

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	MISSOURI				
2	St. Louis City				
3	Campbell	Trans. Unattended	352.50	141.00	
4					
5	Aldine	Dist. Unattended	34.50	4.16	
6	Ashley	Dist. Unattended	138.00	13.80	
7					
8	Baden	Dist. Unattended	34.50	4.16	
9	Barton	Dist. Unattended	34.50	13.80	
10	Bates	Dist. Unattended	34.50	4.16	
11	Blair	Dist. Unattended	34.50	4.16	
12	Carondelet-14	Dist. Unattended	34.50	13.80	
13	Carondelet-4	Dist. Unattended	34.50	4.16	
14	Cass	Dist. Unattended	34.50	4.16	
15	Catalan	Dist. Unattended	34.50	4.16	
16	Central	Dist. Unattended	138.00	34.50	
17					
18	Cherokee	Dist. Unattended	34.50	4.16	
19	Chippewa	Dist. Unattended	34.50	4.16	
20	Chouteau	Dist. Unattended	34.50	4.16	
21	Cofe	Dist. Unattended	34.50	13.80	
22	Cologne	Dist. Unattended	34.50	4.16	
23	Connecticut	Dist. Unattended	34.50	4.16	
24	Duncan	Dist. Unattended	34.50	4.16	
25	Ellendale	Dist. Unattended	34.50	4.16	
26	Enright	Dist. Unattended	34.50	4.16	
27	Euclid	Dist. Unattended	138.00	34.50	
28	Folsom	Dist. Unattended	34.50	4.16	
29	Geraldine	Dist. Unattended	34.50	4.16	
30	Gimblin	Dist. Unattended	34.50	4.16	
31	Goodfellow	Dist. Unattended	34.50	4.16	
32	Gratiot	Dist. Unattended	138.00	13.80	
33					
34	Gustine	Dist. Unattended	34.50	4.16	
35	Hall Street	Dist. Unattended	138.00	34.50	
36	Hampton	Dist. Unattended	34.50	4.16	
37	Hickory	Dist. Unattended	34.50	4.16	
38	Humboldt	Dist. Unattended	34.50	4.16	
39	Jamieson	Dist. Unattended	34.50	4.16	
40	Kingsbury	Dist. Unattended	34.50	4.16	

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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
560	1					3
						4
26	2					5
168	3		Capacitor	36	14	6
			Capacitor	36	14	7
25	4					8
67	3					9
28	2					10
40	3					11
28	2					12
28	2					13
40	3					14
14	1					15
336	3		Capacitor	72	29	16
			Capacitor	72	29	17
42	3					18
42	3					19
28	2					20
60	3					21
28	2					22
28	2					23
38	3					24
13	1					25
41	3					26
336	2		Capacitor	72	29	27
40	3					28
27	2					29
14	1					30
14	1					31
168	3	1	Capacitor	48	14	32
			Capacitor	48	14	33
25	2					34
224	2		Capacitor	72	29	35
25	2					36
28	2					37
12	1					38
14	1					39
25	2					40

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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	St. Louis City (Continued)				
2	Laclede	Dist. Unattended	34.50	4.16	
3	Leona	Dist. Unattended	34.50	4.16	
4	Lesperance	Dist. Unattended	34.50	4.16	
5	Loughborough	Dist. Unattended	34.50	4.16	
6	Macklind	Dist. Unattended	34.50	4.16	
7	Magnolia	Dist. Unattended	34.50	4.16	
8	McCausland	Dist. Unattended	34.50	4.16	
9	McPherson	Dist. Unattended	34.50	4.16	
10	Mullanphy	Dist. Unattended	34.50	4.16	
11	Newstead	Dist. Unattended	34.50	4.16	
12	Northland	Dist. Unattended	34.50	4.16	
13	Pernod	Dist. Unattended	34.50	4.16	
14	Poplar	Dist. Unattended	138.00	13.80	
15					
16	Potomac	Dist. Unattended	34.50	4.16	
17	Prairie	Dist. Unattended	34.50	4.16	
18	Russell	Dist. Unattended	138.00	34.50	
19	Shreve	Dist. Unattended	34.50	4.16	
20	Sigma	Dist. Unattended	34.50	4.16	
21	South Broadway	Dist. Unattended	34.50	4.16	
22	Sulphur	Dist. Unattended	34.50	4.16	
23	Tamm	Dist. Unattended	34.50	4.16	
24	Vandeventer	Dist. Unattended	34.50	4.16	
25	Vernon	Dist. Unattended	34.50	4.16	
26	Vista	Dist. Unattended	34.50	4.16	
27	St. Louis County				
28	Meramec	Trans.(PP)* Attended	17.10	138.00	
29			15.70	138.00	
30			15.20	138.00	
31			138.00	4.16	
32			15.70	4.16	
33			15.20	4.16	
34			17.10	4.16	
35	Meramec 1 - Combustion Turbine	Unattended	13.20	138.00	
36	Meramec 2 - Combustion Turbine	Unattended	13.80	138.00	
37	Mason, Nr. Creve Coeur	Trans. Unattended	352.50	141.00	14.10
38			352.50	141.00	
39	Page, Wellston	Trans. Attended	110.00	13.80	
40	Wildwood, Wildwood	Trans. Attend	345.00	138.00	

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5. Show in columns (i), (j), (k) and (l) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.							
6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.							
Line No.	Capacity of Substation (in MVA) (i)	Number of Transformers in Service (j)	Number of Spare Transformers (k)	Type of Equipment (l)	Number of Units (m)	Total Capacity (in MVA) (n)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT
1							
2	28	2					
3	11	1					
4	41	3					
5	26	2					
6	40	3					
7	25	2					
8	42	3					
9	28	2					
10	28	2					
11	28	2					
12	40	3					
13	13	2					
14	180	2		Capacitor	36	14	
15							
16	14	1					
17	27	2					
18	504	3		Capacitor	72	25	
19	12	1					
20	14	1					
21	28	2					
22	14	1					
23	28	2					
24	13	1					
25	12	1					
26	28	2					
27							
28	420	2					
29	300	2					
30	325	1					
31	50	3					
32	30	2					
33	32	2					
34	32	2					
35	60	1					
36	70	1					
37	560	1					
38	1120	2					
39	75	6					
40	560	1					

