Review Appraisal Of:

Kirkland Appraisals, LLC
Adjacent Property Value Impact Report
Lost City Solar, Proposed Project, Case No. 2024-00406
Muhlenberg County, Kentucky
Dated January 29, 2025

Date of Review April 20, 2025

Prepared for:
Mr. Jake Schulte, Project Manager
Elliot Engineering, Inc.
6900 Houston Road, Suite 38
Florence, Kentucky 41042

Prepared by:
E. Clark Toleman, MAI, SRA
333 West Vine Street, Suite 300
Lexington, Kentucky 40507

E. Clark Toleman, MAI, SRA



Real Estate Appraisal Services

VINE CENTER 333 W. VINE ST., SUITE 300 · LEXINGTON, KENTUCKY 40507 CELL. (859) 361-3068 · EMAIL CTOLEMAN@AOL.COM

Mr. Jake Schulte Project Manager Elliot Engineering, Inc. 6900 Houston Road, Suite 38 Florence, Kentucky 41042

Re: Review Appraisal Report

Kirkland Appraisals, LLC-Impact Study dated January 29, 2025

Lost City Solar Project, Muhlenberg County Kentucky

Dear Mr. Schulte,

Following your request, I have carried out an investigation and review of the Kirkland Appraisals, LLC Adjacent Property Value Impact Report that estimates the impact in terms of property value to the surrounding properties adjacent to the proposed Lost City Solar Project. The Kirkland Appraisals, LLC Impact Report is part of the application for PSC Case No. 2024-00406 for the 1,413 acres project total area with, 250-megawatt solar project to The Kentucky State Board on Electric Generation and Transmission Siting. I have reviewed the Kirkland Appraisals, LLC report as well as the data within the application, and the subject parcels that make up the project and surrounding area. There are eighty-two parcels that have been identified as adjoining the project tracts.

Considering my analysis of the Lost City Impact Study I have concluded that the report is credible and representative of the market conditions that would exist should the Lost City Solar Project be constructed based on the market evidence and interpretation of the data contained in the Impact Study. The report includes a review of current published studies on property value impacts associated with solar projects, paired sales analysis of solar projects in Kentucky and adjoining states ranging in size from 2.7 to 617 MW, with data from 74 National solar projects, and interviews with real estate professionals and real property assessors.

The following is a summary of my technical review of the Kirkland Appraisals, LLC Impact Study and comments on the specific data and analysis contained in the report prepared in compliance with Standard 3 of the Uniform Standards of Professional Practice.

Respectfully submitted

E. Clark Toleman, MAI, SRA

Project Name: Lost City Solar Project-PSC No. 2024-00406

Property Location: Muhlenberg County, Kentucky

Date of Impact Study: January 29, 2025

Property Type: Agricultural and Rural Homesites

Land Area: 1,413 Combined acres, 250MW

Report Option: Narrative Impact Study

Intended Use of Review: Kentucky State Electric Generation and Transmission

Siting Board Siting Board

Purpose of this Review

The Purpose of this review is to determine if the Impact Study is essentially in compliance with KRS 278.708 and The Uniform Standards of Professional Appraisal Practice (USPAP) as promulgated by the Appraisal Standards Board of The Appraisal Foundation.

Scope of the Review

This review was limited to an analysis of the Impact Study in order to form an opinion as to:

- The completeness of the report;
- The adequacy and relevance of the data presented;
- The reasonableness of any adjustments made by the appraiser to the data;
- The appropriateness of appraisal methods and techniques used; and
- The adequacy and reasonableness of the analysis, opinions and conclusions contained in the Impact Study report.

Reviewer: E. Clark Toleman, MAI, SRA Date of Review: April 20, 2025

Purpose of the Impact Study

The Impact Study is in three parts, a review of academic and peer authored property value impact studies, research and analysis of existing solar facilities, and interviews with real estate experts market participants and Assessors. The study also includes a review of paired sales before and after solar projects were constructed through-out the United States and considered comparable to the properties adjacent to the proposed 250 MW Lost City Solar Project. The purpose of this impact study under review is to estimate any related change in terms of market value to the adjoining properties due to the proposed solar project in Muhlenberg County Kentucky as of January 29, 2025.

