description**		**Worktimes (Min.)**				
5	**Unbundled Network Element Center (UNEC) Work Activities**	**Source**	**Description**	**JG / WS**	**First 1/2 Hr**	**Addtl 1/2 Hr**	
6	Testing Coordination - Basic	Interconn. Svcs.	CONNECT & TEST	4AXXB	30.00	30.00	
7	Testing Coordination - Overtime	Interconn. Svcs.	CONNECT & TEST	4AXXO	30.00	30.00	
8	Testing Coordination - Premium	Interconn. Svcs.	CONNECT & TEST	4AXXP	30.00	30.00	
9							
10	**Item/Description**				**Worktimes (Min.)**		
11	**INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**JG / WS**	**First 1/2 Hr**	**Addtl 1/2 Hr**	**Dispatch Rate**
12							
13	Processes requests - Basic	Network	CONNECT & TEST	410XB	20.00	0.00	62%
14	Processes requests - Overtime	Network	CONNECT & TEST	410XO	20.00	0.00	62%
15	Processes requests - Premium	Network	CONNECT & TEST	410XP	20.00	0.00	62%
16	Conducts field test - Basic	Network	CONNECT & TEST	410XB	30.00	30.00	
17	Conducts field test - Overtime	Network	CONNECT & TEST	410XO	30.00	30.00	
18	Conducts field test - Premium	Network	CONNECT & TEST	410XP	30.00	30.00	
19	Complete order - Basic	Network	CONNECT & TEST	410XB	19.00	0.00	62%
20	Complete order - Overtime	Network	CONNECT & TEST	410XO	19.00	0.00	62%
21	Complete order - Premium	Network	CONNECT & TEST	410XP	19.00	0.00	62%
22							
23							
24	**Item/Description**				**Worktimes (Min.)**		
25	**CENTRAL OFFICE FORCES (CO)**	**Source**	**Description**	**JG / WS**	**First 1/2 Hr**	**Addtl 1/2 Hr**	**Probability of Occurrence**
26	CO conducts central office test. - Basic	Network	CONNECT & TEST	431XB	15.00	15.00	10%
27	CO conducts central office test. - Overtime	Network	CONNECT & TEST	431XO	15.00	15.00	10%
28	CO conducts central office test. - Premium	Network	CONNECT & TEST	431XP	15.00	15.00	10%
29							
30	**Item/Description**				**Worktimes (Min.)**		
31	**WORK MANAGEMENT CENTER (WMC)**	**Source**	**Description**	**JG / WS**	**First 1/2 Hr**	**Addtl 1/2 Hr**	**Dispatch Rate**
32	WMC coordinates dispatched technicians - Basic	Network	CONNECT & TEST	4WXXB	2.00	0.00	62%
33	WMC coordinates dispatched technicians - Overtime	Network	CONNECT & TEST	4WXXO	2.00	0.00	62%
34	WMC coordinates dispatched technicians - Premium	Network	CONNECT & TEST	4WXXP	2.00	0.00	62%
35							
36							

000178

	A	B	C	D	E	F	G
1	**Tennessee**						
2	**Detailed Labor Worktimes**						
3	**Study Period: 2000-2002**						
4	**Item/Description**				**Worktimes (Min.)**		
5	**INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**JG /WS**	**First 1/2 Hr**	**Addtl 1/2 Hr**	**Dispatch Rate**
6	Conducts field test - Basic	Network	TRAVEL	410XB	30.00	0.00	62%
7	Conducts field test - Overtime	Network	TRAVEL	410XO	30.00	0.00	62%
8	Conducts field test - Premium	Network	TRAVEL	410XP	30.00	0.00	62%

000179

	A	B	C	D	E	F	G	H	I	J
1	**Tennessee**									
2	**Nonrecurring Worktimes**									
3	**Study Period: 2000-2002**									
4										
5	**A.19.1**	**Loop Testing - Basic Per 1/2 Hour**								
6										
7				**Worktimes (Min.)**		**Worktimes (Hrs.)**				
8	**Source**	**Description**	**JFC / JG / WS**	**First 1/2 Hour**	**Addtl 1/2 Hour**	**First 1/2 Hour**	**Addtl 1/2 Hour**			
9	='INPUTS_SERVICE ORDER'!E6*INPUTS_SERVICE ORDER'!G6	SERVICE ORDER	230XB	1.05	0.00	0.0175	-			
10	='INPUTS_CONNECT&TEST'E6	CONNECT & TEST	4AXXB	30.00	30.00	0.5000	0.5000			
11	='INPUTS_CONNECT&TEST'(E13*G13)+E16+(E19*G19)	CONNECT & TEST	410XB	54.18	30.00	0.9030	0.5000			
12	='INPUTS_CONNECT&TEST'E26*G26	CONNECT & TEST	431XB	1.50	1.50	0.0250	0.0250			
13	='INPUTS_CONNECT&TEST'E32*G32	CONNECT & TEST	4WXXB	1.24	0.00	0.0207	-			
14	='INPUTS_TRAVEL'E6*G6	TRAVEL	410XB	18.60	0.00	0.3100	-			
15										
16	**Tennessee**									
17	**Nonrecurring Worktimes**									
18	**Study Period: 2000-2002**									
19										
20	**A.19.2**	**Loop Testing - Overtime Per 1/2 Hour**								
21										
22				**Worktimes (Min.)**		**Worktimes (Hrs.)**				
23	**Source**	**Description**	**JFC / JG / WS**	**First 1/2 Hour**	**Addtl 1/2 Hour**	**First 1/2 Hour**	**Addtl 1/2 Hour**			
24	='INPUTS_SERVICE ORDER'!E7*INPUTS_SERVICE ORDER'!G7	SERVICE ORDER	230XO	1.05	0.00	0.0175	-			
25	='INPUTS_CONNECT&TEST'E7	CONNECT & TEST	4AXXO	30.00	30.00	0.5000	0.5000			
26	='INPUTS_CONNECT&TEST'(E14*G14)+E17+(E20*G20)	CONNECT & TEST	410XO	54.18	30.00	0.9030	0.5000			
27	='INPUTS_CONNECT&TEST'E27*G27	CONNECT & TEST	431XO	1.50	1.50	0.0250	0.0250			
28	='INPUTS_CONNECT&TEST'E33*G33	CONNECT & TEST	4WXXO	1.24	0.00	0.0207	-			
29	='INPUTS_TRAVEL'E7*G7	TRAVEL	410XO	18.60	0.00	0.3100	-			
30										
31	**Tennessee**									
32	**Nonrecurring Worktimes**									
33	**Study Period: 2000-2002**									
34										
35	**A.19.3**	**Loop Testing - Premium Per 1/2 Hour**								
36										
37				**Worktimes (Min.)**		**Worktimes (Hrs.)**				
38	**Source**	**Description**	**JFC / JG / WS**	**First 1/2 Hour**	**Addtl 1/2 Hour**	**First 1/2 Hour**	**Addtl 1/2 Hour**			
39	='INPUTS_SERVICE ORDER'!E8*INPUTS_SERVICE ORDER'!G8	SERVICE ORDER	230XP	1.05	0.00	0.0175	-			
40	='INPUTS_CONNECT&TEST'E8	CONNECT & TEST	4AXXP	30.00	30.00	0.5000	0.5000			
41	='INPUTS_CONNECT&TEST'(E15*G15)+E18+(E21*G21)	CONNECT & TEST	410XP	54.18	30.00	0.9030	0.5000			
42	='INPUTS_CONNECT&TEST'E28*G28	CONNECT & TEST	431XP	1.50	1.50	0.0250	0.0250			
43	='INPUTS_CONNECT&TEST'E34*G34	CONNECT & TEST	4WXXP	1.24	0.00	0.0207	-			
44	='INPUTS_TRAVEL'E8*G8	TRAVEL	410XP	18.60	0.00	0.3100	-			
45										

000180

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 2000 - 2002										
4											
5											
6											
7											
8											
9			**Sheet Name:**		**Description:**						
10			Index		Physical Collocation - - Space Availability Report per CO						
11			Investments		CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA						
12			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA						
13			Additives_Nonrecurring		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
14			Recurring Labor		CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA						
15			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES						
16			INPUTS_Nonrecurring		Inputs for Nonrecurring Costs						
17			INPUTS_Investments		Inputs for Recurring Costs						
18											
19											
20											
21											
22											
23											

000181

CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA

Instructions:

1. Use this worksheet to record material and/or investments to be input into the Calculator calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this form should be cell-referenced to study workpapers.
5. Do NOT change columns, headings, sheet name.

