

AFFIDAVIT

STATE OF GEORGIA

COUNTY OF FULTON

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Kathy K. Blake, who, being by me first duly sworn deposed and said that:

She is appearing as a witness before the Kentucky Public Service Commission in Case No. 2003-00379, Review of Federal Communications Commission's Triennial Review Order Regarding Unbundling Requirements for Individual Network Elements, and if present before the Commission and duly sworn, her testimony would be set forth in the annexed testimony consisting of 20 pages and 4 exhibits.

Kathy K. Blake

Kathy K. Blake

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS 9<sup>th</sup> DAY OF FEBRUARY, 2004

Micheale F. Bixler Notary Public

MICHEALE F. BIXLER  
Notary Public, Douglas County, Georgia  
My Commission Expires November 3, 2005

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BELLSOUTH TELECOMMUNICATIONS, INC.  
DIRECT TESTIMONY OF KATHY K. BLAKE  
BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION  
DOCKET NO. 2003-00379  
FEBRUARY 11, 2004

Q. PLEASE STATE YOUR NAME, YOUR POSITION WITH BELLSOUTH TELECOMMUNICATIONS, INC. (“BELLSOUTH”) AND YOUR BUSINESS ADDRESS.

A. My name is Kathy K. Blake. I am employed by BellSouth as Director – Policy Implementation for the nine-state BellSouth region. My business address is 675 West Peachtree Street, Atlanta, Georgia 30375.

Q. PLEASE PROVIDE A BRIEF DESCRIPTION OF YOUR BACKGROUND AND EXPERIENCE.

A. I graduated from Florida State University in 1981, with a Bachelor of Science degree in Business Management. After graduation, I began employment with Southern Bell as a Supervisor in the Customer Services Organization in Miami, Florida. In 1982, I moved to Atlanta where I have held various positions involving Staff Support, Product Management, Negotiations, and Market Management within the BellSouth Customer Services and Interconnection Services Organizations. In 1997, I moved into the State Regulatory Organization where my responsibilities included issues

1 management and policy witness support. I assumed my current responsibilities  
2 in July 2003.

3

4 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

5

6 A. The purpose of my testimony is to provide an overview of BellSouth’s position  
7 on the issues that the Kentucky Public Service Commission (“Commission”)  
8 will address in determining the geographic markets in Kentucky where  
9 competitive local exchange carriers (“CLECs”) are not “impaired” without  
10 unbundled local switching – a finding that I will refer to as “impairment” in  
11 this testimony. I begin by outlining the delegation that the FCC has made to  
12 the state commissions. After discussing what the FCC has directed the state  
13 commissions to do, I introduce BellSouth’s witnesses. These witnesses will  
14 explain in detail the evidence that addresses the issues that the FCC has asked  
15 the state commissions to examine, including demonstrating that CLECs are not  
16 impaired within the meaning of the Telecommunications Act of 1996 (the  
17 “Act”) in specific geographic areas in Kentucky. I provide information  
18 regarding certain interpretive decisions that BellSouth has made with respect to  
19 the FCC’s Triennial Review Order,<sup>1</sup> such as using the FCC’s default  
20 demarcation point for differentiating between “mass market” customers and  
21 “enterprise” customers. I also discuss the appropriate rate for batch hot cuts.  
22 Finally, I address the availability of collocation in BellSouth’s central offices.

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<sup>1</sup> *In the Matter of Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, et al.*, CC Docket No. 01-338, et al., *Report and Order and Order on Remand an Further Notice of Proposed Rulemaking*, FCC 03-36, released August 21, 2003 (“TRO”).

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Q. HAVE YOU FILED TESTIMONY ON BEHALF OF BELLSOUTH IN *TRO* PROCEEDINGS IN OTHER BELLSOUTH STATES?

A. Yes. In *TRO* proceedings underway in Florida, Georgia, North Carolina, and Alabama, BellSouth filed the policy testimony of Mr. John A. Ruscilli. In this proceeding, and as I did in the *TRO* proceedings in Tennessee, South Carolina and Louisiana, I am filing testimony presenting the same BellSouth policy and positions presented by Mr. Ruscilli.

Q. WHAT HAS THE FCC CHARGED THIS COMMISSION WITH DOING IN THIS PROCEEDING?

A. On August 21, 2003, the FCC issued its long-awaited written order in its triennial review of unbundled network elements (“UNEs”). In its written order, which I will refer to as the “*TRO*,” the FCC determined that “[a]lthough we find competitors to be impaired without access to the incumbent LEC’s switch on a national level when serving the mass market, we authorize state commissions to play a fact-finding role – as set forth below – to identify where competing carriers are not impaired without access to unbundled local circuit switching.” (*TRO* ¶ 493). As a result of the *TRO*, the Commission established this proceeding to identify the geographic markets in Kentucky where CLECs are not impaired in their ability to serve mass market customers without the availability of circuit switching as an unbundled network element. In defining these markets, state commissions must “evaluate impairment by determining

1 the relevant geographic area to include in each market.” (C.F.R. §  
2 51.319(d)(2)(i)). My testimony uses the terms “geographic market area”,  
3 “geographic area”, and “geographic market” interchangeably.