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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	MISSOURI (CONTINUED)				
2	St. Louis County (Continued)				
3	Afton, Afton	Dist. Unattended	34.50	4.16	
4	Allen, Nr. Berkeley	Dist. Unattended	34.50	4.16	
5	Ashby, Nr. Overland	Dist. Unattended	34.50	4.16	
6	Audubon, Nr. Brentwood	Dist. Unattended	34.50	4.16	
7	Babler, Nr. Wildwood	Dist. Unattended	138.00	34.50	
8					
9	Ballas, Nr. Town & Country	Dist. Unattended	34.50	12.47	
10					
11	Baumgartner, Nr. Oakville	Dist. Unattended	138.00	34.50	
12	Baxter, Nr. Ballwin	Dist. Unattended	34.50	12.47	
13	Berkeley, Berkeley	Dist. Unattended	138.00	34.50	
14					
15					
16					
17	Berry, Nr. Oakland	Dist. Unattended	34.50	4.16	
18	Black Jack, Black Jack	Dist. Unattended	34.50	12.47	
19	Bowles, Nr. Fenton	Dist. Unattended	34.50	12.47	
20	Brentwood, Brentwood	Dist. Unattended	34.50	4.16	
21	Brown, Nr. Berkeley	Dist. Unattended	34.50	4.16	
22	Carrollton, Nr. Bridgeton	Dist. Unattended	138.00	34.50	
23	Carson, Nr. Bel-Ridge	Dist. Unattended	34.50	4.16	
24	Castlewood, Nr. Ballwin	Dist. Unattended	34.50	12.47	
25	Clarkson, Nr. Chesterfield	Dist. Unattended	138.00	12.47	
26	Clayton, Clayton	Dist. Unattended	34.50	4.16	
27	Clayton-12, Clayton	Dist. Unattended	34.50	12.47	
28	Clydesdale, Nr. Lemay	Dist. Unattended	34.50	12.47	
29	Concord, Nr. Concord Village	Dist. Unattended	34.50	12.47	
30	Conway, Nr. Creve Coeur	Dist. Unattended	138.00	34.50	
31					
32					
33	Cool Valley, Cool Valley	Dist. Unattended	34.50	4.16	
34	Craig, Nr. Creve Coeur	Dist. Unattended	34.50	12.47	
35	Crestwood, Crestwood	Dist. Unattended	34.50	12.47	
36	Creve Coeur, Creve Coeur	Dist. Unattended	34.50	12.47	
37	Cross Keys, Nr. Florissant	Dist. Unattended	34.50	12.47	
38					
39	Dale, Nr. Richmond Heights	Dist. Unattended	34.50	4.16	
40	Dellwood, Dellwood	Dist. Unattended	34.50	4.16	

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SUBSTATIONS (Continued)

5. Show in columns (f), (g), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
28	2					3
14	1					4
14	1					5
13	1					6
167	2		Capacitor	84	8	7
			Capacitor	84	8	8
67	3		Capacitor	60	9	9
			Capacitor	84	8	10
224	2					11
67	3					12
412	4		Capacitor	300	29	13
			Capacitor	192	29	14
			Capacitor	150	29	15
			Capacitor	150	29	16
12	1					17
45	2					18
23	1					19
25	2					20
28	2					21
336	2		Capacitor	72	29	22
14	1					23
45	2					24
67	2					25
41	3					26
22	1					27
14	1					28
45	2					29
448	4		Capacitor	144	29	30
			Capacitor	144	29	31
			Capacitor	144	29	32
27	2					33
67	3					34
45	2					35
22	1					36
57	3		Capacitor	84	8	37
			Capacitor	54	8	38
13	1					39
28	2					40

Line No.	Name and Location of Substation	Character of Substation	VOLTAGE (in MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	MISSOURI (CONTINUED)				
2	St. Louis County (Continued)				
3	Delmar, Nr. University City	Dist. Unattended	34.50		4.16
4	Des Peres, Des Peres	Dist. Unattended	34.50		12.47
5	Dorset, Nr. Maryland Heights	Dist. Unattended	138.00		12.47
6	Dougherty Ferry, Nr. Kirkwood	Dist. Unattended	34.50		12.47
7	Dyer, Nr. Overland	Dist. Unattended	34.50		4.16
8	Eager, Geraldine	Dist. Unattended	34.50		12.47
9	Earth City, Nr. Bridgeton	Dist. Unattended	34.50		12.47
10	Eatherton, Nr. Pond	Dist. Unattended	138.00		12.47
11	Edmundson, Edmundson	Dist. Unattended	34.50		4.16
12	Ellisville, Ellisville	Dist. Unattended	34.50		12.47
13	Elm, Nr. Webster Groves	Dist. Unattended	34.50		4.16
14	Emerson, Nr. Ferguson	Dist. Unattended	34.50		4.16
15	Eureka, Eureka	Dist. Unattended	34.50		12.47
16	Fee Fee, Nr. Maryland Heights	Dist. Unattended	34.50		12.47
17	Fenton, Fenton	Dist. Unattended	34.50		12.47
18	Ferguson, Ferguson	Dist. Unattended	34.50		4.16
19	Florissant, Florissant	Dist. Unattended	138.00		12.47
20	Forder, Nr. Mehlville	Dist. Unattended	34.50		12.47
21	Foxboro, Nr. Ladue	Dist. Unattended	34.50		4.16
22	Frontenac, Frontenac	Dist. Unattended	34.50		12.47
23	Frost, Nr. Berkeley	Dist. Unattended	34.50		4.16
24	Glendale, Glendale	Dist. Unattended	34.50		4.16
25	Grandview, Nr. Florissant	Dist. Unattended	34.50		4.16
26	Gravois, Nr. Affton	Dist. Unattended	34.50		4.16
27	Groby, Nr. University City	Dist. Unattended	34.50		4.16
28	Halls Ferry, Nr. Moine Acres	Dist. Unattended	34.50		4.16
29	Hanley, Nr. Maplewood	Dist. Unattended	34.50		4.16
30	Hazelwood, Hazelwood	Dist. Unattended	34.50		12.47
31	Heege, Nr. Affton	Dist. Unattended	34.50		4.16
32	Heintz, Nr. Oakville	Dist. Unattended	34.50		12.47
33	Hoober, Nr. Brentwood	Dist. Unattended	34.50		4.16
34	Howard Bend, Nr. Chesterfield	Dist. Unattended	13.20		34.40
35	Howdershell, Nr. Florissant	Dist. Unattended	34.50		12.47
36	Hunter, Nr. Ladue	Dist. Unattended	138.00		34.50
37	Jackson, Nr. University City	Dist. Unattended	34.50		4.16
38	Jamestown, Nr. Spanish Lake	Dist. Unattended	34.50		12.47
39	Jennings, Jennings	Dist. Unattended	34.50		4.16
40	Kinloch, Kinloch	Dist. Unattended	34.50		4.16

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4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

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SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
28	2					3
45	2					4
67	2					5
26	2					6
28	2					7
22	1					8
45	2					9
33	1					10
25	4					11
67	3					12
28	2					13
12	2					14
28	2					15
42	3					16
45	2					17
27	2					18
67	2					19
45	2					20
13	2					21
22	1					22
14	1					23
28	2					24
25	2					25
27	2					26
27	2					27
28	2					28
42	3					29
45	2					30
14	1					31
45	2					32
14	1					33
49	1					34
22	1					35
336	2		Capacitor	36		17 36
25	2					37
28	2					38
41	3					39
14	1					40