State	Cost Element #	FRC	Sub FRC	Volume Sensitive $ Amount	Volume Insensitive $ Amount
TN					
	END				

000182

	A	B	C	D	E	F	G	H
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**						
2								
3		Instructions:						
4		**1. Use this worksheet to record recurring non-labor expenses to be input into the**						
5		**Calculator calculations.**						
6		**2. All amounts shown are per unit (e.g., per call, per loop, per MOU).**						
7		**3. Input data, by Cost Element, leaving no blank lines. On next row**						
8		**after last line of data, type END in Cost Element Column.**						
9		**4. All data on this form should be cell-referenced to study workpapers.**						
10		**5. Do NOT change columns, headings, sheet name.**						
11								
12								
13								
14				**Recurring**	**Recurring**			
15			**Recurring**	**Volume**	**Volume**			
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**			
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**			
18	**TN**							
19								
20		**END**	Maximum 10 entries per Cost Element #					
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

000183

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record nonrecurring non-labor expenses to be input into the TELRIC calculations.						
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6		3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data,						
7		type END in Cost Element Column.						
8		4. All data on this form should be cell-referenced to study workpapers.						
9		5. Do NOT change columns, headings, sheet name.						
10		6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
11		and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
12								
13								
14			Nonrecurring		Nonrecurring	Nonrecurring	Nonrecurring	Nonrecurring
15		Cost	Expense Description	Nonrecurring	First	Additional	Initial	Subsequent
16	State	Element #	(Limited to 25 characters)	$ Amount	$ Amount	$ Amount	$ Amount	$ Amount
17	TN							
18		END	Maximum 10 entries per Cost Element #					
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

000184

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring expensed labor times to be input into the						
5		Calculator calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13					Work Time (Hours)			
14		Cost	Labor Expense Description	JFC/	Volume	Volume		
15	State	Element #	(Limited to 25 characters)	Payband	Sensitive	Insensitive		
16	TN							
17		END	Maximum 20 entries per Cost Element #					
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

000185

CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES

Instructions:
1. Use this worksheet to record nonrecurring labor times to be input into the TELRIC calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this form should be cell-referenced to study workpapers.
5. Do NOT change columns, headings, sheet name.
6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.
7. Study midpoint date is set at 6/2001.
8. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.

Study Mid-Point Date (Mos.) Jun-01

State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC Payband	(For use w/ one NR) Installation Time (hours)	Disconnect Time (hours)	First Installation Time (hours)	First Disconnect Time (hours)	Additional Installation Time (hours)	Additional Disconnect Time (hours)	Initial Installation Time (hours)	Initial Disconnect Time (hours)	Subsequent Installation Time (hours)	Subsequent Disconnect Time (hours)	Nonrecurring Additive
TN	H.1.47	0	Order Processing	JG58	0.5000	0.0000									
TN	H.1.47	0	Engineering	34XX	13.1250	0.0000									
TN	H.1.47	0	Engineering	30XX	16.0000	0.0000									
	END		Maximum of 25 entries per Cost Element #												

000186

	A	B	C	D	E	F	G	H	I	J	K	L
1	Tennessee											
2	Inputs for Nonrecurring Costs											
3	Study Period: 2000 - 2002											
4	TN											
5								Time in Hours (Hrs)				
6	Item / Description				Cost Element	(For use w/ one NR)		First		Additional		Nonrecurring
7	Element	Description	JFC / JG / WS	Source	Life (mos.)	Install	Disconnect	Install	Disconnect	Install	Disconnect	Additive
9	H.1	**PHYSICAL COLLOCATION**										
11	H.1.47	**Physical Collocation - Space Availability Report per CO**			0							
12		Order Processing	JG58	Account Team Collocation Coordinator (ATCC)		0.5000	0.0000					
13		• Works with customer to determine collocation needs and requirements										
14		• Assists customer with technical specifications and equipment configurations										
15		• Distributes document requests to and coordinates responses from all Interdepartmental representatives.										
16		• Customer point of contact.										
17		Engineering	34XX	Common Systems Capacity Mgmt. (CSCM)		13.1250	0.0000					
18		• Obtain & review the current floor plans for the building.										
19		• Site review of buildings with frequent construction/removal										
20		activity to verify accuracy of equipment floor plans.										
21		• Update floor plan as required to reflect current and pending										
22		BellSouth and collocation equipment , and equipment removals.										
23		• Determine net remaining space available for collocation to										
24		be reflected on report.										
25		• Provide information to customer Account Team.										
26		Engineering	30XX	Corporate Real Estate & Support (CRES)		16.0000	0.0000					
27		• Assesses & documents current space assignments in the C.O. and										
28		documents all vacant space, this information is documented on a										
29		CAD drawing and maintained in the system.										
30		• Site visit with other team members to identify: (1) what space is under construction for										
31		administrative use, (2) switch equipment growth, (3) transmission (toll) equipment										
32		growth, (4) power equipment growth, (5) frame equipment growth, etc.										

000187

	A	B	C	D	E	F	G
1	Tennessee						
2	Inputs for Recurring Costs						
3	Study Period: 2000 - 2002						
4	TN						
5							
6	Item / Description						Recurring
7	Element	Description	FRC	Sub FRC	Source	Amount	Additive
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							

000188

	A	B	C	D
1	Tennessee			
2	Index Sheet			
3	Study Period: 2000 - 2002			
4				
5				
6				
7				
8				
9		**Sheet Name:**		**Description:**
10		Index		Adjacent Physical Collocation
11		Investments		CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA
12		Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA
13		Additives_Nonrecurring		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA
14		Recurring Labor		CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA
15		Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES
16		INPUTS_Nonrecurring		Inputs for Nonrecurring Costs
17		INPUTS_Investments		Inputs for Recurring Costs
18		wp H.4.3 NRC		Development of Investment for Adjacent Physical Collocation - NRC Circuit Design
19		wp H.4.3		Development of Investment for Adjacent Physical Collocation - 2-Wire Cross Connects
20		wp H.4.4		Development of Investment for Adjacent Physical Collocation - 4-Wire Cross Connects
21		wp H.4.5		Development of Investment for Adjacent Physical Collocation - DS-1 Cross Connects
22		wp H.4.6		Development of Investment for Adjacent Physical Collocation - DS-3 Cross Connects
23		wp H.4.7		Development of Investment for Adjacent Physical Collocation - 2-Fiber Cross Connects
24		wp H.4.8		Development of Investment for Adjacent Physical Collocation - 4-Fiber Cross Connects
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

000189

	A	B	C	D	E	F	G	H	I
1		CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA							
2									
3		Instructions:							
4		1. Use this worksheet to record material and/or investments to be input into the							
5		Calculator calculations.							
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).							
7		3. Input data, by Cost Element, leaving no blank lines. On next row							
8		after last line of data, type END in Cost Element Column.							
9		4. All data on this form should be cell-referenced to study workpapers.							
10		5. Do NOT change columns, headings, sheet name.							
11									
12					Volume	Volume			
13		Cost		Sub	Sensitive	Insensitive			
14	State	Element #	FRC	FRC	$ Amount	$ Amount			
15	TN	H.4.1	20C	00	$4.250				
16	TN	H.4.2	377CP	00	$263.000				
17	TN	H.4.3	377C	05	$0.693				
18	TN	H.4.3	377C	11	$0.052				
19	TN	H.4.4	377C	05	$1.387				
20	TN	H.4.4	377C	11	$0.103				
21	TN	H.4.5	357C	01	$14.950				
22	TN	H.4.6	357C	01	$202.503				
23	TN	H.4.7	357C	01	$34.306				
24	TN	H.4.8	357C	01	$65.552				
25	TN	H.4.16	377CP	00	$61.440				
26	TN	H.4.17	377CP	00	$122.880				
27	TN	H.4.18	377CP	00	$184.320				
28	TN	H.4.19	377CP	00	$425.470				
29		END							
30									
31									
32									
33									
34									
35									

000190

CALCULATOR INPUT FORM - RECURRING EXPENSES DATA

Instructions:

1. Use this worksheet to record recurring non-labor expenses to be input into the Calculator calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this form should be cell-referenced to study workpapers.
5. Do NOT change columns, headings, sheet name.