4  
5 In making its determination of whether CLECs are impaired in a given  
6 geographic area, the FCC has required state commissions to make several  
7 interrelated decisions. A state commission must first define the appropriate  
8 geographic market to which it will apply the impairment analysis outlined in  
9 the *TRO*. Next, state commissions must determine the definition for the class  
10 of customers that the FCC identified as “mass market”. In the *TRO*, the FCC  
11 divides customers into two classes, “mass market” customers and “enterprise”  
12 customers. (See *TRO* ¶ 419). The FCC created a presumption that CLECs  
13 serving “enterprise” customers are not impaired even if the CLECs lack access  
14 to unbundled switching. Conversely, CLECs serving “mass market”  
15 customers are presumed to be impaired, unless a state commission determines  
16 otherwise. However, the FCC did not specify which customers comprise the  
17 “mass market” and directed state commissions to make that determination.

18  
19 Once appropriate definitions of the relevant geographic areas and “mass  
20 market” customers are determined, the FCC requires state commissions to  
21 apply two “triggers” tests to see whether CLECs are impaired with respect to  
22 serving mass market customers in each defined geographic market. Both of  
23 the triggers tests are straightforward. If there are three CLECs with self-  
24 provisioned switches serving mass market customers in a given geographic  
25 market, the state commissions are required to find that CLECs are not impaired

1 in that geographic market. Alternatively, if there are two CLECs providing  
2 wholesale switching services to other CLECs who are providing retail service  
3 to mass market customers in a geographic market, the state commissions are  
4 required to find that CLECs are not impaired in that geographic area. To  
5 summarize, if either of these bright line tests is met in a given geographic  
6 market, the switching inquiry is complete in that area and a finding of “no  
7 impairment” is mandatory.

8  
9 If neither of these “triggers” is met in a given geographic area, the FCC  
10 requires that state commissions determine whether there is sufficient *potential*  
11 for competitive deployment in any of these areas to warrant a finding of “no  
12 impairment.” The “potential deployment” test is independent of the triggers  
13 tests and requires the state commissions to consider the economics of an  
14 efficient CLEC looking to provide service in a geographic market.

15  
16 Finally, the FCC delegated to the state commissions the separate task of  
17 determining for which geographic markets a “batch hot cut process” is needed  
18 and to approve and implement such a batch process.

19  
20 Q. PLEASE PROVIDE AN OVERVIEW OF BELLSOUTH’S TESTIMONY IN  
21 THIS PROCEEDING.

22  
23 A. Consistent with the charge given to the state commissions by the FCC, I divide  
24 BellSouth’s testimony into five major areas.

25

1 First, certain words and phrases used in the *TRO* must be defined, and the  
2 geographic market areas for evaluating the FCC's triggers must be established.  
3 This portion of the testimony is entitled Market Definition. Second, the  
4 geographic areas in which the FCC's "triggers" are met and no impairment is  
5 found are identified. This portion of the testimony is entitled Local Switching  
6 Triggers. Third, where the FCC's triggers are not met, the issue of "potential  
7 deployment" is addressed, and accordingly is entitled Potential for Self-  
8 Provisioning of Local Switching. Fourth, the testimony addresses BellSouth's  
9 hot cut process, entitled Batch Hot Cut Process. Finally, I end my testimony  
10 with a brief discussion of the availability of collocation space in BellSouth's  
11 central offices entitled Collocation.

12

13 **MARKET DEFINITION**

14

15 Q. TURNING TO THE FIRST TOPIC, WHAT ARE THE CRITICAL  
16 DEFINITIONS THAT BELLSOUTH PROVIDES?

17

18 A. BellSouth's witnesses provide a logical and economically sound definition of  
19 the "geographic markets" in which the "triggers" and other tests for  
20 impairment should be applied. As set forth by the FCC in the *TRO*, state  
21 commissions were given some parameters that must be used in defining the  
22 appropriate geographic market. Specifically, the FCC said: "In defining  
23 markets, a state commission shall take into consideration the locations of mass  
24 market customers actually being served (if any) by competitors, the variation  
25 in factors affecting competitors' ability to serve each group of customers, and

1 competitors' ability to target and serve specific markets profitably and  
2 efficiently using currently available technologies. A state commission shall  
3 not define the relevant geographic area as the entire state.” (47 C.F.R.  
4 §51.319(d)(2)(i)). The FCC further notes that the geographic market in which  
5 the triggers and potential deployment tests are applied must be large enough to  
6 permit CLECs to realize economies of scale and scope, ruling out, as  
7 BellSouth witness Dr. Chris Pleatsikas will testify, wire centers as the market  
8 definition.

9  
10 After examining a number of alternatives, BellSouth has concluded that the  
11 appropriate “geographic markets” for use in these proceedings are the  
12 individual UNE rate zones adopted by this Commission, subdivided into  
13 smaller areas using the Component Economic Areas (“CEAs”) as developed  
14 by the Bureau of Economic Analysis of the United States Department of  
15 Commerce. CEAs are defined by natural geographic aggregations of economic  
16 activity and cover the entire state of Kentucky. UNE rate zones are an  
17 appropriate starting point for the market definition because, by design, they  
18 reflect the locations of customers currently being served by CLECs, which are  
19 predominantly UNE zones 1 & 2, as well as the costs that affect competitive  
20 ability to serve customers profitably. As Dr. Pleatsikas will explain further  
21 dividing UNE zones by CEAs allows for an extremely granular assessment of  
22 impairment.