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Lackland, Nr. Olivette	Dist. Unattended	34.50	12.47	
2	MISSOURI (CONTINUED)				
3	St. Louis County (Continued)				
4	Lakeshire, Nr. Affton	Dist. Unattended	138.00	34.50	
5	Lambert, Nr. Robertson	Dist. Unattended	34.50	4.16	
6	Landwehr, Nr. Bellefontaine Neighbors	Dist. Unattended	34.50	4.16	
7	Larimore, Nr. Bellefontaine Neighbors	Dist. Unattended	34.50	12.47	
8	Lemay, Lemay	Dist. Unattended	138.00	34.50	
9	Lenox, Nr. Webster Groves	Dist. Unattended	34.50	4.16	
10	Lilac, Nr. Riverview Gardens	Dist. Unattended	34.50	4.16	
11	Lockwood, Nr. Webster Groves	Dist. Unattended	34.50	4.16	
12	Luxemburg, Luxemburg	Dist. Unattended	34.50	4.16	
13	Maline, Nr. Bellefontaine Neighbors	Dist. Unattended	138.00	34.50	
14					
15	Manchester, Manchester	Dist. Unattended	34.50	12.47	
16	Manor, Nr. Bellefontaine Neighbors	Dist. Unattended	34.50	4.16	
17	Maplewood, Maplewood	Dist. Unattended	34.50	4.16	
18	Marshall, Nr. Kirkwood	Dist. Unattended	138.00	34.50	
19					
20	Maryville, Nr. Chesterfield	Dist. Unattended	34.50	12.47	
21	Mason, Nr. Maryland Heights	Dist. Unattended	138.00	34.50	
22	McKelvey, Nr. Bridgeton	Dist. Unattended	34.50	12.47	
23	McKnight, Nr. Ladue	Dist. Unattended	34.50	4.16	
24	Midland, Nr. Overland	Dist. Unattended	34.50	4.16	
25	Murat, Nr. Moline Acres	Dist. Unattended	34.50	4.16	
26	Natural Bridge, Nr. Bridgeton	Dist. Unattended	34.50	12.47	
27	Oakville, Oakville	Dist. Unattended	34.50	12.47	
28	Olive, Nr. Creve Coeur	Dist. Unattended	34.50	12.47	
29	Orchard Gardens, Manchester	Dist. Unattended	138.00	12.47	
30	Page, Nr. Wellston	Dist. Unattended	138.00	34.50	
31					
32		Dist. Attended	138.00	13.80	
33					
34					
35			34.50	13.80	
36	Parker, Nr. Bellefontaine Neighbors	Dist. Unattended	34.50	12.47	
37	Pasadena, Nr. Northwoods	Dist. Unattended	34.50	4.16	
38	Patterson, Nr. Florissant	Dist. Unattended	34.50	12.47	
39	Pattonville, Pattonville	Dist. Unattended	34.50	12.47	
40	Pine Lawn, Pine Lawn	Dist. Unattended	34.50	4.16	

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
22	1					1
						2
						3
336	2		Capacitor	72	29	4
28	2					5
12	1					6
45	2					7
400	2		Capacitor	72	29	8
28	2					9
28	2					10
28	2					11
28	2					12
448	4		Capacitor	72	29	13
			Capacitor	144	29	14
45	2					15
11	1		Capacitor	168	17	16
14	1					17
448	4		Capacitor	72	29	18
			Capacitor	72	29	19
45	2					20
224	2		Capacitor	72	29	21
45	2					22
28	2					23
26	2					24
14	1					25
22	1					26
15	1					27
22	1					28
67	2					29
300	3		Capacitor	72	29	30
			Capacitor	72	29	31
112	6		Frequency Chg.	1	29	32
			Frequency Chg.	2	29	33
			Frequency Chg.	3	27	34
39	3	1				35
28	2					36
28	2					37
45	2					38
67	3		Capacitor	168	17	39
12	1					40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Pond, Pond	Dist. Unattended	34.50	12.47	
2	MISSOURI (CONTINUED)				
3	St. Louis County (Continued)				
4	Price, Nr. Olivette	Dist. Unattended	34.50	4.16	
5	Quad, Nr. Hazelwood	Dist. Unattended	34.50	12.47	
6	Reavis, Nr. Mehlville	Dist. Unattended	34.50	12.47	
7	Ringer, Nr. Mehlville	Dist. Unattended	138.00	12.47	
8	Ripa, Nr. Lemay	Dist. Unattended	34.50	4.16	
9	Riverport, Nr. Maryland Heights	Dist. Unattended	34.50	12.47	
10	River Roads, Nr. Jennings	Dist. Unattended	34.50	4.16	
11	Robertson, Robertson	Dist. Unattended	34.50	12.47	
12	Rock Hill, Rock Hill	Dist. Unattended	34.50	4.16	
13	Rockwood, Nr. Ellisville	Dist. Unattended	138.00	34.50	
14	Rudder, Nr. Fenton	Dist. Unattended	138.00	12.47	
15	St. Ann, St. Ann	Dist. Unattended	34.50	12.47	
16	St. John, St. John	Dist. Unattended	34.50	4.16	
17	St. Louis International, Nr. Berkeley	Dist. Unattended	34.50	4.16	
18	Sappington, Sappington	Dist. Unattended	34.50	12.47	
19	Schoettler, Nr. Creve Coeur	Dist. Unattended	34.50	12.47	
20	Schuetz, Nr. Creve Coeur	Dist. Unattended	138.00	12.47	
21	Shackelford, Nr. Florissant	Dist. Unattended	34.50	12.47	
22	Six Flags, Nr. Allenton	Dist. Unattended	34.50	12.47	
23	Spanish Lake, Spanish Lake	Dist. Unattended	34.50	12.47	
24	Stratman, Nr. Creve Coeur	Dist. Unattended	34.50	4.16	
25	Sunset, Nr. Sunset Hills	Dist. Unattended	34.50	12.47	
26	Taussig, Nr. Bridgeton	Dist. Unattended	34.50	12.47	
27	Taylor, Nr. Florissant	Dist. Unattended	34.50	4.16	
28	Telegraph, Nr. Jefferson Barracks	Dist. Unattended	34.50	12.47	
29	Tesson, Nr. Sunset Hills	Dist. Unattended	34.50	12.47	
30	Valley Park, Valley Park	Dist. Unattended	34.50	12.47	
31	Vinita, Nr. Vinita Terrace	Dist. Unattended	34.50	4.16	
32	Waldron, Nr. University City	Dist. Unattended	34.50	4.16	
33	Warson, Nr. Olivette	Dist. Unattended	138.00	34.50	
34					
35					
36					
37	Waterford, Nr. Florissant	Dist. Unattended	34.50	12.47	
38	Watson, Nr. Shrewsbury	Dist. Unattended	138.00	34.50	
39	Webster Groves, Webster Groves	Dist. Unattended	34.50	4.16	
40					