State	Cost Element #	Recurring Expense Description (Limited to 25 characters)	Recurring Volume Sensitive $ Amount	Recurring Volume Insensitive $ Amount
TN	H.4.16	ComACPwr-120V1P/BreakerAmp	$3.920	
TN	H.4.17	ComACPwr-240V1P/BreakerAmp	$7.850	
TN	H.4.18	ComACPwr-120V3P/BreakerAmp	$11.770	
TN	H.4.19	ComACPwr-277V3P/BreakerAmp	$27.180	
	END	Maximum 10 entries per Cost Element #		

000191

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record nonrecurring non-labor expenses to be input into the TELRIC calculations.						
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6		3. Input data, by Cost Element, leaving no blank lines. On next row						
7		after last line of data, type END in Cost Element Column.						
8		4. All data on this form should be cell-referenced to study workpapers.						
9		5. Do NOT change columns, headings, sheet name.						
10		6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
11		and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
12								
13								
14			Nonrecurring		Nonrecurring	Nonrecurring	Nonrecurring	Nonrecurring
15		Cost	Expense Description	Nonrecurring	First	Additional	Initial	Subsequent
16	State	Element #	(Limited to 25 characters)	$ Amount	$ Amount	$ Amount	$ Amount	$ Amount
17	TN	H.4.9	Corporate Real Estate Services (CRES)	$1,013.000				
18		END	Maximum 10 entries per Cost Element #					
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

000192

	A	B	C	D	E	F	G	H
1		CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA						
2								
3		Instructions:						
4		1. Use this worksheet to record recurring expensed labor times to be input into the						
5		TELRIC calculations.						
6		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
7		3. Input data, by Cost Element, leaving no blank lines. On next row						
8		after last line of data, type END in Cost Element Column.						
9		4. All data on this form should be cell-referenced to study workpapers.						
10		5. Do NOT change columns, headings, sheet name.						
11								
12								
13				JFC	Work Time (Hours)			
14		Cost	Labor Expense Description		Volume	Volume		
15	State	Element #	(Limited to 25 characters)		Sensitive	Insensitive		
16	TN							
17		END	Maximum 20 entries per Cost Element #					
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								

000193

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES													
2															
3		Instructions:													
4		1. Use this worksheet to record nonrecurring labor times to be input into the TELRIC calculations.													
5		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).													
6		3. Input data, by Cost Element, leaving no blank lines. On next row													
7		after last line of data, type END in Cost Element Column.													
8		4. All data on this form should be cell-referenced to study workpapers.													
9		5. Do NOT change columns, headings, sheet name.													
10		6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first													
11		and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.													
12		7. Study midpoint date is set at 6/2001.													
13		8. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.													
14															
15	Study Mid-Point Date (Mos.)			Jun-01											
16															
17						(For use w/ one NR)		First	First	Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost			Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
21	TN	H.4.3	46	Service Order	230X			0.0100	0.0000	0.0100	0.0000				
22	TN	H.4.3	46	Service Order	4N4X			0.0035	0.0000	0.0000	0.0000				
23	TN	H.4.3	46	Service Order	4WXX			0.0250	0.0000	0.0000	0.0000				
24	TN	H.4.3	46	Service Order	4AXX			0.0183	0.0000	0.0183	0.0000				
25	TN	H.4.3	46	Engineering	4N4X			0.0091	0.0000	0.0091	0.0000				
26	TN	H.4.3	46	CONNECT & Test	431X			0.1667	0.0000	0.1667	0.0000				
27	TN	H.4.3	46	CONNECT & Test	4AXX			0.0476	0.0000	0.0476	0.0000				
28	TN	H.4.398	46	Connect & TEST	431X			0.2500	0.0000	0.2500	0.0000				
29	TN	H.4.398	46	Connect & TEST	4AXX			0.0476	0.0000	0.0476	0.0000				
30	TN	H.4.399	46	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
31	TN	H.4.399	46	Service Order	4N4X			0.0000	0.0035	0.0000	0.0000				
32	TN	H.4.399	46	Service Order	4WXX			0.0000	0.0250	0.0000	0.0000				
33	TN	H.4.399	46	Service Order	4AXX			0.0000	0.0183	0.0000	0.0183				
34	TN	H.4.399	46	Engineering	4N4X			0.0000	0.00005	0.0000	0.00005				
35	TN	H.4.399	46	Connect & Test	431X			0.0000	0.1667	0.0000	0.1667				
36	TN	H.4.399	46	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
37	TN	H.4.4	52	Service Order	230X			0.0100	0.0000	0.0100	0.0000				
38	TN	H.4.4	52	Service Order	4N4X			0.0050	0.0000	0.0000	0.0000				
39	TN	H.4.4	52	Service Order	4WXX			0.0250	0.0000	0.0000	0.0000				
40	TN	H.4.4	52	Service Order	4AXX			0.0183	0.0000	0.0183	0.0000				
41	TN	H.4.4	52	Engineering	4N4X			0.0130	0.0000	0.0130	0.0000				
42	TN	H.4.4	52	CONNECT & Test	431X			0.1667	0.0000	0.1667	0.0000				
43	TN	H.4.4	52	CONNECT & Test	4AXX			0.0476	0.0000	0.0476	0.0000				
44	TN	H.4.498	52	Connect & TEST	431X			0.2500	0.0000	0.2500	0.0000				
45	TN	H.4.498	52	Connect & TEST	4AXX			0.0476	0.0000	0.0476	0.0000				
46	TN	H.4.499	52	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
47	TN	H.4.499	52	Service Order	4N4X			0.0000	0.0050	0.0000	0.0000				
48	TN	H.4.499	52	Service Order	4WXX			0.0000	0.0250	0.0000	0.0000				
49	TN	H.4.499	52	Service Order	4AXX			0.0000	0.0183	0.0000	0.0183				
50	TN	H.4.499	52	Engineering	4N4X			0.0000	0.0001	0.0000	0.0001				
51	TN	H.4.499	52	Connect & Test	431X			0.0000	0.1667	0.0000	0.1667				
52	TN	H.4.499	52	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
53	TN	H.4.5	52	Service Order	230X			0.0100	0.0000	0.0100	0.0000				