Market Value is defined as:

The most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller, each acting prudently, knowledgeably and assuming the price is not affected by undue stimulus, Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby: (1) buyer and seller are typically motivated; (2) both parties are well informed or well advised, and each acting in what he considers his own best interest; (3) a reasonable time is allowed for exposure to open markets; (4) payment is made in terms of cash in U,S, dollars or in terms of financial arrangements comparable thereto; and (5) the price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.

Market Value is therefore the actual real dollar value of the subject property would bring at an appraisal date under "normal" conditions with the seller and buyer acting reasonably. The contemporary concept emphasizes cash value. This is necessary in the investigation of "market" sales to equate any non-typical financing terms to conditions that are typical at an appraisal date.

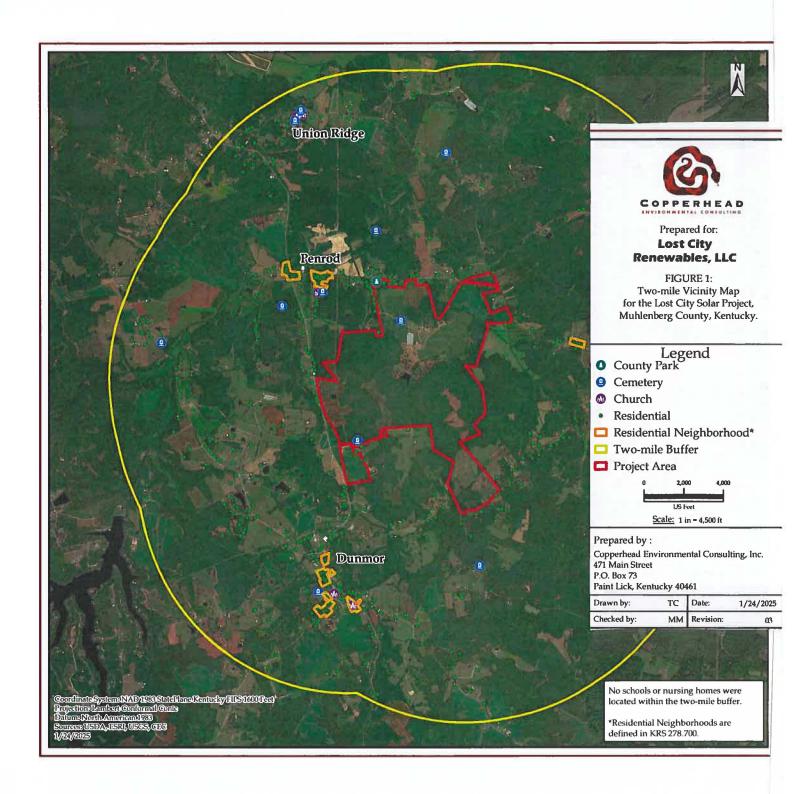
Intended Use of the Review Appraisal

This review appraisal is prepared for Elliot Engineering on behalf of the Kentucky State Board on Electric Generation and Transmission Siting Board Case No. 2024-00406.