Name of Respondent UNION ELECTRIC COMPANY	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
45	2					1
						2
						3
25	2					4
28	2					5
14	1					6
67	2					7
14	1					8
22	1					9
27	2					10
45	2		Capacitor	84	8	11
27	2					12
224	2					13
67	2					14
22	1					15
28	2					16
28	2					17
49	3					18
45	2					19
67	2					20
26	2					21
45	2					22
14	1					23
26	2					24
26	2					25
45	2					26
28	2					27
45	2					28
45	2					29
45	2					30
25	2					31
14	1					32
412	4		Capacitor	300	29	33
			Capacitor	192	29	34
			Capacitor	72	29	35
			Capacitor	72	29	36
22	1					37
300	3		Capacitor	72	29	38
28	2					39
						40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2	MISSOURI (CONTINUED)				
3	St. Louis County (Continued)				
4	Weil, Nr. Shrewsbury	Dist. Unattended	34.50	4.16	
5	Wild Horse, Nr. Chesterfield	Dist. Unattended	34.50	12.47	
6	Will, Nr. Mehlville	Dist. Unattended	34.50	12.47	
7	Woods Mill, Nr. Creve Coeur	Dist. Unattended	34.50	12.47	
8	Woodson, Nr. Overland	Dist. Unattended	34.50	4.16	
9	Yaeger, Nr. Oakville	Dist. Unattended	34.50	12.47	
10	Yorkshire, Nr. Wabster Groves	Dist. Unattended	34.50	4.16	
11					
12					
13	Franklin District				
14					
15	Labadie, Labadie	Trans.(PP) *Attended	19.00	348.50	
16			19.00	357.21	
17	Gray Summit, Gray Summit	Trans. Unattended	352.50	141.00	
18					
19	Bourbeuse, Nr. Union	Dist. Unattended	34.50	12.47	
20	Brush Creek, Nr. Pacific	Dist. Unattended	34.50	12.47	
21	Catawissa, Catawissa	Dist. Unattended	34.50	12.47	
22	Diamonds, Nr. Pacific	Dist. Unattended	34.50	12.47	
23	Franklin, Nr. Union	Dist. Unattended	138.00	34.50	
24	Lonedell, Lonedell	Dist. Unattended	34.50	12.47	
25	Madison, Nr. Washington	Dist. Unattended	34.50	12.47	
26	Newport, Newport	Dist. Unattended	34.50	12.47	
27	Pacific, Pacific	Dist. Unattended	34.50	12.47	
28	Phelps, Nr. Rolla	Dist. Unattended	138.00	34.50	
29	St. Albans, Nr. Labadie	Dist. Unattended	34.50	12.47	
30	St. Clair, St. Clair	Dist. Unattended	34.50	12.47	
31	South Washington, Nr. Washington	Dist. Unattended	34.50	12.47	
32	Union, Union	Dist. Unattended	34.50	12.47	
33	Washington, Washington	Dist. Unattended	34.50	12.47	
34					
35					
36					
37					
38					
39					
40					

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
14	1					4
45	2					5
25	2					6
67	3					7
27	2					8
22	1					9
28	2					10
						11
						12
						13
						14
2010	3	1			705	15
755	1					16
560	1					17
						18
36	2					19
28	2					20
37	2					21
45	2					22
252	3		Capacitor	144	58	23
45	2					24
28	2					25
45	2					26
25	2					27
198	2	1				28
14	1					29
45	2					30
45	2					31
26	2					32
13	1					33
						34
						35
						36
						37
						38
						39
						40

Name of Respondent UNION ELECTRIC COMPANY		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
SUBSTATIONS					
<p>1. Report below the information called for concerning substations of the respondent as of the end of the year.</p> <p>2. Substations which serve only one industrial or street railway customer should not be listed below.</p> <p>3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.</p> <p>4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).</p>					
Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2	MISSOURI (CONTINUED)				
3	Jefferson District				
4					
5	Rush Island, Nr. Crystal City	Trans. (PP) *Attended	17.10	348.50	
6	Tyson, Nr. High Ridge	Trans. Unattended	352.50	141.00	
7					
8					
9	Arnold, Arnold	Dist. Unattended	138.00	34.50	
10	Bailey, Nr. Festus	Dist. Unattended	138.00	34.50	
11	Big River, Nr. Cedar Hill	Dist. Unattended	138.00	34.50	
12	Brennen, Nr. High Ridge	Dist. Unattended	138.00	12.47	
13	Butcher Branch, Hillsboro	Dist. Unattended	34.50	12.47	
14	Bymesville, Nr. Cedar Hill	Dist. Unattended	34.50	12.47	
15	Cedar Hill, Cedar Hill	Dist. Unattended	34.50	12.47	
16	DeSoto, DeSoto	Dist. Unattended	34.50	12.47	
17	Festus, Festus	Dist. Unattended	34.50	12.47	
18	Hematite, Hematite	Dist. Unattended	34.50	12.47	
19	High Ridge, High Ridge	Dist. Unattended	34.50	12.47	
20	Hillsboro, Hillsboro	Dist. Unattended	34.50	12.47	
21	Horine, Nr. Pevely	Dist. Unattended	34.50	12.47	
22	House Springs, House Springs	Dist. Unattended	34.50	12.47	
23	Howe, Nr. Festus	Dist. Unattended	34.50	12.47	
24	Imperial, Imperial	Dist. Unattended	34.50	12.47	
25	Maxville, Maxville	Dist. Unattended	34.50	12.47	
26	Moss Hollow, Nr. Antonia	Dist. Unattended	34.50	12.47	
27	Ottoville, Ottoville	Dist. Unattended	34.50	12.47	
28	Pevely, Pevely	Dist. Unattended	34.50	12.47	
29	Plattin, Nr. DeSoto	Dist. Unattended	34.50	12.47	
30	Rock Creek, Nr. High Ridge	Dist. Unattended	34.50	12.47	
31	Rockport, Nr. Arnold	Dist. Unattended	34.50	12.47	
32	Romaine, Nr. Maxville	Dist. Unattended	34.50	12.47	
33	Sandy Creek, Nr. Pevely	Dist. Unattended	138.00	34.50	
34	Selma, Nr. Crystal City	Dist. Unattended	138.00	34.50	
35	Spring Forest, Nr. Imperial	Dist. Unattended	34.50	12.47	
36	Tenbrook, Nr. Arnold	Dist. Unattended	34.50	12.47	
37	Valles Mines, Valles Mines	Dist. Unattended	34.50	12.47	
38	Wildcat Hollow, Nr. Festus	Dist. Unattended	34.50	12.47	
39					
40					

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
						4
1447	3	1			670	5
1680	3					6
						7
						8
336	3		Capacitor	150	31	9
218	3					10
168	2					11
67	2					12
22	1					13
22	1					14
45	2					15
45	2					16
45	2					17
14	1					18
45	2					19
45	2					20
25	2					21
28	2					22
37	2					23
37	2					24
22	1					25
12	1					26
28	2					27
13	1					28
21	2					29
37	2					30
45	2					31
28	2					32
224	2					33
84	2		Capacitor	144	26	34
37	2					35
45	2					36
14	1					37
14	1					38
						39
						40

Name of Respondant UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (in MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	MISSOURI (CONTINUED)				
4	St. Francois District				
5					
6	Fredericktown, Fredericktown	Trans. Unattended	161.00	138.00	7.20
7	Rivermines, Rivermines	Trans. Unattended	139.20	34.50	
8			132.00	34.50	
9	St. Francois, Nr. Bonne Terre	Trans. Unattended	352.50	141.00	17.20
10					
11					
12	Bonne Terre, Bonne Terre	Dist. Unattended	34.50	12.47	
13	Esther, Esther	Dist. Unattended	138.00	34.50	
14	Farmington, Farmington	Dist. Unattended	34.50	12.47	
15	Fredericktown, Fredericktown	Dist. Unattended	132.00	19.92	
16	Leadington, Nr. Flat River	Dist. Unattended	34.50	12.47	
17	Terre Du Lac, Nr. Bonne Terre	Dist. Unattended	34.50	12.47	
18	Unicity, Nr. Flat River	Dist. Unattended	34.50	12.47	
19					
20					
21					
22					
23					
24	St. Charles District				
25					
26	Sioux, Nr. West Alton	Trans. (PP) *Attended	352.50	138.00	14.10
27			17.10	140.00	
28	Belleau, Nr. St. Charles	Trans. Unattended	352.20	141.00	
29	Dardenne, Nr. O'Fallon	Trans. Unattended	138.00	161.00	4.80
30			138.00	161.00	7.20
31			138.00	161.00	
32					
33	Blanchette, Nr. St. Charles	Dist. Unattended	138.00	34.50	
34	Boonslick, Nr. St. Charles	Dist. Unattended	34.50	12.47	
35	Boschertown, Nr. St. Charles	Dist. Unattended	34.50	12.47	
36	Cave Springs, Cave Springs	Dist. Unattended	34.50	12.47	
37	Droste, Nr. St. Charles	Dist. Unattended	34.50	12.47	
38	Duchesne, Nr. St. Charles	Dist. Unattended	34.50	12.47	
39	Harvester, Harvester	Dist. Unattended	34.50	12.47	
40	Hemsath, Nr. St. Charles	Dist. Unattended	34.50	12.47	

