

Item No.: ENV-1-023

Witness: Hoffmann

Page 1 of 2

Ague

12/18/97 Mee

DUQUESNE LIGHT COMPANY

Environmentalists' Interrogatories Set I

- 23. With respect to the preceding request seeking the study, memorandum, or other summary document which, in the opinion of the Company, most accurately demographically profiles the Company's customer classes and service territory:
 - a. Please explain how the Company has correlated this information with its load data.
 - b. Provide the most recent document which discusses and/or presents such correlation.

Response:

- a.,b.) Outlined below is the correlated contribution to system peak load for each Residential demographic group and each Commercial and Industrial market segment:

**DOCUMENT
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Customer Class	Customer Group/Segment	System Peak Load Contribution (MW)	Percentage Contribution to System Peak
Residential	Group A - accumulated Wealth	40.9	1.54%
	Group B - Mainstream Families	373.6	14.04%
	Group C - Mainstream Singles	272.5	10.24%
	Group D- Conservative Classics	48.8	1.83%
	Group E - Sustaining Families	48.8	1.83%
	Group F - Sustaining Singles	65.3	2.45%
	Group G - All Others	20.9	0.79%
	Subtotal	870.8	32.72%
Commercial	Utility Services	93.6	3.52%
	Wholesale Trade	31.8	1.19%
	Retail Trade - Food	43.1	1.62%
	Retail Trade - Restaurants	50.9	1.91%
	Retail Trade - Merchandise	106.8	4.01%
	Office Buildings	240.7	9.04%
	Healthcare	85.3	3.20%
	Education	129.3	4.86%
	Services	168.9	6.35%
	Government	49.5	1.86%
	Small Business	195.5	7.35%
	Subtotal	1195.4	44.91%
	Industrial	Industriales - Chemical	56.6
Industriales - Plastics		11.8	0.44%
Industriales - Glass		32.6	1.22%
Industriales - Steel		376.6	14.15%
Industriales - Other		117.7	4.42%
Subtotal		595.3	22.36%
	TOTAL	2661.5	100%