000194

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
54	TN	H.4.5	52	Service Order	34XX			0.2500	0.0000	0.0833	0.0000				
55	TN	H.4.5	52	Service Order	4N4X			0.0133	0.0000	0.0000	0.0000				
56	TN	H.4.5	52	Service Order	3A2X			0.0033	0.0000	0.0000	0.0000				
57	TN	H.4.5	52	Service Order	4WXX			0.0733	0.0000	0.0000	0.0000				
58	TN	H.4.5	52	Service Order	4AXX			0.0183	0.0000	0.0183	0.0000				
59	TN	H.4.5	52	Engineering	4N4X			0.0492	0.0000	0.0492	0.0000				
60	TN	H.4.5	52	CONNECT & Test	431X			0.1667	0.0000	0.1667	0.0000				
61	TN	H.4.5	52	CONNECT & Test	4AXX			0.0760	0.0000	0.0760	0.0000				
62	TN	H.4.598	52	Connect & TEST	431X			0.2500	0.0000	0.2500	0.0000				
63	TN	H.4.598	52	Connect & TEST	4AXX			0.0760	0.0000	0.0760	0.0000				
64	TN	H.4.599	52	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
65	TN	H.4.599	52	Service Order	34XX			0.0000	0.0000	0.0000	0.0000				
66	TN	H.4.599	52	Service Order	4N4X			0.0000	0.0033	0.0000	0.0000				
67	TN	H.4.599	52	Service Order	3A2X			0.0000	0.0000	0.0000	0.0000				
68	TN	H.4.599	52	Service Order	4WXX			0.0000	0.0250	0.0000	0.0000				
69	TN	H.4.599	52	Service Order	4AXX			0.0000	0.0183	0.0000	0.0183				
70	TN	H.4.599	52	Engineering	4N4X			0.0000	0.0025	0.0000	0.0025				
71	TN	H.4.599	52	Connect & Test	431X			0.0000	0.1667	0.0000	0.1667				
72	TN	H.4.599	52	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
73	TN	H.4.6	52	Service Order	230X			0.0100	0.0000	0.0100	0.0000				
74	TN	H.4.6	52	Service Order	34XX			0.2500	0.0000	0.0833	0.0000				
75	TN	H.4.6	52	Service Order	4N4X			0.0167	0.0000	0.0000	0.0000				
76	TN	H.4.6	52	Service Order	4WXX			0.0500	0.0000	0.0000	0.0000				
77	TN	H.4.6	52	Service Order	4AXX			0.0111	0.0000	0.0111	0.0000				
78	TN	H.4.6	52	Engineering	4N4X			0.0167	0.0000	0.0167	0.0000				
79	TN	H.4.6	52	CONNECT & Test	431X			0.1667	0.0000	0.1667	0.0000				
80	TN	H.4.6	52	CONNECT & Test	4AXX			0.0760	0.0000	0.0760	0.0000				
81	TN	H.4.698	52	Connect & TEST	431X			0.2500	0.0000	0.2500	0.0000				
82	TN	H.4.698	52	Connect & TEST	4AXX			0.0760	0.0000	0.0760	0.0000				
83	TN	H.4.699	52	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
84	TN	H.4.699	52	Service Order	34XX			0.0000	0.0000	0.0000	0.0000				
85	TN	H.4.699	52	Service Order	4N4X			0.0000	0.0167	0.0000	0.0000				
86	TN	H.4.699	52	Service Order	4WXX			0.0000	0.0500	0.0000	0.0000				
87	TN	H.4.699	52	Service Order	4AXX			0.0000	0.0111	0.0000	0.0111				
88	TN	H.4.699	52	Engineering	4N4X			0.0000	0.0167	0.0000	0.0167				
89	TN	H.4.699	52	Connect & Test	431X			0.0000	0.1667	0.0000	0.1667				
90	TN	H.4.699	52	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
91	TN	H.4.7	52	Service Order	230X			0.0100	0.0000	0.0100	0.0000				
92	TN	H.4.7	52	Service Order	34XX			0.2500	0.0000	0.0833	0.0000				
93	TN	H.4.7	52	Service Order	4N4X			0.0167	0.0000	0.0000	0.0000				
94	TN	H.4.7	52	Service Order	4WXX			0.0600	0.0000	0.0000	0.0000				
95	TN	H.4.7	52	Service Order	4AXX			0.0111	0.0000	0.0111	0.0000				
96	TN	H.4.7	52	Engineering	4N4X			0.0167	0.0000	0.0167	0.0000				
97	TN	H.4.7	52	CONNECT & Test	431X			0.1667	0.0000	0.1667	0.0000				
98	TN	H.4.7	52	CONNECT & Test	4AXX			0.0760	0.0000	0.0760	0.0000				
99	TN	H.4.798	52	Connect & TEST	431X			0.2500	0.0000	0.2500	0.0000				
100	TN	H.4.798	52	Connect & TEST	4AXX			0.0760	0.0000	0.0760	0.0000				
101	TN	H.4.799	52	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
102	TN	H.4.799	52	Service Order	34XX			0.0000	0.0000	0.0000	0.0000				
103	TN	H.4.799	52	Service Order	4N4X			0.0000	0.0167	0.0000	0.0000				
104	TN	H.4.799	52	Service Order	4WXX			0.0000	0.0500	0.0000	0.0000				
105	TN	H.4.799	52	Service Order	4AXX			0.0000	0.0111	0.0000	0.0111				
106	TN	H.4.799	52	Engineering	4N4X			0.0000	0.0167	0.0000	0.0167				

000195

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
107	TN	H.4.799	52	Connect & Test	431X			0.0000	0.1667	0.0000	0.1667				
108	TN	H.4.799	52	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
109	TN	H.4.8	52	Service Order	230X			0.0100	0.0000	0.0100	0.0000				
110	TN	H.4.8	52	Service Order	34XX			0.2500	0.0000	0.0833	0.0000				
111	TN	H.4.8	52	Service Order	4N4X			0.0167	0.0000	0.0000	0.0000				
112	TN	H.4.8	52	Service Order	4WXX			0.0500	0.0000	0.0000	0.0000				
113	TN	H.4.8	52	Service Order	4AXX			0.0111	0.0000	0.0111	0.0000				
114	TN	H.4.8	52	Engineering	4N4X			0.0167	0.0000	0.0167	0.0000				
115	TN	H.4.8	52	CONNECT & Test	431X			0.2500	0.0000	0.2500	0.0000				
116	TN	H.4.8	52	CONNECT & Test	4AXX			0.0760	0.0000	0.0760	0.0000				
117	TN	H.4.898	52	Connect & TEST	431X			0.3750	0.0000	0.3750	0.0000				
118	TN	H.4.898	52	Connect & TEST	4AXX			0.0760	0.0000	0.0760	0.0000				
119	TN	H.4.899	52	Service Order	230X			0.0000	0.0033	0.0000	0.0033				
120	TN	H.4.899	52	Service Order	34XX			0.0000	0.0000	0.0000	0.0000				
121	TN	H.4.899	52	Service Order	4N4X			0.0000	0.0167	0.0000	0.0000				
122	TN	H.4.899	52	Service Order	4WXX			0.0000	0.0500	0.0000	0.0000				
123	TN	H.4.899	52	Service Order	4AXX			0.0000	0.0111	0.0000	0.0111				
124	TN	H.4.899	52	Engineering	4N4X			0.0000	0.0167	0.0000	0.0167				
125	TN	H.4.899	52	Connect & Test	431X			0.0000	0.2500	0.0000	0.2500				
126	TN	H.4.899	52	Connect & Test	4AXX			0.0000	0.0240	0.0000	0.0240				
127	TN	H.4.9	3	Service Inquiry	JG58	11.0000	0.0000								
128	TN	H.4.9	3	Service Inquiry	WS10	1.0000	0.0000								
129	TN	H.4.9	3	Service Inquiry	230X	0.5000	0.0000								
130	TN	H.4.9	3	Service Inquiry	34XX	10.0000	0.0000								
131	TN	H.4.9	3	Service Inquiry	34XX	1.0000	0.0000								
132	TN	H.4.9	3	Service Inquiry	34XX	8.0000	0.0000								
133	TN	H.4.9	3	Service Inquiry	32XX	3.0000	0.0000								
134	TN	H.4.9	3	Service Inquiry	JG58	0.7500	0.0000								
135	TN	H.4.9	3	Service Inquiry	JG55	0.1250	0.0000								
136	TN	H.4.9	3	Service Inquiry	34XX	5.0000	0.0000								
137	TN	H.4.999	3	Service Inquiry	JG58	0.0000	0.0000								
138	TN	H.4.999	3	Service Inquiry	WS10	0.0000	0.0000								
139	TN	H.4.999	3	Service Inquiry	230X	0.0000	0.0300								
140	TN	H.4.999	3	Service Inquiry	34XX	0.0000	0.0000								
141	TN	H.4.999	3	Service Inquiry	34XX	0.0000	0.0000								
142	TN	H.4.999	3	Service Inquiry	34XX	0.0000	0.0000								
143	TN	H.4.999	3	Service Inquiry	32XX	0.0000	0.0000								
144	TN	H.4.999	3	Service Inquiry	JG58	0.0000	0.0000								
145	TN	H.4.999	3	Service Inquiry	JG55	0.0000	0.0000								
146	TN	H.4.999	3	Service Inquiry	34XX	0.0000	0.0000								
147	TN	H.4.10	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
148	TN	H.4.1099	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
149	TN	H.4.11	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
150	TN	H.4.1199	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
151	TN	H.4.12	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
152	TN	H.4.1299	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
153	TN	H.4.13	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
154	TN	H.4.1399	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
155	TN	H.4.14	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
156	TN	H.4.1499	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
157	TN	H.4.15	52	Service Order	230X			0.0567	0.0000	0.0567	0.0000				
158	TN	H.4.1599	52	Service Order	230X			0.0000	0.0300	0.0000	0.0300				
159		END		Maximum of 25 entries per Cost Element #											