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
						4
						5
336	2					6
56	1		Capacitor	144		7
33	1					8
1120	2					9
						10
						11
45	2					12
168	2					13
27	2					14
33	3	1				15
28	2					16
14	1					17
25	2					18
						19
						20
						21
						22
						23
						24
						25
560	1					26
1344	2					27
560	1					28
150	1					29
168	1					30
280	1					31
						32
112	1					33
22	1					34
14	1					35
45	2					36
45	2					37
22	1					38
45	2					39
45	2					40

Name of Respondent UNION ELECTRIC COMPANY	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Huster, Nr. St. Charles	Dist. Unattended	138.00	34.50	
2	Jungermann, Nr. St. Charles	Dist. Unattended	34.50	12.47	
3	MISSOURI (CONTINUED)				
4	St. Charles District (Continued)				
5					
6	McClay, Nr. Harvester	Dist. Unattended	138.00	34.50	
7	Mark Twain, Nr. St. Charles	Dist. Unattended	34.50	12.47	
8	Park Charles, Nr. St. Charles	Dist. Unattended	34.50	12.47	
9	Portage, Nr. West Alton	Dist. Unattended	138.00	34.50	
10			34.50	12.47	
11	Randolph, Nr. St. Charles	Dist. Unattended	34.50	12.47	
12	St. Charles, St. Charles	Dist. Unattended	34.50	12.47	
13	Towers, Nr. St. Charles	Dist. Unattended	34.50	12.47	
14					
15	Capital District				
16	Callaway, Callaway County	Trans.(PP)* Attended	23.75	345.00	
17	Bland, Nr. Bland	Trans. Unattended	345.00		
18					
19	Apache Flats, Nr. Jefferson City	Dist. Unattended	161.00	69.00	
20	Belle, Belle	Dist. Unattended	138.00	34.50	
21	California, California	Dist. Unattended	161.00	34.50	
22	Columbus Street-14 Nr. Jefferson City	Dist. Unattended	69.00	14.40	
23	Columbus Street-12 Nr. Jefferson City	Dist. Unattended	69.00	12.50	
24	Eldon-Bulk-34, Eldon	Dist. Unattended	161.00	34.50	
25	Eldon-Jackson, S.E., Eldon	Dist. Unattended	34.50	12.47	
26	Eldon-12, Eldon	Dist. Unattended	34.50	12.47	
27	Fairgrounds, (Comb. Turb.) Nr. Jefferson City	Dist.(PP)* Unattende	13.20	69.00	
28	Fairgrounds-14, Nr. Jefferson City	Dist. Unattended	69.00	14.40	
29	Fairgrounds-12, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
30	Frog Hollow, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
31	Gasconade County-34, Gasconade County	Dist. Unattended	138.00	34.50	
32	Gasconade County-69, Gasconade County	Dist. Unattended	138.00	69.00	
33	Gerald-34, Gerald	Dist. Unattended	69.00	34.50	
34	Guthrie, Guthrie	Dist. Unattended	161.00	69.00	
35	Holts Summit, Holts Summit	Dist. Unattended	69.00	12.50	
36	Idelwood, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
37	Jefferson City-Elm Street-12, Jefferson City	Dist. Unattended	69.00	12.50	
38	Kellwood Nr. New Haven	Dist. Unattended	34.50	12.50	
39	Meta	Dist. Unattended	138.00	25.00	
40	Miller-69, Miller County	Dist. Unattended	138.00	69.00	

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
324	3		Capacitor	222	59	1
45	2					2
						3
						4
						5
224	2		Capacitor	72	29	6
27	2					7
22	1					8
33	3	1				9
6	1					10
13	1					11
45	2					12
14	1					13
						14
						15
1370	3	1				16
						17
						18
84	1					19
37	1					20
37	2					21
22	1					22
14	1					23
71	2					24
14	1					25
14	1					26
60	1					27
25	2					28
56	2					29
28	1					30
19	3					31
22	1					32
20	1					33
84	1					34
14	1					35
22	1					36
56	2					37
14	1					38
14	1	1				39
28	2	3				40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	MISSOURI (CONTINUED)				
4	Capital District (Continued)				
5					
6	Moreau-69, Nr. Jefferson City	Dist. Unattended	161.00	69.00	
7	Moreau-12, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
8	Moreau (Comb. Turb.) Nr. Jefferson City	Dist.(PP)* Unattende	13.20	69.00	
9	New Bloomfield, New Bloomfield	Dist. Unattended	69.00	12.50	
10	Owensville, Owensville	Dist. Unattended	34.50	12.50	
11	Rainbow, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
12	Renz, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
13	Roark, Nr. Jefferson City	Dist. Unattended	69.00	34.50	
14	St. Louis Road, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
15	Scruggs Road, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
16	Springfield, Nr. Gerald	Dist. Unattended	34.50	12.50	
17	Stringtown, Nr. Jefferson City	Dist. Unattended	69.00	12.50	
18	Tegler, Nr. Gerald	Dist. Unattended	138.00	34.50	
19	Zion Road, Nr. Jefferson City	Dist. Unattended	138.00	69.00	
20					
21					
22					
23	Green Hills District				
24	Adair, Adair	Dist. Unattended	161.00	69.00	
25	Brookfield, Brookfield	Dist. Unattended	69.00	34.50	
26	Brooks-4, Nr. Brookfield	Dist. Unattended	34.50	4.16	
27	Edina, Edina	Dist. Unattended	69.00	34.50	
28	Gardner, Nr. Kirksville	Dist. Unattended	69.00	34.50	
29	Harrison-14, Nr. Kirksville	Dist. Unattended	34.50	13.80	
30	Harrison-34, Nr. Kirksville	Dist. Unattended	69.00	34.50	
31	Hunt Street-4, Nr. Brookfield	Dist. Unattended	69.00	4.16	
32	Kirksville (Combustion Turbine), Kirksville	Dist.(PP)* Unattende	13.80	34.50	
33	Kirksville, Kirksville	Dist. Unattended	34.50	13.80	
34	Lathrop-69, Lathrop	Dist. Unattended	161.00	69.00	
35	McCleary-34, Nr. Excelsior Springs	Dist. Unattended	69.00	34.50	
36	McCleary-12, Nr. Excelsior Springs	Dist. Unattended	69.00	12.50	
37	Maurer Lake-34, Nr. Excelsior Springs	Dist. Unattended	69.00	34.50	
38	Maurer lake-69, Nr. Exceisior Springs	Dist. Unattended	161.00	69.00	
39	NMSU-Northeast Missouri State University,				
40	Nr. Kirksville	Dist. Unattended	34.50	4.16	

