

1 **Q. Please provide the dates of and amount spent by the Company in previous Load**
2 **Research Studies.**

3
4 A. The last purchase of Load Research Study equipment occurred in the early 1990's. The
5 cost of load research meters acquired at that time was included in the total capital costs of
6 metering equipment for the period. Exact amounts spent by year for the load research
7 meters acquired is not readily available. Estimates of capital and operating costs related
8 to the last Load Research Study conducted during the period from 1990-1992 are as
9 provided below:

10
11 ***Capital Costs***

12 Overall capital cost of approximately \$675,000 for the 1990-1992 acquisitions, with just
13 over 300 sample points, was comprised of:

- 14
15 a) \$395,000 Capital cost of hardware for the first two phases of the load
16 research study, including installation (Phase 1, 50 recorders and
17 pulse meters for Rate Class 2.4; and Phase 2, 136 recorders and
18 pulse meters for the Rate Class 1.1).
19
20 b) \$250,000 Capital cost of equipment for Phase 3's 120 sample points
21 (recorders and three phase pulse meters) for Rate Class 2.3 at a
22 cost per sample point of approximately \$2,100.
23
24
25 c) \$ 30,000 Computer software purchased for data retrieval and analysis.
26

27 ***Annual Operating Costs***

28 Overall operating cost of approximately \$120,000 per year for approximately three years
29 was comprised of:

- 30
31 a) \$ 90,000 Estimated internal operating cost that included:
32 1. One full-time load research technician for data monitoring
33 and data analysis.
34 2. Provision of computer software and hardware support by
35 Information Systems.
36 3. Ongoing metering support to deal with equipment
37 maintenance.
38
39 b) \$ 30,000 Telephone line charges primarily for line rental and long distance
40 charges. Line rental costs were incurred as dedicated telephone
41 lines were used to retrieve the data on the Rate 2.4 customer class.
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