23  
24 In short, BellSouth’s proposed geographic market definition is consistent with  
25 the existing distribution of customers and the other factors that the FCC



1 indicates should be considered in setting a market definition. By selecting  
2 these boundaries for the set of geographic markets to be examined under the  
3 state commission's impairment analysis, BellSouth offers a geographic market  
4 definition smaller than the entire state, but large enough so that a competitor  
5 can realize appropriate economies of scope and scale. This definition of  
6 geographic market results in 20 separate geographic markets in BellSouth's  
7 service area in Kentucky. Attached hereto as Exhibit KKB-1 is a map of the  
8 state of Kentucky showing these 20 geographic market areas. As I noted, Dr.  
9 Pleatsikas will provide further detailed information regarding the definition of  
10 "geographic market". In addition to defining the appropriate geographic  
11 market, the Commission must also establish an appropriate definition for the  
12 "mass market" customer. In this proceeding, BellSouth accepts the FCC's  
13 default delineation between "mass market" customers and "enterprise"  
14 customers - that is customers with three or fewer CLEC DS0 lines serving  
15 them are deemed "mass market" customers. This is a reasonable assumption,  
16 and is quite conservative given the FCC's direction to define the cross-over  
17 point as "where it makes sense for a multi-line customer to be served via a DS1  
18 loop." (*TRO* ¶ 497).

**LOCAL SWITCHING TRIGGERS**

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Q. WITH THESE DEFINITIONS OF THE RELEVANT GEOGRAPHIC MARKET AND “MASS MARKET”, LET US MOVE TO THE SECOND MAJOR AREA OF THE TESTIMONY. IN WHAT GEOGRAPHIC MARKETS ARE CLECS NOT IMPAIRED WITHOUT ACCESS TO BELL SOUTH’S UNBUNDLED SWITCHING BECAUSE THE TRIGGERS TEST IS MET?

A. BellSouth’s witness Pamela A. Tipton provides evidence that the self-provisioning switching trigger established by the FCC in its *TRO* is met in 2 of the 20 geographic markets in Kentucky. That is, Ms. Tipton will demonstrate that CLECs are not impaired in 2 geographic markets, because there are mass market customers in those geographic areas actively being served by at least three non-affiliated CLECs using self-provisioned switching. Ms. Tipton has obtained this evidence from the CLECs themselves and from BellSouth’s business records. Although there is a second and separate “trigger” involving the situation where a CLEC obtains switching from a wholesale provider, BellSouth has not relied upon that trigger in establishing the geographic areas where CLECs are not impaired. Attached hereto as Exhibit KKB-2 is a map that indicates the geographic areas in Kentucky in which the FCC’s self-provisioning switching trigger is met.

**POTENTIAL FOR SELF-PROVISIONING**  
**OF LOCAL SWITCHING**

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Q. REGARDING THE THIRD MAJOR AREA OF THE TESTIMONY, WHERE THE FCC'S SWITCHING TRIGGERS ARE NOT MET, WHAT EVIDENCE DOES BELLSOUTH PRESENT WITH REGARD TO "POTENTIAL DEPLOYMENT"?

A. In 6 of the remaining 18 geographic market areas where the triggers tests are not met, BellSouth's witnesses will provide evidence to demonstrate that the FCC's potential deployment test is met and that CLECs are not impaired in those markets without access to BellSouth's unbundled switching. Attached hereto as Exhibit KKB-3 is a map that illustrates the 6 additional geographic market areas in Kentucky where CLECs are not impaired without access to BellSouth's unbundled switching.

Q. PLEASE PROVIDE ADDITIONAL DETAILS REGARDING BELLSOUTH'S "POTENTIAL DEPLOYMENT" CASE, AS IT RELATES TO WHETHER CLECS ARE IMPAIRED WITHOUT ACCESS TO BELLSOUTH'S UNBUNDLED SWITCHING.

A. While the "triggers" test is a "bright line" test, the FCC recognizes that the current availability of unbundled switching may influence the nature and extent of actual competition. In other words, the fact that fewer than three CLECs are self-provisioning switching to mass market customers in a

1 particular geographic market is not necessarily dispositive on the issue of  
2 whether impairment exists in that geographic market. To address this, the FCC  
3 created a different test that can be used to determine whether CLECs are  
4 impaired where the triggers tests are not met. In creating this alternative, the  
5 FCC instructed the state commissions to weigh three things which, taken  
6 together, constitute the “potential deployment” approach to making a “no  
7 impairment” finding where the FCC “triggers” are not met:

8  
9 First, the FCC told the states to look at actual competition where it did not rise  
10 to the level necessary to meet the triggers tests. Ms. Tipton will provide  
11 testimony regarding the actual level of competition from CLECs that self-  
12 provision switching but where the triggers tests are not met.

13  
14 Second, the FCC also instructed the state commissions to consider any  
15 operational barriers to entry, specifically mentioning non-discriminatory  
16 provisioning of loops, access to collocation, and access to co-carrier cross  
17 connects. BellSouth witness Mr. Alphonso Varner will present performance  
18 data establishing that BellSouth provides CLECs with such non-discriminatory  
19 access. BellSouth witness Mr. Wayne Gray discusses the availability of  
20 collocation in BellSouth’s offices in Kentucky, as well as BellSouth’s  
21 provision of co-carrier cross connects to any carrier who requests such cross  
22 connects.

23  
24 Finally, the FCC directed the states to consider any economic barriers to entry  
25 when determining whether CLECs are impaired to serve the mass market

1 customer in a particular geographic market without access to BellSouth's  
2 unbundled local switching. To address the economic issues, BellSouth has  
3 commissioned the creation of a highly detailed, economic model, a CLEC  
4 business case that, in accordance with the *TRO*'s guidance, can be used to  
5 evaluate whether an efficient CLEC could economically enter individual  
6 markets without access to BellSouth's unbundled switching.

