

PROPOSED REGULATION OF THE PUBLIC UTILITIES

COMMISSION OF NEVADA

LCB File No. R110-99

September 13, 1999

EXPLANATION – Matter in *italics* is new; matter in brackets ~~[omitted material]~~ is material to be omitted.

AUTHORITY: §§1-12, NRS 703.025 and 704.981.

Section 1. Chapter 704 of NAC is hereby amended by adding thereto the provisions set forth as sections 2 to 12, inclusive, of this regulation.

Sec. 2. *As used in sections 2 to 12, inclusive, of this regulation, unless the context otherwise requires, the words and terms defined in sections 3 to 8, inclusive, of this regulation have the meanings ascribed to them in those sections.*

Sec. 3. *“Customer” has the meaning ascribed to it in NRS 704.968.*

Sec. 4. *“Electric distribution utility” has the meaning ascribed to it in NRS 704.970.*

Sec. 5. *“Electricity demand” means the average value of power, expressed in kilowatt hours, over a specified interval of time.*

Sec. 6. *“Interval meter” means a device for registering and recording electricity demand in discrete time intervals.*

Sec. 7. *“Load profile” means the quantified relationship between electricity load, measured in kilowatt hours, and time, based on each hour of the day, for a particular customer or group of customers during a specific period.*

Sec. 8. *“Load profiling service” means the production of load profiles using statistical or engineering methods.*

Sec. 9. 1. *An electric distribution utility shall, in accordance with its plan for load profiling that has been approved by the commission, conduct sampling, collect data and prepare load profiles for all customers whose usage of electricity is not registered and recorded by an interval meter.*

2. No later than 2 days before a settlement day, the electric distribution utility shall make available on its public website on the Internet hourly load profiles, including a complete description of all supporting models, documentation and data obtained from the sampling, collection of data and preparation of load profiles performed pursuant to subsection 1. The hourly profiles posted on the Internet must be in a format that is readily accessible and capable of being processed by interested persons, the staff of the commission and the bureau of consumer protection in the office of the attorney general. The electric distribution utility shall also make available on its public website on the Internet 2 years of historic data concerning hourly load profiles, including associated weather information and information which shows the proportion of meters that are interval meters within the electric distribution utility. The electric distribution utility shall update the hourly load profile data and associated weather information monthly.

3. No later than the date on which customers may begin purchasing services from alternative sellers, an electric distribution utility shall have in place all necessary systems required by this section to provide the load profiling service beginning on that date.

4. As used in this section, “settlement day” means the day on which an independent scheduling administrator receives the preliminary monthly settlement data.

Sec. 10. *No later than 30 days after the effective date of this regulation, an electric distribution utility shall file with the commission an application for the approval of the complete plan for load profiling of the electric distribution utility and any proposed changes to be made to its distribution tariff to carry out the requirements of subsection 1 of section 9 of this regulation. The plan for load profiling must include:*

1. All methods and protocols to be utilized for sampling and the collection of data, including procedures for determining sample sizes and the use of interval meters for producing load profiles. If stratified random sampling is used, the plan must include a report on the methodology and procedures used for determining the strata of the market and the sample size for each stratum.

2. All statistical methods and protocols to be utilized for load profiling, including:

(a) The criteria and procedures for examining, editing and verifying the sample meter data and a description of how these criteria and procedures comply with the standards and protocols for metering and data approved by the commission;

(b) The statistical methodology for producing the load profiles to be made available on the Internet pursuant to section 9 of this regulation;

(c) The methodology for collecting the hourly load information from the sample of interval meters required by section 9 of this regulation;

(d) Information supporting whether load profiles based on engineering estimates or deemed load profiles are appropriate for particular market segments; and

(e) If the market segment proposed by the electric distribution utility differs from the market segmentation in its existing rate schedules, detailed documentation on the methodology and results of studies conducted to support the proposed market segment for

distinct load profiles. The documentation must include the impact of the proposed market segment on the costs of load profiling.

3. An explanation of the results, equations and formulas used in each of the statistical methodologies and protocols described in subsection 2.

4. An incremental cost estimate for providing the new load profiling service recommended in the application of the electric distribution utility.

5. A detailed description of the final recommendations of the electric distribution utility for its load profile study, including, without limitation, the frequency, customer classes, applicable time frames, market segmentation and file format of the information to be made available on the Internet pursuant to section 9 of this regulation.

6. A proposal for recovery of the incremental costs associated with providing the load profiling service and the justification for the proposal.

Sec. 11. *On or after the date on which customers may begin purchasing services from alternative sellers, an electric distribution utility, the staff of the commission, the bureau of consumer protection in the office of the attorney general or any interested person may file an application with the commission to change the load profiling plan of the electric distribution utility. Such an application must include:*

1. All of the information described in section 10 of this regulation; and

2. A detailed description and other relevant analyses of any deficiencies in the previously approved plan for load profiling.

Sec. 12. *No later than July 1, 2001, and each year thereafter until the load profiling service of an electric distribution utility has fully ceased, the staff of the commission shall file*

a report for consideration by the commission on the status of the load profiling service of the electric distribution utility. The report must include, without limitation:

- 1. The status of the market penetration and use of interval meters in the State of Nevada;*
- 2. The status of available metering technology;*
- 3. Recommendations of dates for the phase-out of load profiling based on customer groups, load levels and consumption behavior;*
- 4. Recommendations for the discontinuance of distribution services to customers, unless interval meters are utilized; and*
- 5. Relevant documentation, data and information supporting the status reports and recommendations required by subsections 1 to 4, inclusive.*