000196

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Tennessee												
2	Adjacent Physical Collocation - NRC Circuit Design Worktimes												
3	Study Period 2000 - 2002												
4	TN												
5						Cost	(For use w/ one NR)		First		Additional		
6						Element	Install	Disconnect	Install	Disconnect	Install	Disconnect	
7	Cost					Life	Time	Time	Time	Time	Time	Time	Nonrecurring
8	Element #	Description	Workgroup	Source	JFC	(months)	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	Additive
9													
10	H 4 3	Adjacent Physical Collocation - 2-Wire Cross Connects				46							
11		Percent Design Circuits				70 00%							
12		Service Order	Customer Point of Contact	Interconnection Operations	230X				0 0100	0 0000	0 0100	0 0000	
13		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0050	0 0000	0 0000	0 0000	
14		Service Order	Work Management Center	Advanced Networking Division	4WXX				0 0250	0 0000	0 0000	0 0000	
15		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0183	0 0000	0 0183	0 0000	
16		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0130	0 0000	0 0130	0 0000	
17		CONNECT & ~~Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 1667	0 0000	0 1667	0 0000	
18		CONNECT & ~~Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0476	0 0000	0 0476	0 0000	
19													
20	H 4 398	Adjacent Physical Collocation - 2-Wire Cross Connects				46							
21		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 2500	0 0000	0 2500	0 0000	
22		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0476	0 0000	0 0476	0 0000	
23													
24	H 4 399	Adjacent Physical Collocation - 2-Wire Cross Connects - Disconnect				46							
25		Percent Design Circuits				70 00%							
26		Service Order	Customer Point of Contact	Interconnection Operations	230X				0 0000	0 0033	0 0000	0 0033	
27		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0000	0 0050	0 0000	0 0000	
28		Service Order	Work Management Center	Advanced Networking Division	4WXX				0 0000	0 0250	0 0000	0 0000	
29		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0000	0 0183	0 0000	0 0183	
30		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0000	0 0001	0 0000	0 0001	
31		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 0000	0 1667	0 0000	0 1667	
32		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0000	0 0240	0 0000	0 0240	
33													
34	H 4 4	Adjacent Physical Collocation - 4-Wire Cross Connects				52							
35		Service Order	Customer Point of Contact	Interconnection Operations	230X				0 0100	0 0000	0 0100	0 0000	
36		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0050	0 0000	0 0000	0 0000	
37		Service Order	Work Management Center	Advanced Networking Division	4WXX				0 0250	0 0000	0 0000	0 0000	
38		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0183	0 0000	0 0183	0 0000	
39		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0130	0 0000	0 0130	0 0000	
40		CONNECT & ~~Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 1667	0 0000	0 1667	0 0000	
41		CONNECT & ~~Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0476	0 0000	0 0476	0 0000	
42													
43	H 4 498	Adjacent Physical Collocation - 4-Wire Cross Connects				52							
44		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 2500	0 0000	0 2500	0 0000	
45		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0476	0 0000	0 0476	0 0000	
46													
47	H 4 499	Adjacent Physical Collocation - 4-Wire Cross Connects - Disconnect				52							
48		Service Order	Customer Point of Contact	Interconnection Operations	230X				0 0000	0 0033	0 0000	0 0033	
49		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0000	0 0050	0 0000	0 0000	
50		Service Order	Work Management Center	Advanced Networking Division	4WXX				0 0000	0 0250	0 0000	0 0000	
51		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0000	0 0183	0 0000	0 0183	
52		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0000	0 0001	0 0000	0 0001	
53		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 0000	0 1667	0 0000	0 1667	
54		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0000	0 0240	0 0000	0 0240	
55													
56	H 4 5	Adjacent Physical Collocation - DS-1 Cross Connects				52							
57		Service Order	Customer Point of Contact	Interconnection Operations	230X				0 0100	0 0000	0 0100	0 0000	
58		Service Order	Network & Engineering Planning	Advanced Networking Division	34XX				0 2500	0 0000	0 0833	0 0000	
59		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0133	0 0000	0 0000	0 0000	
60		Service Order	Network Plug-in Administration	Advanced Networking Division	3A2X				0 0033	0 0000	0 0000	0 0000	
61		Service Order	Work Management Center	Advanced Networking Division	4WXX				0 0733	0 0000	0 0000	0 0000	
62		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0183	0 0000	0 0183	0 0000	
63		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0 0492	0 0000	0 0492	0 0000	
64		CONNECT & ~~Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0 1667	0 0000	0 1667	0 0000	
65		CONNECT & ~~Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0 0760	0 0000	0 0760	0 0000	

000197

	A	B	C	D	E	F	G	H	I	J	K	L	M
66													
67	H 4 598	Adjacent Physical Collocation - DS-1 Cross Connects				52							
68		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.2500	0.0000	0.2500	0.0000	
69		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
70													
71	H 4 599	Adjacent Physical Collocation - DS-1 Cross Connects - Disconnect				52							
72		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0033	0.0000	0.0033	
73		Service Order	Network & Engineering Planning	Advanced Networking Division	34XX				0.0000	0.0000	0.0000	0.0000	
74		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0033	0.0000	0.0000	
75		Service Order	Network Plug-in Administration	Advanced Networking Division	3A2X				0.0000	0.0000	0.0000	0.0000	
76		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0000	0.0250	0.0000	0.0000	
77		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0183	0.0000	0.0183	
78		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0025	0.0000	0.0025	
79		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.0000	0.1667	0.0000	0.1667	
80		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0240	0.0000	0.0240	
81													
82	H 4 6	Adjacent Physical Collocation - DS-3 Cross Connects				52							
83		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0100	0.0000	0.0100	0.0000	
84		Service Order	Network & Engineering Planning	Advanced Networking Division	34XX				0.2500	0.0000	0.0833	0.0000	
85		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0000	0.0000	
86		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0500	0.0000	0.0000	0.0000	
87		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0111	0.0000	0.0111	0.0000	
88		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0167	0.0000	
89		CONNECT ~~& Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.1667	0.0000	0.1667	0.0000	
90		CONNECT ~~& Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
91													
92	H 4 698	Adjacent Physical Collocation - DS-3 Cross Connects				52							
93		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.2500	0.0000	0.2500	0.0000	
94		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
95													
96	H 4 699	Adjacent Physical Collocation - DS-3 Cross Connects - Disconnect				52							
97		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0033	0.0000	0.0033	
98		Service Order	Network & Engineering Planning	Advanced Networking Division	34XX				0.0000	0.0000	0.0000	0.0000	
99		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0000	
100		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0000	0.0500	0.0000	0.0000	
101		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0111	0.0000	0.0111	
102		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0167	
103		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.0000	0.1667	0.0000	0.1667	
104		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0240	0.0000	0.0240	
105													
106	H 4 7	Adjacent Physical Collocation - 2-Fiber Cross Connect				52							
107		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0100	0.0000	0.0100	0.0000	
108		Service Order	Network Engineering & Planning	Advanced Networking Division	34XX				0.2500	0.0000	0.0833	0.0000	
109		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0000	0.0000	
110		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0500	0.0000	0.0000	0.0000	
111		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0111	0.0000	0.0111	0.0000	
112		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0167	0.0000	
113		CONNECT ~~& Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.1667	0.0000	0.1667	0.0000	
114		CONNECT ~~& Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
115													
116	H 4 798	Adjacent Physical Collocation - 2-Fiber Cross Connect				52							
117		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.2500	0.0000	0.2500	0.0000	
118		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
119													
120	H 4 799	Adjacent Physical Collocation - 2-Fiber Cross Connect - Disconnect				52							
121		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0033	0.0000	0.0033	
122		Service Order	Network Engineering & Planning	Advanced Networking Division	34XX				0.0000	0.0000	0.0000	0.0000	
123		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0000	
124		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0000	0.0500	0.0000	0.0000	
125		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0111	0.0000	0.0111	
126		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0167	
127		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.0000	0.1667	0.0000	0.1667	
128		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0240	0.0000	0.0240	
129													
130													