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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVa) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVa) (k)	
						1
						2
						3
						4
						5
84	1					6
14	1					7
65	1					8
14	1					9
11	1					10
14	1					11
14	1					12
28	1					13
22	1					14
56	2					15
14	1					16
14	1					17
22	1					18
84	1					19
						20
						21
						22
						23
112	2					24
16	2		Capacitor	2	6	25
12	1					26
22	1					27
37	1					28
14	1		Capacitor	2	6	29
37	1					30
14	1					31
21	1					32
14	1					33
37	1					34
28	1					35
14	1					36
22	1					37
75	2					38
						39
13	1					40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	MISSOURI (CONTINUED)				
4	Green Hills District (Continued)				
5	Pierce-34, Nr. LaGrange	Dist. Unattended	69.00	34.50	
6	Plattsburg-34, Plattsburg	Dist. Unattended	69.00	34.50	
7	Railroad, Nr. Hamilton	Dist. Unattended	69.00	34.50	
8	Wayland, Wayland	Dist. Unattended	69.00	34.50	
9	West Mosby, Nr. Excelsior Springs	Dist. Unattended	69.00	12.50	
10	Wood Heights, Nr. Excelsior Springs	Dist. Unattended	34.50	12.50	
11					
12	Potosi District				
13	Clark, Nr. Shirley	Trans. Unattended	161.00	138.00	
14			132.00	34.50	
15					
16	Bismarck	Dist. Unattended	34.50	12.47	
17	Brushy Creek, Nr. Bunker	Dist. Unattended	161.00	34.50	
18	Delbridge, Nr. Potosi	Dist. Unattended	138.00	34.50	
19	Fletcher, Nr. Bunker	Dist. Unattended	69.00	34.50	
20		Dist. Unattended	161.00	34.50	
21	Graniteville, Nr. Pilot Knob	Dist. Unattended	34.50	12.47	
22	Pilot Knob-12, Pilot Knob	Dist. Unattended	34.50	12.47	
23	Pilot Knob-161, Pilot Knob	Dist. Unattended	161.00	34.50	
24	Potosi, Potosi	Dist. Unattended	34.50	12.47	
25	Vibumum, Vibumum	Dist. Unattended	161.00	34.50	
26	Wallen Creek, Nr. Delbridge	Dist. Unattended	138.00	34.50	
27					
28	Lakeside District				
29	Osage, Nr. Lakeside	Trans. Unattended	161.00	138.00	
30		Trans.(PP)* Attended	13.80	132.00	
31					
32	Blue Springs, Nr. Lakeside	Dist. Unattended	34.50	12.47	
33	Camden, Nr. Linn Creek	Dist. Unattended	161.00	34.50	
34	Horseshoe Bend, Nr. Lakeside	Dist. Unattended	34.50	12.47	
35	Lake Ozark, Lake Ozark	Dist. Unattended	34.50	12.47	
36	Lakeside, Lakeside	Dist. Unattended	138.00	34.50	
37	Linn Creek, Linn Creek	Dist. Unattended	34.50	12.47	
38	Osage-34, Nr. Lakeside	Dist. Unattended	138.00	34.50	
39	Osage Beach, Osage Beach	Dist. Unattended	34.50	12.50	
40	Prewitt, Nr. Lake Ozark	Dist. Unattended	34.50	12.47	

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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
						4
14	1					5
23	1					6
28	1					7
10	2					8
14	1					9
14	1					10
						11
						12
300	1					13
27	2					14
						15
1	1					16
37	1					17
37	1					18
22	1					19
33	1					20
11	1					21
21	2					22
33	1					23
45	2					24
37	1					25
37	1					26
						27
						28
200	2					29
240	12	1				30
						31
24	1					32
56	1					33
46	2					34
27	2					35
88	2					36
17	1					37
88	2					38
17	1					39
46	2					40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Tan Tar A, Nr. Osage Beach	Dist. Unattended	34.50	12.47	
2	Turkey Bend, Nr. Osage Beach	Dist. Unattended	34.50	12.47	
3	MISSOURI (CONTINUED)				
4	Little Dixie District				
5					
6					
7	Moberly (Combustion Turbine), Moberly	Trans.(PP)*Unattend	13.20	69.00	
8	Montgomery, Montgomery	Trans. Unattended	352.50	164.50	
9	Overton, Overton	Trans. Unattended	345.00	161.00	13.80
10					
11	Spencer Creek, Nr. Vandalla	Trans. Unattended	345.00	161.00	
12					
13	Au Bon Pain, Nr. Mexico	Dist. Unattended	69.00	12.50	
14	Audrain-12, Nr. Mexico	Dist. Unattended	69.00	12.50	
15	Audrain-34, Nr. Mexico	Dist. Unattended	69.00	34.50	
16	Centralia, Centralia	Dist. Unattended	69.00	34.50	
17	Highway 5, Nr. Boonville	Dist. Unattended	69.00	34.50	
18	Homer-4, Nr. Moberly	Dist. Unattended	69.00	4.16	
19	Laddonia East, Nr. Mexico	Dist. Unattended	69.00	34.50	
20	Leah, Nr. Moberly	Dist. Unattended	34.50	12.50	
21	Mexico-34, Mexico	Dist. Unattended	69.00	34.50	
22	Mexico (Combustion Turbine), Mexico	Dist.(PP)* Unattende	13.20	69.00	
23	Moberly, Moberly	Dist. Unattended	161.00	69.00	
24	Montgomery-69, Montgomery	Dist. Unattended	161.00	69.00	
25	Morgan-4, Nr. Boonville	Dist. Unattended	69.00	4.16	
26	New Florence, New Florence	Dist. Unattended	69.00	34.50	
27	Overton-69, Overton	Dist. Unattended	161.00	69.00	
28	Pickering, Nr. Montgomery	Dist. Unattended	69.00	12.50	
29			69.00	4.16	
30	Sinnock-12, Nr. Moberly	Dist. Unattended	69.00	12.50	
31	Sinnock-34, Nr. Moberly	Dist. Unattended	69.00	34.50	
32	Sparks, Nr. Moberly	Dist. Unattended	69.00	12.50	
33	Tisdale-12, Nr. Boonville	Dist. Unattended	69.00	12.50	
34	Tisdale-4, Nr. Boonville	Dist. Unattended	69.00	4.16	
35	Wellsville-34, Wellsville	Dist. Unattended	69.00	34.50	
36	Western, Nr. Mexico	Dist. Unattended	34.50	4.16	
37					
38					
39					
40					

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SUBSTATIONS (Continued)