Date of Appraisal Review

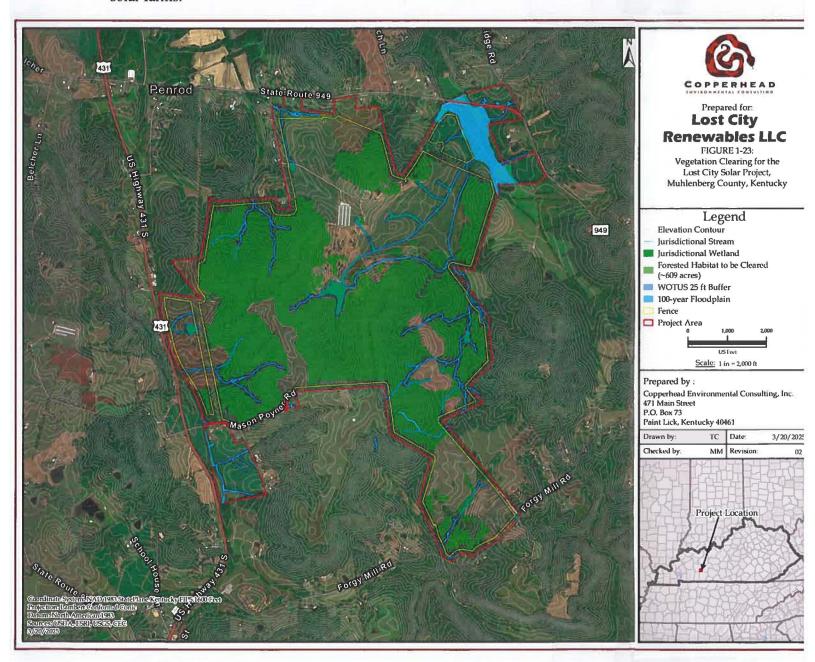
This Review Appraisal is made as of April 20, 2025 with all economic, statistical and market data correlated to this date. The last inspection of the property was made on this date and all physical characteristics are described relative to this date unless otherwise stated within this report.

Location Map

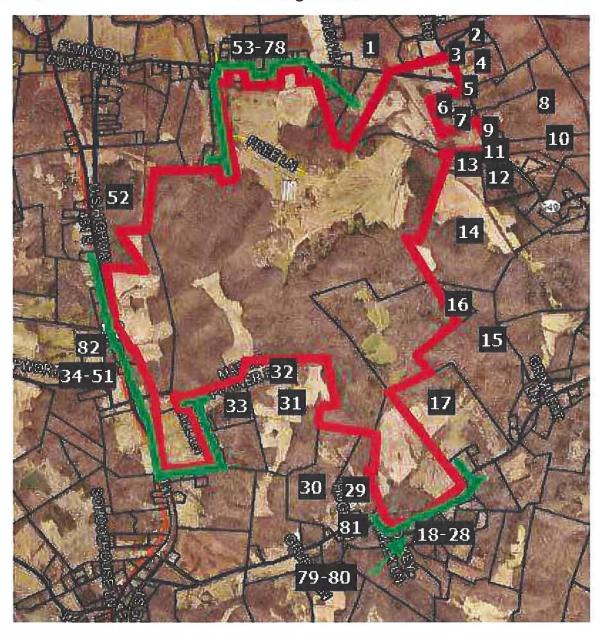


Proposed Project Area

The subject properties are situated in southeastern Muhlenberg County on the east side along HW 431 just south of Penrod with a total area of 1,413 acres with projected output of 250 MW. The project parent parcels extend east of HW 431 and south of State Route 949, with the southern boundary along Forgy Mill Road. The general area is rural in nature being developed as general farms and homesites with level to sloping topography. The 2024 County population is estimated to be 30,638 with a slight decline in population indicated over the last three years. The project proposes that the closest setback distance of a solar panel to a residence will be 204 feet with the average distance of solar panel to home is 936 feet which is greater than comparable solar farms.