000198

	A	B	C	D	E	F	G	H	I	J	K	L	M
131	H 4 8	Adjacent Physical Collocation - 4-Fiber Cross Connect				52							
132		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0100	0.0000	0.0100	0.0000	
133		Service Order	Network Engineering & Planning	Advanced Networking Division	34XX				0.2500	0.0000	0.0833	0.0000	
134		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0000	0.0000	
135		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0500	0.0000	0.0000	0.0000	
136		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0111	0.0000	0.0111	0.0000	
137		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0167	0.0000	0.0167	0.0000	
138		CONNECT & ~~Test~~	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.2500	0.0000	0.2500	0.0000	
139		CONNECT & ~~Test~~	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
140													
141	H 4 898	Adjacent Physical Collocation - 4-Fiber Cross Connect				52							
142		~~Connect~~ & TEST	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.3750	0.0000	0.3750	0.0000	
143		~~Connect~~ & TEST	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0760	0.0000	0.0760	0.0000	
144													
145	H 4 899	Adjacent Physical Collocation - 4-Fiber Cross Connect - Disconnect				52							
146		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0033	0.0000	0.0033	
147		Service Order	Network Engineering & Planning	Advanced Networking Division	34XX				0.0000	0.0000	0.0000	0.0000	
148		Service Order	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0000	
149		Service Order	Work Management Center	Advanced Networking Division	4WXX				0.0000	0.0500	0.0000	0.0000	
150		Service Order	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0111	0.0000	0.0111	
151		Engineering	Circuit Provisioning Group	Advanced Networking Division	4N4X				0.0000	0.0167	0.0000	0.0167	
152		Connect & Test	CO Install & Mtce Field - Ckt & Fac	Advanced Networking Division	431X				0.0000	0.2500	0.0000	0.2500	
153		Connect & Test	Access Customer Advocate Center	Advanced Networking Division	4AXX				0.0000	0.0240	0.0000	0.0240	
154													
155	H 4 9	**Adjacent Physical Collocation - Application Cost**				3							
156		**Service Inquiry**	**Account Team Collocation Coordinator (ATCC)**	Interconnection Operations	JG58		11.0000	0.0000					
157		(a) Initiation of Application											
158		• Initial review of the application in order to validate integrity of data (e.g., power request											
159		closely matches equipment power drain) and discussion with applicant											
160		• Explanation of application contents and its impact to the overall project with											
161		applicant includes any clarification of application information necessary for											
162		the interdepartmental coordinators											
163		(b) Review of Physical Collocation Agreement											
164		• Review of applicant's specific terms, conditions and rates for physical collocation											
165		• Clarification of physical agreement terms and conditions for evaluation of their											
166		impact specific to the project											
167		• Identification of impacting terms and conditions to interdepartmental coordinators											
168		(for example, unique time frames)											
169		(c) Processing of Application											
170		• Identify interdepartmental coordinators by name, address, office, telephone											
171		number and fax telephone number specific to selected location.											
172		• Assign a reference number.											
173		• Request service order issuance for establishing a Billing Account Number (BAN)											
174		• Process application payment to BellSouth billing center.											
175		• Prepare and distribute cover list and identify any critical concerns relating to the											
176		particular application (e.g., the CLEC may truly desire significantly more power than											
177		required with the current application and noting this will speed up the review process)											
178		Review the application determining final acceptance of a Bona Fide Application											
179		(include correct prepaid fee, correct listing of equipment data, wiring requirements,											
180		signatures, etc.)											
181		• Assemble the Bona Fide Application Package for distribution to the											
182		interdepartmental coordinators											
183		• Update Master database for corporate compliance reporting											
184		(d) Gathering Response Data											
185		• Respond to questions from the Interdepartmental Coordinators and review the responses											
186		for clarification. For example, because of the variety of physical collocation agreements											
187		in effect, the ATCC will still need to verify the response provided by the interdepartmental											
188		team matches the terms of the CLEC's agreement.											
189		(3) Preparation and Distribution of the Response											
190		• Update response information from the Interdepartmental Coordinators and prepare a											
191		response for the customer.											
192		• Review terms, conditions, and rates and translation of Interdepartmental response											
193		data into written contract commitments.											
194		• Prepare written response and cover letter											
195		• Determine expiration date to place Bona Fide Order											

000199

	A	B	C	D	E	F	G	H	I	J	K	L	M
196		• Assemble response package (including cover letter, response, BSTEI-1-P forms for											
197		placing Bona Fide Firm Order, listings of BellSouth Certified Vendors) Account Team											
198		Collocation Coordinator											
199		Service Inquiry	Account Team Collocation Clerical (ATCC)	Interconnection Operations	WS10		1.0000	0.0000					
200		• Clerical time for distribution of the application to the field and distribution of the hard											
201		copy of the response to the customer											
202		Service Inquiry	Customer Point of Contact	Interconnection Operations	230X		0.5000	0.0000					
203		• Receive and review Fee Processing Request Form.											
204		• Verify customer credit information.											
205		• Manually enter Access Service Request (ASR) with customer information											
206		• Query mechanized system for Billing Account Number assignment											
207		• Generate Service Order Work Aid (SOWA) and enter the appropriate											
208		application information											
209		• Issue service order to establish billing account for processing the Application Fee.											
210		• Follow up to ensure completion of service order.											
211		Service Inquiry	Interexchange Network Access Coord (INAC)	Network Planning & Support	34XX		10.0000	0.0000					
212		• Receive and evaluate inquiry.											
213		• Contact Area provisioning team, if required											
214		• Initiate and facilitate follow-up planning meetings with Area work groups & customer, if required											
215		• Work with the Area team to develop the plan, establish tentative schedules and identify major											
216		construction items that will affect critical dates.											
217		• Serve as technical consultant to Area Provisioning team, Account Team Coordinator and											
218		customer for identification and resolution of issues.											
219		• Interface with Regulatory and Collocation Project Team for policy development and issue											
220		resolution.											
221		• Receive inquiry response data from Area team.											
222		• Analyze data and determine project schedule Resolve Network issues											
223		• Review response data and notify Account Team Coordinator that inquiry is complete.											
224		Service Inquiry	Power Capacity Management (PCM)	Network Planning & Support	34XX		1.0000	0.0000					
225		• Review request and determine what work is needed in order to ensure sufficient power											
226		capacity exists based on application.											
227		Service Inquiry	Circuit Capacity Management (CCM)	Network Planning & Support	34XX		8.0000	0.0000					
228		• Receive and review Service Inquiry											
229		• Interface with INAC and account team to discuss and respond to application.											
230		• Interface with CSCM and other network groups to discuss and respond to application.											
231		Service Inquiry	Outside Plant Engineering (OSPE)	Network Planning & Support	32XX		3.0000	0.0000					
232		• Determine availability of duct space, research options for point of interconnection											
233		and submit inquiry response.											
234		• Evaluate manhole access.											
235		• Assessment of cable entrance facilities.											$ 1,013.00
236		Service Inquiry	Parsons Engineering	Interconnection Operations									
237		• Perform survey and cost estimate for CLEC response.											
238		Service Inquiry	Corporate Real Estate Services (CRES)	Interconnection Operations	JG58		0.7500	0.0000					
239		• Act as a single point of contact for questions, dates and information from ATCC and											
240		Parsons Engineering for building related work requirements, such as HVAC enhancements											
241		• Approve work request.											
242		• Review drawings of the facility requested to determine current condition											
243		• Receive inquiry and enter tacking data to system.											
244		• Monitor timely response to INAC.											
245		• Interact with other CRES team members on responses.											
246		Service Inquiry	Corporate Real Estate Services (CRES)	Interconnection Operations	JG55		0.1250	0.0000					
247		• Enter work request which is required to authorize our consultants to determine estimates											
248		• Establish authority number and route for approval.											
249		Service Inquiry	Common Systems Capacity Management (CSCM)	Network Planning & Support	34XX		5.0000	0.0000					
250		• Review application for power and cabling requirements.											
251		• Perform site visit to verify cable infrastructure conditions											
252		• Coordinate requirements with Property & Services Management											
253		• Coordinate cable and power requirements with Circuit and Power Capacity Manager.											
254		• Complete application response data related to above items.											
255						3							
256	H.4.999	Adjacent Physical Collocation - Application Cost - Disconnect											
257		Service Inquiry	Account Team Collocation Coordinator (ATCC)	Interconnection Operations	JG58		0.0000	0.0000					
258		Service Inquiry	Account Team Collocation Clerical (ATCC)	Interconnection Operations	WS10		0.0000	0.0000					
259		Service Inquiry	Customer Point of Contact	Interconnection Operations	230X		0.0000	0.0300					
260		Service Inquiry	Interexchange Network Access Coordinator (INAC)	Network Planning & Support	34XX		0.0000	0.0000					