7  
8 The model itself will be described and discussed by Mr. Jim Stegeman, whose  
9 company led the development of the BellSouth Analysis of Competitive Entry  
10 (BACE) Model. Dr. Debra Aron, an economist, will discuss how the model  
11 meets the criteria laid out in the *TRO*, the model's economic underpinnings,  
12 some of the model's key economic inputs and the results of the potential  
13 deployment analysis. Dr. Randall Billingsley will provide information  
14 regarding the cost of capital that has been used as an input into the model.  
15 Finally, Mr. Keith Milner will discuss the network design that the model  
16 emulates.

17

18 **BATCH HOT CUT PROCESS**

19

20 Q. PLEASE DESCRIBE THE FOURTH MAJOR AREA OF BELLSOUTH'S  
21 TESTIMONY ADDRESSING "HOT CUTS".

22

23 A. Apart from testimony demonstrating the results of the triggers and potential  
24 deployment analyses, BellSouth will also present testimony showing that an  
25 efficient hot cut process is in place, enabling competitors to compete by

1 obtaining access to BellSouth's unbundled loops and using either the  
2 competitors' own switches or wholesale switching. Further, BellSouth will  
3 present testimony demonstrating that BellSouth has a seamless and effective  
4 batch hot cut process in place that enables competitors to convert existing  
5 Unbundled Network Element – Port/Loop Combination (“UNE-P”) lines to  
6 unbundled loops and switching that is not provided by BellSouth.

7

8 Q. IS THE ISSUE OF HOT CUTS COMPLEX?

9

10 A. No. The hot cut case is simple because it involves a process that has been  
11 around for 100 years – moving a jumper from one location to another.  
12 BellSouth can do it, AT&T can do it, and MCI can do it. As of November  
13 2003, there are 1,112 lines in Kentucky served by a combination of a  
14 BellSouth unbundled loop (SL-1, SL-2 and UCL-ND) and a CLEC's switch,  
15 which demonstrates without doubt that BellSouth has a hot cut process that  
16 works.

17

18 The case is also simple because it is familiar to this Commission. The  
19 Commission expended a great deal of time and energy reviewing the  
20 provisioning of hot cuts in the Section 271 case (Case No. 2001-105). That  
21 work will inform and facilitate its decision-making in this case.

22

23 Q. WHO ARE THE BELL SOUTH WITNESSES THAT WILL TESTIFY  
24 ABOUT THE HOT CUT PROCESS?

25

1 A. There are a number of witnesses. Mr. Ken Ainsworth explains BellSouth's hot  
2 cut process that handles both the migration from a BellSouth retail customer to  
3 an Unbundled Network Element – Loop ("UNE-L") terminating in a CLEC's  
4 collocation space and the migration of a UNE-P to a UNE-L. Mr. Ainsworth  
5 also addresses BellSouth's seamless and cost-effective batch hot cut process as  
6 well as the ability of BellSouth's centers to manage the volume of hot cuts that  
7 may need to be performed if local circuit switching is no longer a UNE.

8  
9 Mr. Ron Pate provides testimony that explains the ordering process BellSouth  
10 has developed for UNE-P to UNE-L Bulk Migration/batch hot cut process  
11 when CLECs migrate existing multiple UNE-P customers to UNE-L.

12  
13 Mr. Al Heartley testifies that the BellSouth Network Services organization is  
14 prepared to handle the batch hot cut process as well the volume of hot cuts that  
15 may need to be performed if local circuit switching is no longer a UNE.

16  
17 Mr. Milton McElroy provides testimony that presents evidence that  
18 BellSouth's Bulk Migration Process of moving UNE-Ps to UNE-Ls is both  
19 seamless and effective. The evidence is based upon testing performed by  
20 PriceWaterhouseCoopers.

21  
22 Given the simple process, it should be clear that BellSouth can perform hot  
23 cuts in sufficient volumes, and with sufficient speed and accuracy, to allow  
24 CLECs to compete using UNE-L. BellSouth's witnesses will demonstrate that  
25 BellSouth absolutely can execute hot cuts in this manner, and as Mr. Varner

1 will explain, BellSouth's performance measurements and data demonstrate its  
2 ability to do so.

3

4 Q. GIVEN THIS COMMISSION'S EXTENSIVE EXPERIENCE WITH HOT  
5 CUTS, WHY IS BELL SOUTH DEVOTING SO MUCH TESTIMONY TO  
6 THIS ISSUE?

7

8 A. BellSouth would prefer not to do so. However, when faced with the  
9 overwhelming evidence regarding actual facilities-based competition that  
10 exists in Kentucky and the geographic areas where the FCC's triggers are met,  
11 the CLECs are likely to want to divert the Commission's attention by focusing  
12 on the hot cut process. When faced with this straightforward issue, the CLECs  
13 have resorted to delay and obstruction. For example, in New York's Bulk  
14 Migration/Hot Cuts proceeding (Case No. 02-C-1425), in an obviously circular  
15 argument, AT&T contended that "until Verizon demonstrates that it can  
16 execute a hot cut process at high volumes, we do not have a process that can  
17 handle mass market volumes in a post UNE-P world." (Falcone Testimony,  
18 Case No. 02-C-1425, filed October 24, 2003, at p. 78.) Of course, so long as  
19 UNE-P exists, CLECs have no incentive to order UNE-L, making AT&T's  
20 purported threshold impossible to meet. To further delay, AT&T has argued  
21 that state commissions must first adopt a hot cut process, but "refrain from  
22 approving those processes until appropriate metrics have been developed and  
23 approved." (Nurse Testimony, Case No. 02-C-1425, filed October 24, 2003, at  
24 pp. 8-9.) AT&T, of course, is counting on months of delay from extended  
25 negotiations about performance measures.