5. Show in columns (f), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
34	2					1
24	1					2
						3
						4
						5
						6
65	1					7
560	1		Shunt Reactor	1	50	8
300	1		Shunt Reactor	3	25	9
			Shunt Reactor	3	25	10
			Shunt Reactor	1	50	11
						12
14	1					13
14	1					14
15	6					15
22	1					16
12	1					17
14	1					18
22	1					19
14	1					20
37	1					21
65	1					22
150	2	1				23
71	2					24
13	1					25
22	1					26
75	2					27
14	1					28
7	1					29
36	2					30
28	1					31
22	1					32
36	2					33
14	1					34
23	1					35
13	1					36
						37
						38
						39
						40

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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**SUBSTATIONS**

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- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (in MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	MISSOURI (CONTINUED)				
4	Southeast District				
5	Kelso, Nr. Kelso	Trans. Unattended	352.50	164.50	13.80
6	Lutesville, Nr. Lutesville	Trans. Unattended	345.00		
7	Stoddard, Nr. Stoddard	Trans. Unattended	161.00		
8					
9	Ancel, Nr. Scott City	Dist. Unattended	34.50	12.47	
10	Bermie-34, Bermie	Dist. Unattended	161.00	34.50	
11	Caruthersville (West), Caruthersville	Dist. Unattended	34.50	12.47	
12	Charleston-34, Charleston	Dist. Unattended	161.00	34.50	
13	Charleston-12, Charleston	Dist. Unattended	34.50	12.47	
14	Cape-Clark-34, Cape Girardeau	Dist. Unattended	115.00	34.50	
15	Cape-North Rural, Cape Girardeau	Dist. Unattended	34.50	12.47	
16	Cape-Plant, Cape Girardeau	Dist. Unattended	34.50	4.16	
17	Cape-Plaza, Cape Girardeau	Dist. Unattended	34.50	4.16	
18	Cape-West End, Cape Girardeau	Dist. Unattended	34.50	4.16	
19	Dexter-Three Mile Road, Dexter	Dist. Unattended	34.50	12.47	
20	East Prairie-Main, East Prairie	Dist. Unattended	34.50	4.16	
21	Glenwood, Nr. Cape Girardeau	Dist. Unattended	34.50	12.47	
22	Hayti, Hayti	Dist. Unattended	161.00	34.50	
23	LeFarth, Nr. Cape Girardeau	Dist. Unattended	34.50	12.47	
24	Midtown, Nr. Cape Girardeau	Dist. Unattended	34.50	4.16	
25	Miner-34, Miner	Dist. Unattended	161.00	34.50	
26	Miner-12, Miner	Dist. Unattended	34.50	12.47	
27	Mount Auburn, Nr. Cape Girardeau	Dist. Unattended	34.50	12.47	
28	Nash Road, Nr. Cape Girardeau	Dist. Unattended	34.50	12.47	
29	Oran-34, Oran	Dist. Unattended	161.00	34.50	
30	Portageville City, Nr. Portageville	Dist. Unattended	34.50	12.47	
31	Portageville, Portageville	Dist. Unattended	161.00	34.50	
32	Richland-34, Richland	Dist. Unattended	161.00	34.50	
33	Steele, Steele	Dist. Unattended	34.50	12.47	
34	Viaduct (Combustion Turb.), Nr. Cape Girardeau	Dist.(PP)*Unattended	13.80	34.50	
35	Viaduct-115, (UE South) Nr. Cape Girardeau	Dist. Unattended	161.00	115.00	13.80
36	Viaduct-115 (UE North) Nr. Cape Girardeau	Dist. Unattended	161.00	115.00	13.80
37	Viaduct-1, (Cape South) Nr. Cape Girardeau	Dist. Unattended	115.00	34.50	13.80
38	Viaduct-2 (Cape North) Nr. Cape Girardeau	Dist. Unattended	115.00	34.50	13.80
39	Viaduct-3, Nr. Cape Girardeau	Dist. Unattended	161.00	34.50	
40	Walnut-Dexter, Dexter	Dist. Unattended	34.50	12.47	

Name of Respondent UNION ELECTRIC COMPANY	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
						4
788	2					5
			Shunt Reactor	1	50	6
						7
						8
8	1					9
56	1		Capacitor	30	6	10
11	1					11
56	1					12
14	1					13
56	1					14
11	1					15
14	1					16
12	2					17
13	2					18
14	1					19
11	1		Capacitor	24	5	20
21	2					21
75	2					22
45	2					23
13	2					24
56	1	1				25
14	2					26
45	2					27
14	1					28
56	1					29
21	2					30
20	1					31
56	1					32
11	2					33
36	1					34
83	1		Capacitor	72	14	35
83	1					36
47	1					37
56	1					38
84	1					39
28	2					40

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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVa except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Warner, Nr. Scott City	Dist. Unattended	34.50	12.47	
2	Wedekind, Wedekind	Dist. Unattended	161.00	34.50	
3	MISSOURI (CONTINUED)				
4	Wentzville District				
5	Arrowhead, Nr. Wentzville	Dist. Unattended	34.50	12.47	
6	Bowling Green, Bowling Green	Dist. Unattended	34.50	12.47	
7	Buffalo-34, Nr. Buffalo	Dist. Unattended	69.00	34.50	
8	Callahan, Nr. Wentzville	Dist. Unattended	34.50	12.47	
9	Calumet-69-Clarksville, Nr. Clarksville	Dist. Unattended	161.00	69.00	
10	Calumet-34-Clarksville, Nr. Clarksville	Dist. Unattended	69.00	34.50	
11	Cool Springs, Nr. Wentzville	Dist. Unattended	34.50	12.47	
12	Fort Zumwalt, Nr. Wentzville	Dist. Unattended	138.00	34.50	
13	McClure, Nr. O'Fallon	Dist. Unattended	34.50	12.47	
14	McKinley Street, Nr. Wentzville	Dist. Unattended	34.50	12.47	
15	May Road, Nr. Wentzville	Dist. Unattended	34.50	12.47	
16	Mexico Road, Nr. St. Peters	Dist. Unattended	34.50	12.47	
17	Mid Rivers	Dist. Unattended	161.00	12.47	
18	Moscow Mills, Moscow Mills	Dist. Unattended	34.50	12.47	
19	New Melle, New Melle	Dist. Unattended	34.50	12.47	
20	O'Fallon Hills, Nr. O'Fallon	Dist. Unattended	34.50	12.47	
21	O'Fallon, O'Fallon	Dist. Unattended	138.00	34.50	
22	Pike-34, Pike	Dist. Unattended	69.00	34.50	
23	Pike-69, Pike	Dist. Unattended	161.00	69.00	
24	Point Prairie-Wentzville, Point Prairie	Dist. Unattended	161.00	34.50	
25	Sondern, Nr. Wentzville	Dist. Unattended	34.50	12.47	
26	Thirtieth Street, Nr. Louisiana	Dist. Unattended	34.50	4.16	
27	Trojan, Nr. Wentzville	Dist. Unattended	34.50	12.47	
28	Warrenton, Warrenton	Dist. Unattended	161.00	34.50	
29	Weldon Springs, Weldon Springs	Dist. Unattended	34.50	12.47	
30	West Avenue, Nr. Wright City	Dist. Unattended	34.50	12.47	
31	Winghaven, Nr. O'Fallon	Dist. Unattended	34.50	12.47	
32					
33					
34					
35					
36					
37	Other				
38	Taum Sauk Plant, Nr. Hogan	Trans.(PP)*Unattende	139.20	34.50	
39		Trans.(PP)*Unattende	13.50	138.00	
40					

