

SECTION 17
DEMAND

17.1 DEFINITION OF DEMAND

Demand is the greatest use of customer's connected load at any one time.

17.2 DETERMINATION OF DEMAND

Unless otherwise specifically provided in the rate, the determination of demand may be by estimate or measurement by the Company in all cases where its use is necessary to the application of the rate.

17.3 DETERMINATION OF DEMAND BY MEASUREMENT

The measured demand may be determined by use of either an indicating or recording instrument, showing, unless otherwise specifically provided, the greatest 15-minute integrated rate of use of energy.

17.4 SPECIAL CASES

A. EXTRAORDINARY LOADS

Special permission may be given by the Company at its option to increase the maximum load upon extraordinary occasions for a certain definite period.

B. FIXED LOADS

In cases of services where the use of equipment is definitely known to be such that a fixed relationship exists between the demand and total connected load, the demand for billing purposes may be based on special load test or temporary demand measurements.

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Docket No. 97-580

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17.4 SPECIAL CASES (Continued)

C. SHORT DURATION LOADS

Where the load is of short duration in nature such as draw bridges or pumping stations, the demand shall be established based on the minimum transformer capacity necessary to supply the service. The minimum capacity to serve will generally be determined by measuring the demand on a basis of intervals less than 15 minutes or estimated based upon the equipment being served.

D. INSTANTANEOUS OR HIGHLY FLUCTUATING LOADS

The instantaneous and highly fluctuating part of loads created by transformer-type welders, x-ray apparatus, motors and similar equipment will not be considered in the determination of demand. When excess facilities must be provided by the Company for transformer-type welders, x-ray apparatus, motor starting and similar situations, the customer will be subject to a special facilities charge based on the additional capacity required to serve such loads, as provided for in Section 13 of the Terms & Conditions.

E. UNSATISFACTORY POWER FACTOR

Except where power factor provisions are specifically provided in the rate under which service is furnished, the Company may make special determination of the demand to compensate for such demand in cases where equipment of less than 80% power factor is used.

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