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To complicate and obscure the straightforward issue, certain CLECs, and specifically AT&T in proceedings before the FCC, have argued, and will probably argue here, that until BellSouth makes changes to its network that would cost billions of dollars, no adequate hot cut process is possible. An adequate process, according to AT&T, will require “some form of electronic, not manual, loop provisioning.” The FCC already rejected AT&T’s proposal, but BellSouth anticipates with near certainty that AT&T intends to advance this very same tired old argument again. The CLECs’ suggestion that BellSouth must overhaul its existing network to provide electronic loop provisioning prior to a state commission finding that BellSouth, or any ILEC, has an adequate hot cut process, whether “batch” or otherwise, is what this Commission can expect to hear. As a result, BellSouth offers extensive testimony from Messrs. Ainsworth, Varner, Pate and Heartley regarding the hot cut issues to demonstrate that nothing more is necessary.

**Q. HAS THIS COMMISSION PREVIOUSLY REVIEWED THE ISSUE OF BELLSOUTH’S HOT CUT PROCESS? IF SO, WHAT WAS ITS DETERMINATION?**

**A. Yes. This Commission reviewed BellSouth’s individual hot cut process during BellSouth’s 271 proceeding and UNE Cost proceeding. In Case No. 2001-105, the Commission determined that BellSouth met the requirements of Section 271 of the Act. In the UNE Cost proceeding (Case No. 382), the Commission approved the TELRIC-based nonrecurring rates applicable to hot cuts.**

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Q. IN THE *TRO*, WHAT DID THE FCC REQUIRE STATE COMMISSIONS TO DO WITH RESPECT TO HOT CUTS?

A. The FCC held that the state commissions must adopt and implement a batch hot cut process within 9 months of the effective date of the Order. *See TRO* ¶423 (“specifically, we ask the state commissions, within nine months of the effective date of this Order, to approve and implement a batch cut migration process – a seamless, low-cost process for transferring large volumes of mass market customers – or to issue detailed findings that a batch cut process is unnecessary in a particular market because incumbent LEC hot cut processes do not give rise to impairment in that market.”); 47 C.F.R. 51.319(d)(2)(ii) (“the state commission *shall*...establish an incumbent LEC batch cut process...”). Thus, at the conclusion of this proceeding, this Commission must order a batch hot cut process.

Q. HAS BELLSOUTH DEVELOPED SUCH A PROCESS?

A. Yes. As BellSouth witnesses Ainsworth, Pate and Heartley explain, BellSouth has developed and implemented a bulk migration process that meets the concerns expressed by the FCC.

Q. WHAT RATES DOES BELLSOUTH PROPOSE FOR THE BULK MIGRATION HOT CUT PROCESS?

1 A. In the *TRO*, the FCC suggested that the batch hot cut rates “should reflect the  
2 efficiencies associated with batched migration of loops to a competitive LEC’s  
3 switch, either through a reduced per-line rate or through volume discounts.”  
4 (*TRO* ¶ 489). For batch hot cuts, BellSouth proposes a 10% discount of the  
5 total amount of the Commission approved nonrecurring UNE rates of the  
6 elements applicable for individual hot cuts.<sup>2</sup> Based on a recent cost study,  
7 BellSouth determined that the nonrecurring cost for certain elements in  
8 connection with the batch hot cut process are actually lower than the ordered  
9 rate with the 10% discount. For those elements where the batch hot cut cost  
10 study results are lower than the discounted rate, BellSouth proposes to charge  
11 the CLECs the lower rate produced by the cost study. Attached is Exhibit  
12 KKB-4 that provides the rates BellSouth proposes for its batch hot cut process.

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14 Q. DO UNE LOOP NONRECURRING CHARGES CONSTITUTE AN  
15 ECONOMIC BARRIER?

16  
17 A. No. This Commission approved the UNE loop prices currently charged by  
18 BellSouth in the UNE Cost proceeding. BellSouth’s proposal to offer a 10%  
19 discount off these nonrecurring prices when CLECs use the batch hot cut  
20 process is an incentive for CLECs to use that process.

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22

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<sup>2</sup> BellSouth will apply the net 10% discount to the Service Level 1 (SL1) loop, the Service Level 2 (SL2) loop and the Unbundled Copper Loop - Non-designed (UCL-ND) nonrecurring rate.

COLLOCATION

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Q. PLEASE DESCRIBE THE FIFTH MAJOR AREA OF BELLSOUTH'S TESTIMONY ADDRESSING COLLOCATION.

A. As BellSouth witness Mr. Wayne Gray explains, physical collocation space is available in all of BellSouth's Kentucky central offices. In rare circumstances where physical collocation may not be available in the future, CLECs may elect either adjacent or virtual collocation. Through the testimony of Mr. Gray and Mr. Varner, BellSouth demonstrates that, over the past year, BellSouth has achieved outstanding performance in meeting the collocation provisioning intervals established by this Commission. A CLEC's ability to obtain collocation space is not a barrier to entry in BellSouth's markets.

Q: PLEASE SUMMARIZE YOUR TESTIMONY.