000200

	A	B	C	D	E	F	G	H	I	J	K	L	M
261		Service Inquiry	Power Capacity Management (PCM)	Network Planning & Support	34XX		0.0000	0.0000					
262		Service Inquiry	Circuit Capacity Management (CCM)	Network Planning & Support	34XX		0.0000	0.0000					
263		Service Inquiry	Outside Plant Engineering (OSPE)	Network Planning & Support	32XX		0.0000	0.0000					
264		Service Inquiry	Corporate Real Estate Services (CRES)	Interconnection Operations	JG58		0.0000	0.0000					
265		Service Inquiry	Corporate Real Estate Services (CRES)	Interconnection Operations	JG55		0.0000	0.0000					
266		Service Inquiry	Common Systems Capacity Management (CSCM)	Network Planning & Support	34XX		0.0000	0.0000					
267													
268	H 4 10	Adjacent Physical Collocation - 2-Wire Cross Connect -				52							
269		Manual Svc Order vs. Electronic Service Order											
270		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
271													
272	H 4 1099	Adjacent Physical Collocation - 2-Wire Cross Connect - Disconnect				52							
273		Manual Svc Order vs. Electronic Service Order											
274		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
275													
276	H 4 11	Adjacent Physical Collocation - 4-Wire Cross Connect -				52							
277		Manual Svc Order vs. Electronic Service Order											
278		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
279													
280	H 4 1199	Adjacent Physical Collocation - 4-Wire Cross Connect - Disconnect				52							
281		Manual Svc Order vs. Electronic Service Order											
282		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
283													
284	H 4 12	Adjacent Physical Collocation - DS-1 Cross Connect -				52							
285		Manual Svc Order vs. Electronic Service Order											
286		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
287													
288	H 4 1299	Adjacent Physical Collocation - DS-1 Cross Connect - Disconnect				52							
289		Manual Svc Order vs. Electronic Service Order											
290		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
291													
292	H 4 13	Adjacent Physical Collocation - DS-3 Cross Connect -				52							
293		Manual Svc Order vs. Electronic Service Order											
294		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
295													
296	H 4 1399	Adjacent Physical Collocation - DS-3 Cross Connect - Disconnect				52							
297		Manual Svc Order vs. Electronic Service Order											
298		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
299													
300	H 4 14	Adjacent Physical Collocation - 2-Fiber Cross Connect -				52							
301		Manual Svc Order vs. Electronic Service Order											
302		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
303													
304	H 4 1499	Adjacent Physical Collocation - 2-Fiber Cross Connect - Disconnect				52							
305		Manual Svc Order vs. Electronic Service Order											
306		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
307													
308	H 4 15	Adjacent Physical Collocation - 4-Fiber Cross Connect -				52							
309		Manual Svc Order vs. Electronic Service Order											
310		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0567	0.0000	0.0567	0.0000	
311													
312	H 4 1599	Adjacent Physical Collocation - 4-Fiber Cross Connect - Disconnect				52							
313		Manual Svc Order vs. Electronic Service Order											
314		Service Order	Customer Point of Contact	Interconnection Operations	230X				0.0000	0.0300	0.0000	0.0300	
315													
316													
317													
318													
319													
320													
321													
322													
323													
324													
325													

000201

	A	B	C	D	E	F	G
1	Tennessee						
2	Adjacent Physical Collocation						
3	Study Period: 2000 - 2002						
4	TN						
5							
6		Item/Description					Recurring
7	Element	Description	FRC	Sub FRC	Source	Amount	Additive
8							
9	H.4	**Adjacent Collocation**					
10							
11	H.4.1	**Adjacent Collocation - Space Cost per Sq. Ft.**					
12		Land Cost	20C	00	Property & Services Mgt	$4.250	
13							
14	H.4.2	**Adjacent Collocation - Electrical Facility Cost per Linear Ft.**					
15		Materials and Labor Investment	377CP	00	Property & Services Mgt	$263.000	
16							
17	H.4.3	**Adjacent Collocation - 2-Wire Cross-Connects**					
18		**Distributing Frame (DF)**	377C	05			
19		Material Price			Network Planning & Support	[redacted]	
20		Circuit Capacity			Network Planning & Support	7,200	
21		Projected Actual Utilization			Network Planning & Support	[redacted]	
22		Number Required			Network Planning & Support	1	
23		**Cable Rack**	377C	11			
24		Material Price per foot			Network Planning & Support	[redacted]	
25		Circuit Capacity			Network Planning & Support	97,200	
26		Projected Actual Utilization			Network Planning & Support	[redacted]	
27		Number Feet			Network Planning & Support	75	
28							
29	H.4.4	**Adjacent Collocation - 4-Wire Cross-Connects**					
30		**Distributing Frame (DF)**	377C	05			
31		Material Price			Network Planning & Support	[redacted]	
32		Circuit Capacity			Network Planning & Support	7,200	
33		Projected Actual Utilization			Network Planning & Support	[redacted]	
34		Number Required			Network Planning & Support	2	
35		**Cable Rack**	377C	11			
36		Material Price per foot			Network Planning & Support	[redacted]	
37		Circuit Capacity			Network Planning & Support	48,600	
38		Projected Actual Utilization			Network Planning & Support	[redacted]	
39		Number Feet			Network Planning & Support	75	
40							
41	H.4.5	**Adjacent Collocation - DS-1 Cross-Connects**	357C	01			
42		**DSX-1 Panel**					
43		Material Price			DS1 Price Calculator	[redacted]	
44		Projected Actual Utilization			Network Planning & Support	[redacted]	
45		**Cable Rack**					
46		Material Price per foot			Network Planning & Support	[redacted]	
47		Circuit Capacity			Network Planning & Support	10,528	
48		Projected Actual Utilization			Network Planning & Support	[redacted]	
49		Number Feet			Network Planning & Support	100	
50							
51	H.4.6	**Adjacent Collocation - DS-3 Cross-Connects**	357C	01			
52		**DSX-3 Panel**					
53		Material Price			DS1 Price Calculator	[redacted]	
54		Projected Actual Utilization			Network Planning & Support	[redacted]	
55		**Cable Rack**					
56		Material Price per foot			Network Planning & Support	[redacted]	
57		Circuit Capacity			Network Planning & Support	3,732	
58		Projected Actual Utilization			Network Planning & Support	[redacted]	
59		Number Feet			Network Planning & Support	100	
60							

000202

	A	B	C	D	E	F	G
61	H.4.7	**Adjacent Collocation - 2-Fiber Cross-Connect**	357C	01			
62		**LGX Bay**					
63		Material Price			Network Planning & Support	[redacted]	
64		Fiber Capacity			Network Planning & Support	324	
65		Projected Actual Utilization			Network Planning & Support	[redacted]	
66		**LGX Shelf**					
67		Material Price			Network Planning & Support	[redacted]	
68		Circuit Capacity			Network Planning & Support	36	
69		Projected Actual Utilization			Network Planning & Support	[redacted]	
70		**Cable Rack**					
71		Material Price per foot			Network Planning & Support	[redacted]	
72		2-Fiber Capacity			Network Planning & Support	771	
73		Projected Actual Utilization			Network Planning & Support	[redacted]	
74		Number Feet			Network Planning & Support	100	
75							
76	H.4.8	**Adjacent Collocation - 4-Fiber Cross-Connect**	357C	01			
77		**LGX Bay**					
78		Material Price			Network Planning & Support	[redacted]	
79		Fiber Capacity			Network Planning & Support	162	
80		Projected Actual Utilization			Network Planning & Support	[redacted]	
81		**LGX Shelf**					
82		Material Price			Network Planning & Support	[redacted]	
83		Circuit Capacity			Network Planning & Support	18	
84		Projected Actual Utilization			Network Planning & Support	[redacted]	
85		**Cable Rack**					
86		Material Price per Foot			Network Planning & Support	[redacted]	
87		4-Fiber Circuit Capacity			Network Planning & Support	730	
88		Projected Actual Utilization			Network Planning & Support	[redacted]	
89		Number Feet			Network Planning & Support	100	
90							
91	H.4.16	**Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp**					
92		Investment required for providing standby AC Power per Breaker AMP	377CP	00	Network Planning & Support	$61.440	
93		ComACPwr-120V1P/BreakerAmp			Network Planning & Support		$3.920
94							
95	H.4.17	**Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker AMP**					
96		Investment required for providing standby AC Power per Breaker AMP	377CP	00	Network Planning & Support	$122.880	
97		ComACPwr-240V1P/BreakerAmp			Network Planning & Support		$7.850
98							
99	H.4.18	**Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker AMP**					
100		Investment required for providing standby AC Power per Breaker AMP	377CP	00	Network Planning & Support	$184.320	
101		ComACPwr-120V3P/BreakerAmp			Network Planning & Support		$11.770
102							
103	H.4.19	**Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker AMP**					
104		Investment required for providing standby AC Power per Breaker AMP	377CP	00	Network Planning & Support	$425.470	
105		ComACPwr-277V3P/BreakerAmp			Network Planning & Support		$27.180
106							
107							
108							
109							
110							
111							
112							
113							
114							
115							
116							
117							
118							
119							
120							