Aerial Image from GIS



Adjoining Parcels

Surroun	ding	Uses
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Surrou	munk oses							
			GIS Data		Adjoin	Adjoin	Distance (ft)	LF
#	MAPID	Owner	Acres	Present Use	Acres	Parcels	Home/Panel	Adjacent
1	225-00-00-019.000	Mitchell	63.90	Agri/Res	4.68%	1.22%	765	1560
2	224-00-00-020.001	Newman	15.58	Agri/Res	1.14%	1.22%	1,615	1
3	225-00-00-022.000	Mallory	1.50	Residential	0.11%	1.22%	1,600	190
4	225-00-00-021.000	Mallory	28.00	Agricultural	2.05%	1.22%	1,655	810
5	225-00-00-035.005	Mallory	0.35	Residential	0.03%	1.22%	N/A	120
6	225-00-00-036.000	Reed	10.00	Residential	0.73%	1.22%	204	1545
7	225-00-00-035.004	Reed	10.00	Residential	0.73%	1.22%	N/A	1460
8	235-00-00-001.001	Richards	71.45	Agricultural	5.23%	1.22%	N/A	215
9	285-00-00-001.002	Wood	2.55	Cemetary	0.19%	1.22%	N/A	345
10	235-00-00-001.003	Thresher	29.25	Agri/Res	2.14%	1.22%	1,575	165
11	225-00-00-035.001	Hawkins	0.86	Residential	0.06%	1.22%	N/A	300
12	235-00-00-001.004	Reed	25.41	Agricultural	1.86%	1.22%	N/A	50
13	225-00-00-037.000	Hawkins	7.50	Residential	0.55%	1.22%	945	545
14	225-00-00-038.000	Hawkins	161.28	Agricultural	11.80%	1.22%	N/A	3550
15	226-00-00-024.001	Bevan	81.08	Agricultural	5.93%	1.22%	N/A	1885
16	225-00-00-039.000	Edwards	13.00	Residential	0.95%	1.22%	N/A	1360
17	226-00-00-024.000	Saye	95.01	Agricultural	6.95%	1.22%	N/A	3685
18	226-00-00-024.004	Saye	7.47	Residential	0.55%	1.22%	608	550
19	226-00-00-029.004	Boatwright	0.55	Residential	0.04%	1.22%	N/A	140
20	226-00-00-029.004	Gates	26.10	Residential	1.91%	1.22%	1,050	1
21	226-00-00-023.003	Crafton	3.54	Residential	0.26%	1.22%	368	545
22	226-00-00-023.002	Crafton	3.54	Residential	0.26%	1.22%	N/A	365
23	226-00-00-029.011	Buchanan	0.47	Residential	0.03%	1.22%	N/A	740
24	226-00-00-028.000	Millette	1.00	Residential	0.07%	1.22%	N/A	470
25	226-00-00-028.002	Millette	1.00	Residential	0.07%	1.22%	N/A	175
26	226-00-00-028.001	Powell	2.73	Residential	0.20%	1.22%	N/A	1
27	226-00-00-027.000	Buchanan	0.50	Residential	0.04%	1.22%	N/A	170
28	226-00-00-026.000	Dearmond	14.80	Residential	1.08%	1.22%	N/A	600
29	226-00-00-021.000	Johnson	32.52	Agri/Res	2.38%	1.22%	915	2225
30	226-00-00-006.000	Gibson	61.56	Agri/Res	4.51%	1.22%	1,350	1140
31	226-00-00-005.002	Cottongim	106.98	Agricultural	7.83%	1.22%	N/A	2965
32	226-00-00-005.000	Cottongim	11.89	Residential	0.87%	1.22%	380	1625
33	226-00-00-001.001	Cornelius	31.94	Agricultural	2.34%	1.22%	N/A	1065
34	226-00-00-002.000	Latham	1.94	Residential	0.14%	1.22%	N/A	305
35	226-00-00-002.001	Latham	1.00	Residential	0.07%	1.22%	349	285
36	213-00-00-029.003	Reynolds	2.13	Residential	0.16%	1.22%	607	270
37	226-00-00-003.000	Schaal	3.80	Residential	0.28%	1.22%	1,045	410
38	226-00-00-001.000	Burchett	31.94	Agri/Res	2.34%	1.22%	1,290	395
39	226-00-00-004.000	Rice	3.90	Residential	0.29%	1.22%	1,825	320
40	226-00-00-004.000	Conkwright	67.73	Agri/Res	4.96%	1.22%	3,490	455
41	226-00-00-009.001	Conkwright	2.00	Residential	0.15%	1.22%	N/A	310
42	226-00-00-007.000	Conkwright	1.71	Residential	0.13%	1.22%	2,320	380

Adjoining Parcels (con't)