A. I anticipate that the CLECs will contest the issues in this proceeding in every way possible and throw road block after road block in the path of progress toward real competition in the telecommunications industry in Kentucky. However, the simple truth of the matter is that facilities-based competition has arrived in Kentucky and has been in place for some time. Those CLECs who have chosen to invest in the state of Kentucky have put in switches and are serving mass market customers in a number of geographic areas in the state, while other CLECs want to continue to provide services using nothing but BellSouth's network. Requiring BellSouth to provide unbundled switching at

1           artificially-low TELRIC prices, as is presently the case, creates disincentives  
2           for CLECs to invest in Kentucky, which no doubt explains why there is not  
3           more facilities-based competition than there is now. It is time to take the next  
4           step and begin weaning carriers like MCI and AT&T from the below-cost  
5           switching that BellSouth is currently required to offer, and time to compel  
6           these and other companies to make real investments in Kentucky that will be of  
7           real benefit over time. Any argument that BellSouth's "hot cut" process is to  
8           blame is simply a red herring. Thousands and thousands of lines have been  
9           moved from BellSouth's switches to CLEC switches. The Commission has  
10          looked at BellSouth's hot cut process and found it sufficient to support  
11          BellSouth's entry into the interLATA long distance business. There is no  
12          reason for the Commission to reach a contrary conclusion here.

13

14    Q.     DOES THIS CONCLUDE YOUR TESTIMONY?

15

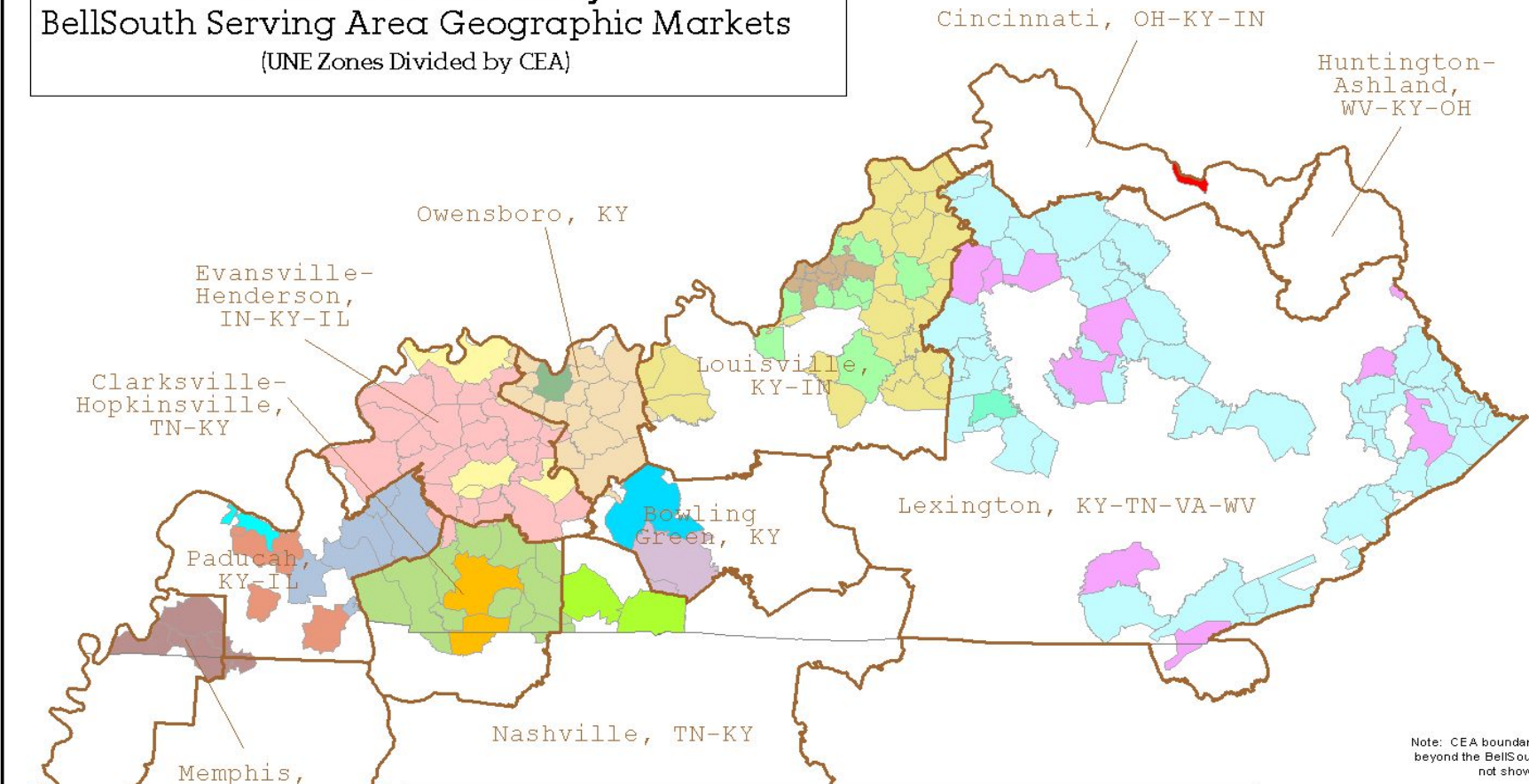
16    A.     Yes.

17

18

19    (#521495)

**State of Kentucky**  
**BellSouth Serving Area Geographic Markets**  
 (UNE Zones Divided by CEA)



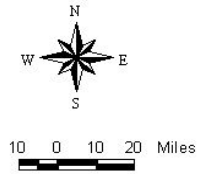
**LEGEND**

- CEA Boundary
- State Boundary

**BellSouth Markets**

- Zone1-Cincinnati OH-KY-IN
- Zone1-Lexington KY-TN-VA-WV
- Zone1-Louisville KY-IN
- Zone1-Owensboro KY
- Zone1-Paducah KY-IL
- Zone2-Bowling Green KY
- Zone2-Clarksville-Hopkinsville TN-KY
- Zone2-Evansville-Henderson IN-KY-IL
- Zone2-Lexington KY-TN-VA-WV
- Zone2-Louisville KY-IN
- Zone2-Paducah KY-IL
- Zone3-Bowling Green KY
- Zone3-Clarksville-Hopkinsville TN-KY
- Zone3-Lexington KY-TN-VA-WV
- Zone3-Louisville KY-IN
- Zone3-Memphis TN-AR-MS-KY
- Zone3-Nashville TN-KY
- Zone3-Owensboro KY
- Zone3-Paducah KY-IL