000203

	A	B	C	D	E	F	G
1	Tennessee						
2	Development of Investment for Adjacent Physical Collocation - NRC Circuit Design						
3	Study Period: 2000 - 2002						
4							
5	H.4.3 & H.4.399 NRC						
6			Percent	First		Additional	
7	Description	Source	Design	Install	Disconnect	Install	Disconnect
8			Circuits	(Hours)	(Hours)	(Hours)	(Hours)
9							
10	**2-Wire Cross Connects - Install**						
11							
12	Percent Design Circuits	INPUTS_Nonrecurring Line 11	70.00%				
13							
14	Service Order	INPUTS_Nonrecurring Line 13		0.0050	0.0000	0.0000	0.0000
15							
16	Circuit Provisioning Group	Line 12 × Line 14		0.0035	0.0000	0.0000	0.0000
17							
18	Engineering	INPUTS_Nonrecurring Line 16		0.0130	0.0000	0.0130	0.0000
19							
20	Circuit Provisioning Group	Line 12 × Line 18		0.0091	0.0000	0.0091	0.0000
21							
22	**2-Wire Cross Connects - Disconnect**						
23							
24	Percent Design Circuits	INPUTS_Nonrecurring Line 25	70.00%				
25							
26	Service Order	INPUTS_Nonrecurring Line 27		0.0000	0.0050	0.0000	0.0000
27							
28	Circuit Provisioning Group	Line 24 × Line 26		0.0000	0.0035	0.0000	0.0000
29							
30	Engineering	INPUTS_Nonrecurring Line 30		0.0000	0.0001	0.0000	0.0001
31							
32	Circuit Provisioning Group	Line 24 × Line 30		0.0000	0.00005	0.0000	0.00005
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							

000204

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - 2-Wire Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.3				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**Distributing Frame (DF)**				
9					
10	Material Price			INPUTS_Investments Line 19	[redacted]
11					
12	Circuit Capacity			INPUTS_Investments Line 20	7,200
13					
14	Projected Actual Utilization			INPUTS_Investments Line 21	[redacted]
15					
16	Number Required			INPUTS_Investments Line 22	1
17					
18	Utilized Material Price per 2-Wire Cross Connect	**377C**	**05**	Line10 ÷ Line12 ÷ Line14 × Line16	$0.693
19					
20	**Cable Rack**				
21					
22	Material Price per foot			INPUTS_Investments Line 24	[redacted]
23					
24	Circuit Capacity			INPUTS_Investments Line 25	97,200
25					
26	Projected Actual Utilization			INPUTS_Investments Line 26	[redacted]
27					
28	Number Feet			INPUTS_Investments Line 27	75
29					
30	Utilized Material Price per 2-Wire Cross Connect	**377C**	**11**	Line22 ÷ Line24 ÷ Line26 × Line28	$0.052
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

000205

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - 4-Wire Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.4				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**Distributing Frame (DF)**				
9					
10	Material Price			INPUTS_Investments Line 31	[redacted]
11					
12	Circuit Capacity			INPUTS_Investments Line 32	7,200
13					
14	Projected Actual Utilization			INPUTS_Investments Line 33	[redacted]
15					
16	Number Required			INPUTS_Investments Line 34	2
17					
18	Utilized Material Price per 4-Wire Cross Connect	**377C**	**05**	Line10 ÷ Line12 ÷ Line14 × Line16	$1.387
19					
20	**Cable Rack**				
21					
22	Material Price per foot			INPUTS_Investments Line 36	[redacted]
23					
24	Circuit Capacity			INPUTS_Investments Line 37	48,600
25					
26	Projected Actual Utilization			INPUTS_Investments Line 38	[redacted]
27					
28	Number Feet			INPUTS_Investments Line 39	75
29					
30	Utilized Material Pnce per 4-Wire Cross Connect	**377C**	**11**	Line22 ÷ Line24 ÷ Line26 × Line28	$0.103
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

000206

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - DS-1 Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.5				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**DSX-1 Panel**				
9					
10	Material Price			INPUTS_Investments Line 43	[redacted]
11					
12	Projected Actual Utilization			INPUTS_Investments Line 44	[redacted]
13					
14	Utilized Material Price per DS-1 Cross Connect			Line 10 ÷ Line 12	$14.351
15					
16	**Cable Rack**				
17					
18	Material Price per foot			INPUTS_Investments Line 46	[redacted]
19					
20	Circuit Capacity			INPUTS_Investments Line 47	10,528
21					
22	Projected Actual Utilization			INPUTS_Investments Line 48	[redacted]
23					
24	Number Feet			INPUTS_Investments Line 49	100
25					
26	Utilized Material Price per DS-1 Cross Connect			Line18 ÷ Line20 ÷ Line22 × Line24	$0.600
27					
28	Utilized Material Price per DS-1 Cross Connect	**357C**	**01**	Line 14 + Line 26	$14.950
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - DS-3 Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.6				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**DSX-3 Panel**				
9					
10	Material Price			INPUTS_Investments Line 53	[redacted]
11					
12	Projected Actual Utilization			INPUTS_Investments Line 54	[redacted]
13					
14	Utilized Material Price per DS-3 Cross Connect			Line 10 + Line 12	$200.980
15					
16	**Cable Rack**				
17					
18	Material Price per foot			INPUTS_Investments Line 56	[redacted]
19					
20	Circuit Capacity			INPUTS_Investments Line 57	3,732
21					
22	Projected Actual Utilization			INPUTS_Investments Line 58	[redacted]
23					
24	Number Feet			INPUTS_Investments Line 59	100
25					
26	Utilized Material Price per DS-3 Cross Connect			Line18 + Line20 + Line22 × Line24	$1.523
27					
28	Utilized Material Price per DS-3 Cross Connect	**357C**	**01**	Line 14 + Line 26	$202.503
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

000208

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - 2-Fiber Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.7				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**LGX Bay**				
9					
10	Material Price			INPUTS_Investments Line 63	[redacted]
11					
12	Fiber Capacity			INPUTS_Investments Line 64	324
13					
14	Projected Actual Utilization			INPUTS_Investments Line 65	[redacted]
15					
16	Utilized Material Price per 2-Fiber Cross Connect			Line 10 + Line 12 + Line 14	$3.743
17					
18	**LGX Shelf**				
19					
20	Material Price			INPUTS_Investments Line 67	[redacted]
21					
22	Circuit Capacity			INPUTS_Investments Line 68	36
23					
24	Projected Actual Utilization			INPUTS_Investments Line 69	[redacted]
25					
26	Utilized Material Price per 2-Fiber Cross Connect			Line 20 + Line 22 + Line 24	$27.321
27					
28	**Cable Rack**				
29					
30	Material Price per foot			INPUTS_Investments Line 71	[redacted]
31					
32	2-Fiber Capacity			INPUTS_Investments Line 72	771
33					
34	Projected Actual Utilization			INPUTS_Investments Line 73	[redacted]
35					
36	Number Feet			INPUTS_Investments Line 74	100
37					
38	Utilized Material Price per 2-Fiber Cross Connect			Line30 + Line32 + Line34 × Line36	$3.241
39					
40	Utilized Material Price per 2-Fiber Cross Connect	357C	01.	Line 16 + Line 26 + Line 38	$34.306
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

000209

	A	B	C	D	E
1	Tennessee				
2	Development of Investment for Adjacent Physical Collocation - 4-Fiber Cross Connects				
3	Study Period: 2000 - 2002				
4					
5	H.4.8				
6	Item / Description				
7	Description	FRC	Sub FRC	Source	Amount
8	**LGX Bay**				
9					
10	Material Price			INPUTS_Investments Line 78	[redacted]
11					
12	Fiber Capacity			INPUTS_Investments Line 79	162
13					
14	Projected Actual Utilization			INPUTS_Investments Line 80	[redacted]
15					
16	Utilized Material Price per 4-Fiber Cross Connect			Line 10 + Line 12 + Line 14	$7.487
17					
18	**LGX Shelf**				
19					
20	Material Price			INPUTS_Investments Line 82	[redacted]
21					
22	Circuit Capacity			INPUTS_Investments Line 83	18
23					
24	Projected Actual Utilization			INPUTS_Investments Line 84	[redacted]
25					
26	Utilized Material Price per 4-Fiber Cross Connect			Line 20 + Line 22 + Line 24	$54.642
27					
28	**Cable Rack**				
29					
30	Material Price per Foot			INPUTS_Investments Line 86	[redacted]
31					
32	4-Fiber Circuit Capacity			INPUTS_Investments Line 87	730
33					
34	Projected Actual Utilization			INPUTS_Investments Line 88	[redacted]
35					
36	Number Feet			INPUTS_Investments Line 89	100
37					
38	Utilized Material Price per 4-Fiber Cross Connect			Line30 + Line32 + Line34 × Line36	$3.423
39					
40	Utilized Material Price per 4-Fiber Cross Connect	**357C**	**01**	Line 16 + Line 26 + Line 38	$65.552
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					