Surroundi	ng U	ses
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			GIS Data		Adjoin	Adjoin	Distance (ft)	LE
#	MAPID	Owner	Acres	Present Use	Acres	Parcels	Home/Panel	
43	213-00-00-034.000	Williams	1.00	Residential	0.07%	1.22%	2,490	1
44	213-00-00-029.004	Johnson	45.03	Agri/Res	3.30%	1.22%	1,850	270
45	213-00-00-029.006	Skipworth	10.00	Residential	0.73%	1.22%	N/A	1
46	213-00-00-029.005	Skipworth	8.00	Residential	0.59%	1.22%	N/A	775
47	213-00-00-028.000	Simpson	2.00	Residential	0.15%	1.22%	N/A	1080
48	212-00-00-033.000	Toomey	8.00	Residential	0.59%	1.22%	353	860
49	212-00-00-032.000	Wheaton	1.90	Residential	0.14%	1.22%	379	395
50	212-00-00-031,000	Cottongim	7.52	Residential	0.55%	1.22%	424	120
51	212-00-00-034.000	Brewer	0.50	Residential	0.04%	1.22%	330	465
52	212-00-00-064.000	Wood	97.18	Agricultural	7.11%	1.22%	N/A	5195
53	225-00-00-023.000	Naiper	32.40	Agricultural	2.37%	1.22%	N/A	445
54	225-00-00-023.005	Naiper	3.50	Residential	0.26%	1.22%	N/A	220
55	225-00-00-023.002	Naiper	10.60	Residential	0.78%	1.22%	604	1550
56	225-00-00-028.002	Gardner	2.19	Residential	0.16%	1.22%	339	915
57	225-00-00-023.006	Naiper	2,12	Residential	0.16%	1.22%	545	345
58	225-00-00-023.004	Naiper	1.30	Residential	0.10%	1.22%	568	280
59	225-00-00-023.001	Napier	1.43	Residential	0.10%	1.22%	738	295
60	212-00-00-071.002	Farley	0.50	Residential	0.04%	1.22%	905	75
61	212-00-00-071.000	Ashby	1.50	Residential	0.11%	1.22%	1,065	160
62	212-00-00-069.000	Arnold	6.50	Residential	0.48%	1.22%	1,220	35
63	225-00-00-024.000		7.25	Residential	0.53%	1.22%	755	380
64	225-00-00-007.000	Harper	2.00	Residential	0.15%	1.22%	1,140	145
65	225-00-00-009.001	Jones	2.00	Residential	0.15%	1.22%	960	310
66	225-00-00-026.000	Underwood	1.61	Residential	0.12%	1.22%	650	230
67	225-00-00-027.001	Lear	2.08	Residential	0.15%	1.22%	640	335
68	225-00-00-027.000	Kirtley	2.91	Residential	0.21%	1.22%	500	615
69	225-00-00-013.001	Spurlock	8.55	Residential	0.63%	1.22%	N/A	220
70	225-00-00-013.000	Hunt	0.50	Residential	0.04%	1.22%	835	140
71	225-00-00-015.000	Hunt	1.00	Residential	0.07%	1.22%	850	135
72	225-00-00-016.000	Napier	2.40	Residential	0.18%	1.22%	890	15
73	225-00-00-029.000	Spurlock	1.13	Residential	0.08%	1.22%	625	500
74	225-00-00-030.000	Spurlock	1.00	Residential	0.07%	1.22%	775	170
75	225-00-00-031.000	Spurlock	1.58	Residential	0.12%	1.22%	N/A	120
76	225-00-00-032.000	Spurlock	7.00	Residential	0.51%	1.22%	820	510
77	225-00-00-033.000	Mitchell	10.00	Residential	0.73%	1.22%	N/A	800
78	225-00-00-034.000	Hoagland	26.00	Agri/Res	1.90%	1.22%	458	850
79	226-00-00-029.010	Boren	1.16	Residential	0.08%	1.22%	367	0
80	226-00-00-029.012	Sumner	1.10	Residential	0.08%	1.22%	358	0
81	226-00-00-025.000	Whitney	2.61	Residential	0.19%	1.22%	841	0
82	213-00-00-027.000	Kelly	1.87	Residential	0.14%	1.22%	506	0