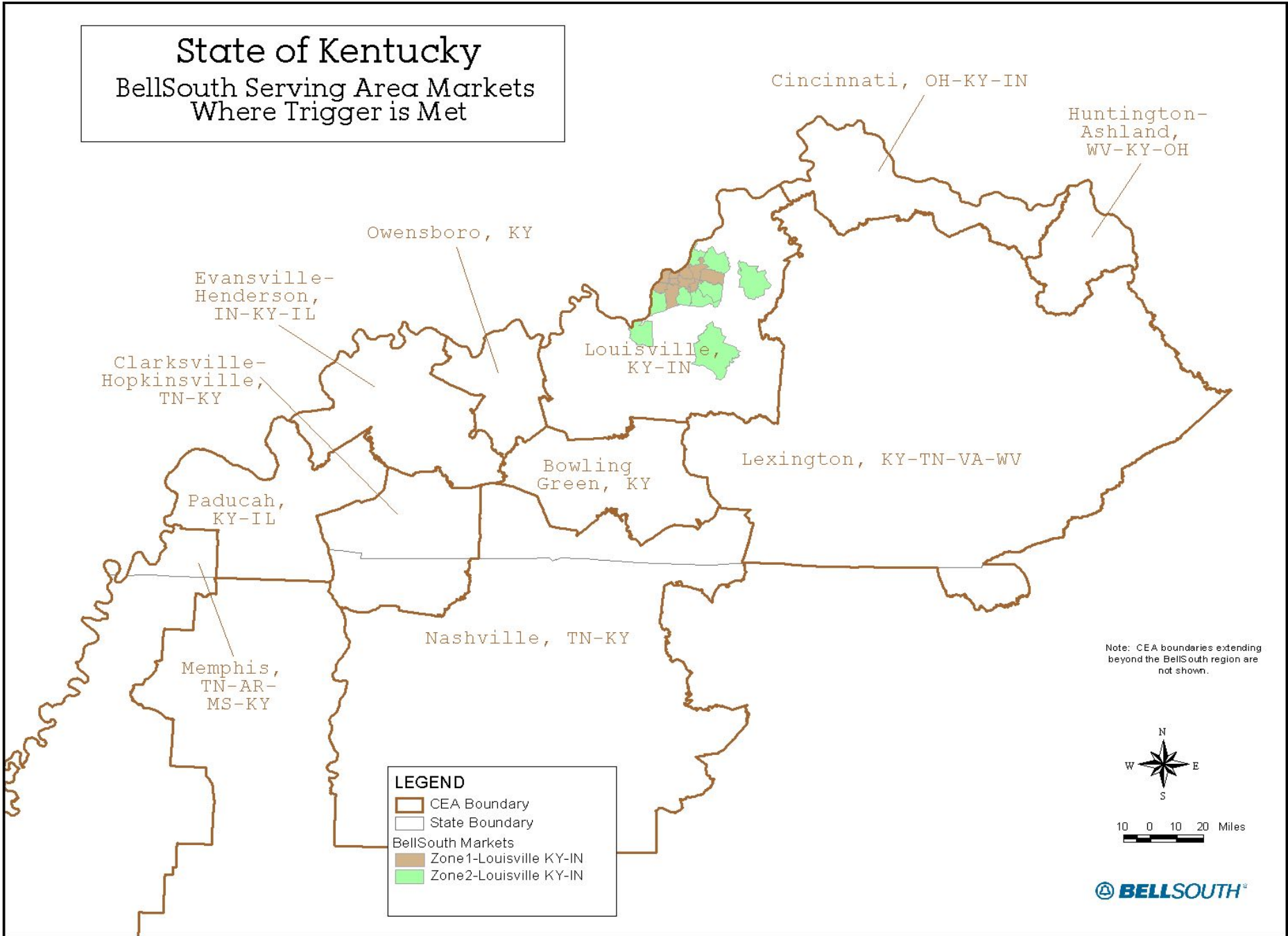
Note: CEA boundaries extending beyond the BellSouth region are not shown.



