

KENTUCKY POWER COMPANY

CASE NO. 2017-00179

Response to PSC Staff Request For Information To The Kentucky School Boards Association

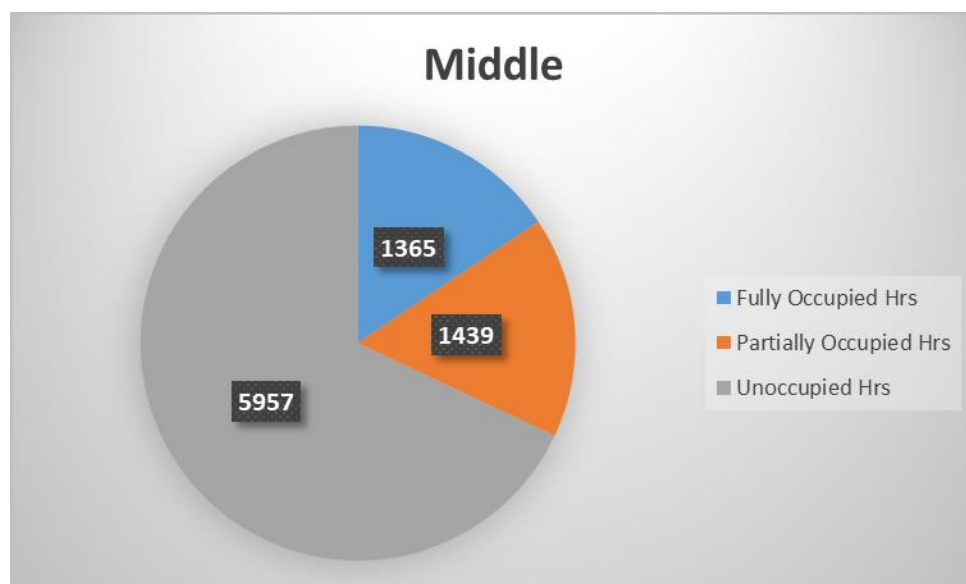
Question No. 1

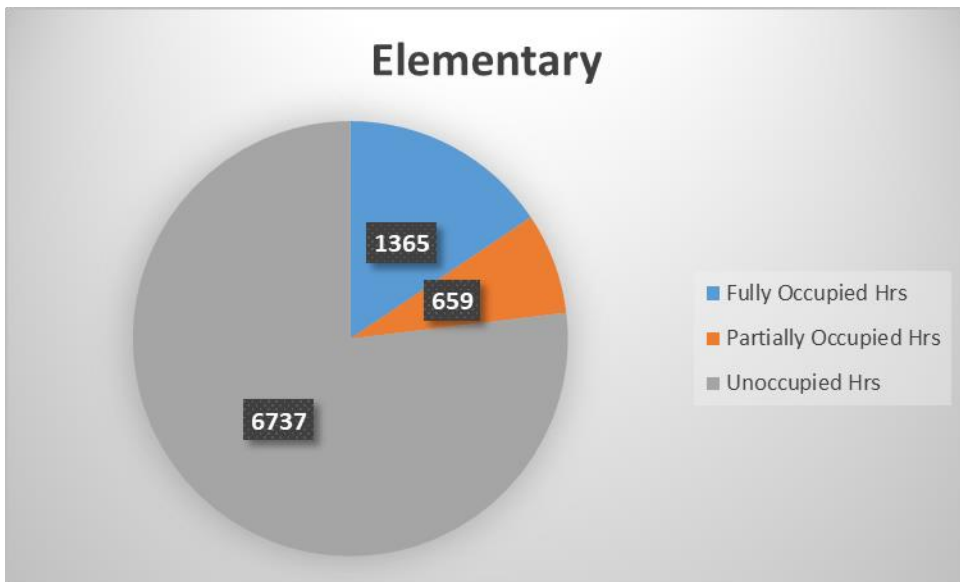
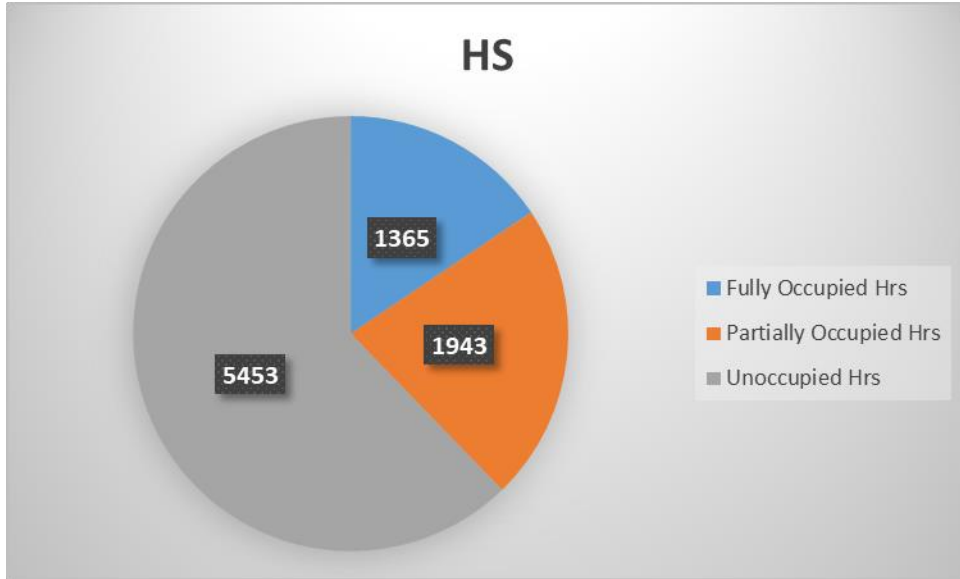
Responding Witness: Ronald Willhite

1. Refer to the Direct Testimony of Ronald L. Willhite, page 6. Provide a graph similar to the graph of the annual Occupied/Unoccupied Hours for:
 - a. A typical middle school.
 - b. A typical high school.

RESPONSE

The charts below are believed to be reasonable estimates of average school building occupancy and may slightly vary between individual districts and schools. The chart included in Mr. Willhite's Direct Testimony has been used to illustrate and emphasize for district personnel the importance of controlling heating, air-conditioning and ventilation to meet the occupancy needs of schools.





In preparing this response KSBA SEMP staff performed a more detailed evaluation to develop the above charts.

	Elementary	Middle	HS
Fully Occupied			
Start	7:30	8:00	8:00
End	14:30	15:00	15:00
Daily Hours	7.00	7.00	7.00
Days/Wk	5	5	5

Wks/yr	39.00	39	39
Total Full	1365	1365	1365
Partial Occupancy			
Weekly Hours	11.5	31.5	38.5
Weeks/Yr	39	39	45
Hrs/yr	448.5	1228.5	1732.5
Summer School & feeding			
Hrs/Week	35	35	35
Weeks/Yr	6	6	6
	210	210	210
Total Partial	659	1439	1943

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Question No. 2

Responding Witness: Ronald Willhite

2. Provide a comparison of monthly bills between Rate L.G.S. and the Pilot Public School Service Tariff for the following:

- a. A typical elementary school.**
- b. A typical middle school.**
- c. A typical high school.**

RESPONSE

See Attachments

KBBA_R_PSC_1_2 Rate Comparison (10-21-17) ES

KBBA_R_PSC_1_2 Rate Comparison (10-21-17) MS

KBBA_R_PSC_1_2 Rate Comparison (10-21-17) HS