Total

1366.375

100.00% 100.00% 936

Methodology to Indicate Effect on Adjoining Properties

The Kirkland Appraisals, LLC report includes paired sales analysis, eleven studies on solar farm impact, eight university studies, and ten Kentucky PVA interviews. The Adjacent Property Impact Study utilizes the Paired Sales Analysis from Kentucky as well as national solar farms as the basis for an indication of change in value experienced to adjoining properties with forty-seven sales from solar farm projects in four adjoining states plus eight in Kentucky. This is a quantitative analysis of paired-sales to identify the effect of any one characteristic in a given market on market price. This analysis is used to estimate what adjustment is indicated for an individual characteristic such as a garage, swimming pool or any number of characteristics that need adjustment for the subject property. This is a standard analysis technique in appraisal practice and is most indicative when there is a large sample size. The average value impact was +1% with medium of 0% and high of +12% and low of -7%. The size average of these solar farms was 141 MW.

The Impact Study applied the matched paired sales analysis to seventy-four adjoining properties around existing solar farms in twenty states. The survey includes solar farms average 79 MW. The result indicates an average positive impact of +1% with a high impact of +14% to low of-10% effect on adjoining property value. The general conclusion would indicate a neutral overall effect on the market value of adjoining properties to solar farms generally and would therefore have a similar neutral impact on adjoining properties in the proposed Lost City Solar project.

Conclusion of Solar Farm Impact

The evidence presented in the Kirkland Impact Study including the paired sales analysis is a strong indicator that proximity to the proposed Lost City Solar Project will have a neutral impact on the adjoining property value when the set back and buffer screening is in place. The actual setback distances of this project is greater than the sales data applied in the Impact Study. The proposed solar farm is a passive entity within a rural neighborhood without the recognized nuisance characteristics of noise, traffic, odor, or other typical stigma considered to create an environmental detrimental effect. A review of published research material on this subject is included in this Impact Study which also indicates the neutral effect on the adjoining property to solar farm projects of similar size and neighborhood characteristics as found in the proposed 250 MW Lost City Solar project.

Review Appraiser's Limiting Conditions and Certification

- This review memorandum is based on data and information contained in the appraisal report under review as well as additional information from other sources that may be applicable and have been identified.
- It is assumed that the data and information contained in the appraisal under review are factual and accurate.
- The reviewer reserves the right to consider any additional information that may subsequently become available and may revise any opinions and conclusions if such data and information dictate the need for change.
- Unless otherwise stated, all of the assumptions and limiting conditions contained in the appraisal report under review are also conditions of this report.
- This appraisal review is specifically not an appraisal. Any opinions expressed by the reviewer are limited by the scope of the analysis identified in this review report.
- If the yield capitalization methodology (discounted cash flow analysis) was completed by the appraiser using a market-accepted, preformatted lease-by-lease software program: To the extent possible, the inputs have been scanned for reasonableness, however, neither the reliability or accuracy of the inputs nor the expertise or competency of the person working with the software can be verified by the reviewer. Further, no property specific, corroborating diskette has been submitted with this assignment.
- The review appraiser is not required to give testimony or appear in court, or at public hearings or at any special meeting or hearing with reference to the property appraised or the appraisal report, unless arrangements have been made prior to preparation of this report.
- All data provided in the appraisal reviewed is assumed to be accurate and complete and that there has been no omission of data that would affect the reviewer's conclusions.

I certify that, to the best of my knowledge and belief:

- the facts and data reported by the reviewer and used in the review process are true and correct.
- the analyses, opinion and conclusions in this review report are limited only by the assumptions and limiting conditions stated in this review report and are my personal, impartial and unbiased professional analysis, opinions and conclusions.
- I have no present or prospective interest in the property that is the subject of this report and no personal interest with respect to the parties involved.
- I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
- my engagement in this assignment was not contingent upon developing or reporting predetermined results.
- my compensation is not contingent on an action or event resulting from the analyses, opinions or conclusions in this review or from its use.
- my analyses, opinions and conclusions were developed and this review report was prepared in conformity with the Uniform standards of Professional Appraisal Practice

(USPAP) and all federal, state and banking regulations in force and applicable as of the date of this report.