# State of Kentucky

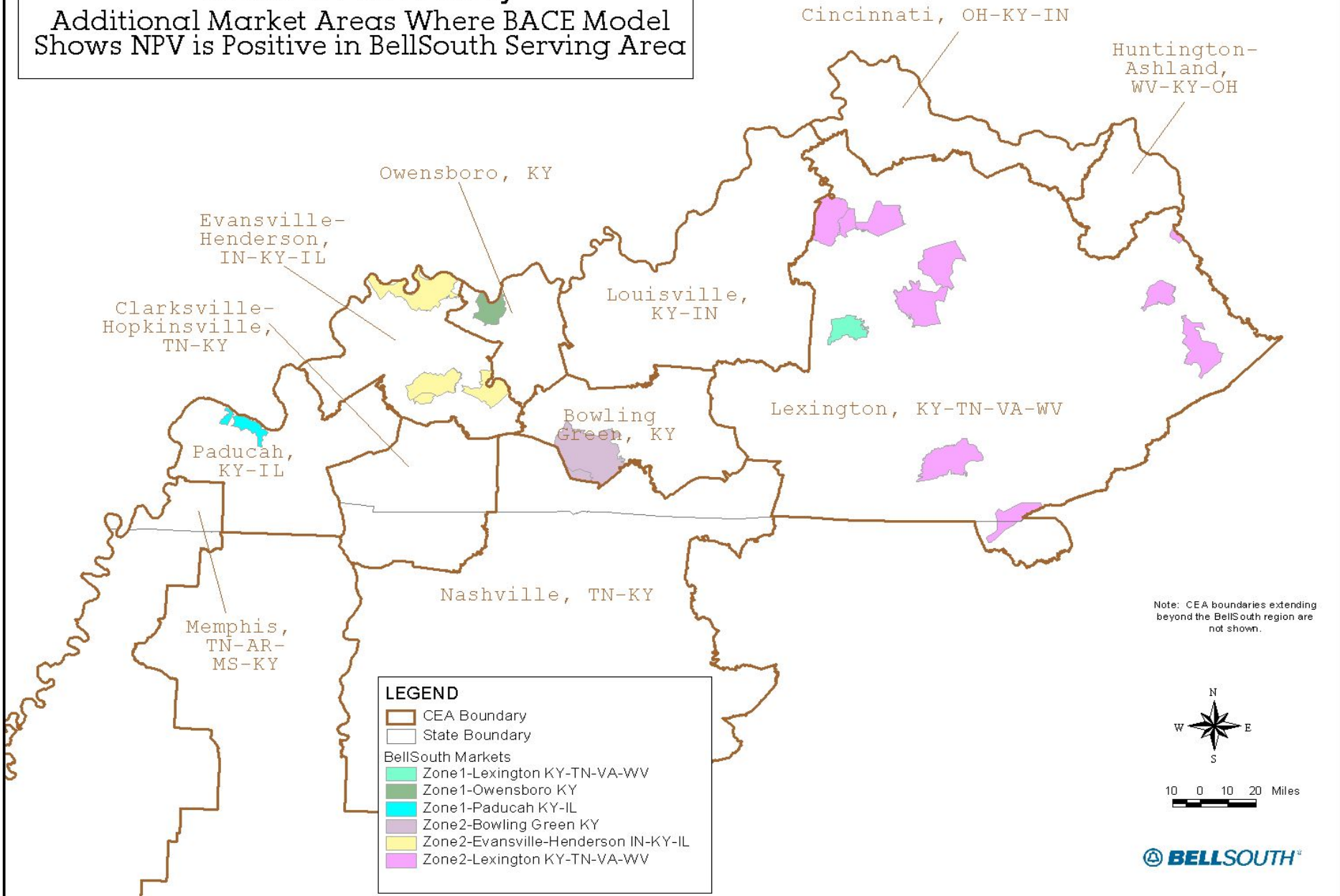
## BellSouth Serving Area Markets

### Where Trigger is Met

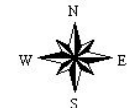


# State of Kentucky

Additional Market Areas Where BACE Model Shows NPV is Positive in BellSouth Serving Area



Note: CEA boundaries extending beyond the BellSouth region are not shown.



10 0 10 20 Miles

**LEGEND**

- CEA Boundary
- State Boundary
- BellSouth Markets**
- Zone 1 - Lexington KY-TN-VA-WV
- Zone 1 - Owensboro KY
- Zone 1 - Paducah KY-IL
- Zone 2 - Bowling Green KY
- Zone 2 - Evansville-Henderson IN-KY-IL
- Zone 2 - Lexington KY-TN-VA-WV



**KENTUCKY - Nonrecurring Rates**

Cost Ref. No.	Rate Elements	Current Rates		Proposed BHC Rates	
		First Loop	Addtl Loop	First Loop	Addtl Loop
<b>SL1 Loop with Order Coordination</b>					
A.1.1	SL1 Loop NRC	\$46.66	\$22.57	\$37.84	\$17.05
N.1.5	Order Coordination	\$9.00	\$9.00	\$9.00	7.66*
N.1.1	Electronic Service Order	\$7.88	\$0.00	\$7.88	\$0.00
H.1.9	2-Wire Cross Connect	\$24.68	\$23.68	\$24.68	\$23.68
	<b>TOTAL SL1 Loop Hot Cut</b>	<b>\$88.22</b>	<b>\$55.25</b>	<b>\$79.40</b>	<b>\$48.39</b>
<b>SL2 Loop (Order Coordination included in Loop NRC)</b>					
A.1.2	SL2 Loop NRC	\$134.89	\$81.87	\$118.15	48.63*
N.1.1	Electronic Service Order	\$7.88	\$0.00	\$7.88	\$0.00
H.1.9	2-Wire Cross Connect	\$24.68	\$23.68	\$24.68	\$23.68
	<b>TOTAL SL2 Loop Hot Cut</b>	<b>\$167.45</b>	<b>\$105.55</b>	<b>\$150.71</b>	<b>\$72.31</b>
<b>UCL-ND with Order Coordination</b>					
A.13.12	UCL-ND Loop NRC	\$44.97	\$20.89	\$36.32	\$15.53
N.1.5	Order Coordination	\$9.00	\$9.00	\$9.00	7.66*
N.1.1	Electronic Service Order	\$7.88	\$0.00	\$7.88	\$0.00
H.1.9	2-Wire Cross Connect	\$24.68	\$23.68	\$24.68	\$23.68
	<b>TOTAL UCL-ND Loop Hot Cut</b>	<b>\$86.53</b>	<b>\$53.57</b>	<b>\$77.88</b>	<b>\$46.87</b>

**Notes:** \* Rate based on batch hot cut cost study results