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SUBSTATIONS (Continued)

5. Show in columns (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
14	1					1
140	2		Capacitor	54	16	2
						3
						4
22	1					5
23	2					6
30	2	1				7
14	1					8
50	1					9
10	1					10
28	2					11
224	2					12
44	2					13
36	2					14
28	2					15
45	2					16
45	1	1				17
13	1					18
14	1					19
25	2		Mobil	1	10	20
224	2					21
20	1					22
34	1					23
224	2					24
45	2					25
14	1					26
14	1					27
112	2		Capacitor	1	19	28
45	2					29
14	1					30
44	2					31
						32
						33
						34
						35
						36
						37
28	1					38
480	2					39
						40

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**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Marion, Nr. Hannibal	Dist. Unattended	161.00	34.50	
2			138.00	34.50	
3	MISSOURI (CONTINUED)				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17	Substations of less than 10 MVA				
18	1	Dist. Unattended	4.16	7.20	
19	3	Dist. Unattended	4.16	12.50	
20	1	Dist. Unattended	12.50	2.40	
21	1	Dist. Unattended	13.80	2.40	
22	3	Dist. Unattended	14.40	4.16	
23	18	Dist. Unattended	34.50	2.40	
24	70	Dist. Unattended	34.50	4.16	
25	5	Dist. Unattended	34.50	7.20	
26	48	Dist. Unattended	34.50	12.47	
27	21	Dist. Unattended	34.50	12.50	
28	11	Dist. Unattended	34.50	13.80	
29	8	Dist. Unattended	34.50	14.40	
30	1	Dist. Unattended	69.00	4.16	
31	6	Dist. Unattended	69.00	12.50	
32	1	Dist. Unattended	69.00	14.40	
33	4	Dist. Unattended	69.00	34.50	
34	1	Dist. Unattended	14.40	4.20	
35	1	Dist. Unattended	69.00	12.47	
36					
37					
38					
39					
40					

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
75	2		Capacitor	108	22	1
74	2					2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
1	3					18
7	9					19
5	1					20
4	3					21
11	5					22
27	48					23
270	135	1				24
2	7					25
204	76	1	Capacitor	1	10	26
69	57					27
40	30					28
25	18					29
6	1					30
40	6					31
5	1	1				32
34	4					33
7	1					34
3	3					35
						36
						37
						38
						39
						40

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**SUBSTATIONS**

- Report below the information called for concerning substations of the respondent as of the end of the year.
- Substations which serve only one industrial or street railway customer should not be listed below.
- Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
- Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	ILLINOIS				
4	Venice No. 2, Venice	Trans.(PP)* Unattend	138.00	69.00	
5			69.00	13.80	
5	Venice Combustion Turbine	Unattended	13.20	69.00	
7	Venice Combustion Turbine	Unattended	138.00	13.80	
8		Unattended	13.80	4.20	
9		Unattended	13.80	0.48	
10	Cahokia, Nr. Sauget	Trans. Unattended	352.50	138.00	13.80
11			230.00	138.00	9.20
12	Hamilton, Hamilton	Trans. Unattended	132.00	69.00	
13	Roxford, Nr. Hartford	Trans. Unattended	352.00	141.00	13.80
14			139.20	34.50	
15					
16	Airport, Nr. Cahokia	Dist. Unattended	34.50	4.16	
17	Beltline, Nr. Alton	Dist. Unattended	34.50	4.16	
18	Bethany, Nr. Alton	Dist. Unattended	34.50	4.16	
19	Bond, Nr. East St. Louis	Dist. Unattended	34.50	4.16	
20	Broadview, Nr. East St. Louis	Dist. Unattended	34.50	4.16	
21	Cahokia-14, Nr. Sauget	Dist. Unattended	138.00	13.80	
22	Fairview, Nr. Fairview Heights	Dist. Unattended	34.50	4.16	
23	Fosterburg, Fosterburg	Dist. Unattended	34.50	12.47	
24	French Village, French Village	Dist. Unattended	34.50	4.16	
25	Frey, Nr. Fairview Heights	Dist. Unattended	34.50	4.16	
26	Godfrey, Nr. Alton	Dist. Unattended	34.50	4.16	
27	Hartford, Hartford	Dist. Unattended	34.50	4.16	
28	Humbert, Nr. Alton	Dist. Unattended	34.50	4.16	
29	Lake-4, Nr. East St. Louis	Dist. Unattended	34.50	4.16	
30	Lansdowne, Nr. East St. Louis	Dist. Unattended	34.50	4.16	
31	Liberty, Nr. Alton	Dist. Unattended	34.50	4.16	
32	Mississippi, Nr. Alton	Dist. Unattended	138.00	34.50	
33	Mitchell, Mitchell	Dist. Unattended	34.50	4.16	
34	North Alton, Nr. Alton	Dist. Unattended	34.50	4.16	
35	Parks, Nr. Cahokia	Dist. Unattended	34.50	4.16	
36	Piasa, Nr. Alton	Dist. Unattended	34.50	4.16	
37	Powhatan, Nr. Alton	Dist. Unattended	34.50	4.16	
38	Ridge, Nr. East St. Louis	Dist. Unattended	138.00	34.50	
39	Rodgers, Nr. Alton	Dist. Unattended	34.50	4.16	
40	Spring-4, Nr. Alton	Dist. Unattended	34.50	4.16	

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
						2
						3
143	1					4
50	2					5
40	1					6
70	1					7
13	2					8
10	2					9
1120	2					10
252	1					11
100	1					12
560	1					13
324	3					14
						15
14	1					16
14	1					17
14	1					18
12	2					19
27	2					20
220	3		Capacitor	432	43	21
28	2					22
14	1					23
14	1					24
28	2					25
14	1					26
13	2					27
14	1					28
14	1					29
13	1					30
14	1					31
224	2		Capacitor	72	29	32
13	1					33
19	3					34
14	1					35
14	1					36
12	1					37
300	3		Capacitor	192	29	38
28	2					39
11	1					40

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**SUBSTATIONS**

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4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Washington Park, Washington Park	Dist. Unattended	34.50	4.16	
2	Winstanley, Nr. East St. Louis	Dist. Unattended	34.50	4.16	
3	ILLINOIS (CONTINUED)				
4					
5	Substations of less than 10 MVA				
6	16	Dist. Unattended	34.50	4.16	
7					
8					
9					
10	IOWA				
11					
12	Keokuk Plant, Nr. Keokuk	Trans.(PP)* Attended	69.00	13.80	
13					
14					
15					
16					
17					
18					
19					
20	SUM TRANSMISSION SUBSTATIONS	34			
21					
22	SUM DISTRIBUTION SUBSTATIONS	676			
23					
24					
25	*(PP) Indicates a Power Plant Substation.				
26	The costs for these assets are assigned to				
27	production accounts; therefore, consistent				
28	with FERC policy, they are not included in the				
29	calculation of transmission service rates.				
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

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SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
12	2					1
14	1					2
						3
						4
						5
94	17					6
						7
						8
						9
						10
						11
219	7	1				28 12
						13
						14
						15
						16
						17
						18
						19
22347	102	6				20
						21
24898	1218	16				22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

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