- I have made a personal inspection of the work and subject property under review.
- no one provided significant appraisal, appraisal review or appraisal consulting assistance to the person signing this certification, and I have not provided any prior appraisal service on this property.
- As of the date of this report, E. Clark Toleman, MAI, SRA has completed the continuing education requirements of the Appraisal Institute.
- The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.

E. Clark Toleman, MAI, SRA

Kentucky Certified General Appraiser No. 109

QUALIFICATIONS OF THE APPRAISER

E. Clark Toleman MAI, SRA

PROFESSIONAL MEMBERHIPS:

MAI Member of the Appraisal Institute

SRPA MAI No. 7572

SRA General Certification – Kentucky Real Estate Appraisers Board No. 109

Real Estate Broker – State of Kentucky Member of Lexington Board of Realtors Member of Kentucky Association of Realtors Member of National Association of Realtors

EDUCATION: West Australia Institute of Technology, Perth, Australia – Business Studies Major in Real Estate Valuation

Completed all course requirements for the Australian Institute of Valuers, the American Institute of Real Estate Appraisers and Society of Real Estate Appraisers. Appraisal seminars related to Conservation Easements, partial interests and Federal guidelines for Federal Land Acquisition.

Participate in continuing education through seminars and courses by the Appraisal Institute.

EXPERIENCE:

Full time career in all phases of Real Estate. Employed in Property Management, Office of Development, Leasing and Valuation. Real Estate Appraiser in Lexington, Kentucky since 1974. Owner and Manager of Investment Property. Self- employed and owner of E. Clark Toleman Real Estate Appraisal Services.

APPRAISAL CLIENTS:

Financial Institutions:

Bank of Lexington, First Security National Bank, Bank One, Citizens Fidelity Bank in Lexington, First National Bank of Louisville, Fifth Third Bank of Campbell County, PNC Bank, Franklin Bank, MCNB Bank, First Capital Bank, Community Trust Bank, First Southern National Bank. Recent non-bank lender clients include: Realty Investment

Company, Memphis, Tennessee; New York Life, Atlanta, Georgia, Cincinnati Insurance Co.

GOVERNMENT INSTITUTIONS:

Lexington Fayette Urban County Government, Corps of Engineers, Department of Justice, General Services Administration, U.S. Postal Service, Census Bureau, Resolution Trust Corporation, FDIC, FSLIC, Commonwealth of Kentucky, Transportation Cabinet, Bluegrass Airport Board, LexTran Board, State of Kentucky Kentucky Office of the Courts, LFUCG Division of Water Quality, University of Kentucky, Kentucky State University, Kentucky Community and Technical College System, Eastern Kentucky University, Division of Real Property State of Kentucky, Louisville Regional Airport Board, Lexington KY Airport Board.

APPRAISED FOR:

Major horse farms, full range of commercial properties, multi-family residential, condemnation cases for both Plaintiff and Defendant, IRS, utility companies, four flood control lane projects, Urban Renewal, major industrial properties and highway right of way. Appraisals conducted on conservation easements for individuals the State of Kentucky for the PACE program and the Lexington Fayette Urban County Government for the Purchase of Development Rights, on Farm Properties, Marathon Oil Co. for R/W easements, CSX Railroad, Norfolk Southern Railway, Cincinnati Insurance, Safe Co Insurance, LexTran, and Southern States.

QUALIFIED AS EXPERT IN REAL ESTATE VALUES:

Federal Court of Kentucky- Eastern and Western Division. Testified in Local Tax Appeal Cases, Circuit Court of Clark, Pike, Montgomery, Bourbon, Woodford, Jessamine, Bell, Johnson, Jefferson, Anderson, Franklin, Boone, Campbell, Scott, Lawrence, Clay, Whitley, Pulaski, Kenton, and Martin County, Kentucky, and the United States Bankruptcy Court.