

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

A SERVICE AGREEMENT BETWEEN NEWPORT )	
STEEL CORPORATION AND THE UNION )	CASE NO. 90-068
LIGHT, HEAT AND POWER COMPANY )	

O R D E R

On March 7, 1990, The Union Light, Heat and Power Company ("ULH&P") filed with the Commission a special contract for retail electric service to Newport Steel Corporation ("NSC"). The contract has a 10 year term commencing February 1990. The contract provides for NSC's electric service to be billed pursuant to ULH&P's Rate TT and Rider LM as on file and approved by the Commission as of January 30, 1990, subject only to subsequent modifications as provided for in the contract.

By Order entered on March 27, 1990, the Commission suspended the proposed contract through September 6, 1990. On May 4, 1990, the Commission requested ULH&P to provide additional information regarding the provision of service to NSC under the proposed contract. The requested information was filed on June 8, 1990. On July 6, 1990, the Commission issued an Order scheduling a hearing for August 1, 1990 and identifying several issues pertaining to the proposed contract with NSC that concerned the Commission. These issues included a history of the various rate schedules used to serve NSC since November 1982, ULH&P's prohibition of cogeneration of electricity by NSC, and the

scheduled increase in rates totaling 20 percent over the life of the contract. On July 30, 1990, a witness for ULH&P filed testimony specifically addressing the Commission's concerns as expressed in its Order dated July 6, 1990.

The contract specifies that NSC intends to install a continuous caster at its existing Wilder, Kentucky plant by June 1, 1991. ULH&P desires to continue to supply the electric power and energy required to operate NSC's Wilder plant and is willing to supply the energy that will be required to operate the new continuous caster facility. The contract also specifies that ULH&P desires to obtain interruptible and curtailable load.

In Sections 3.2 and 3.3 of the contract, specific interruptible and curtailable provisions are established. Until NSC demonstrates to ULH&P that it is engaging in a three furnace operation and that it has the ability to interrupt all furnace load within 10 minutes of notification to interrupt that load, NSC's billing load will be designated as either firm power or curtailable power. Firm power is initially designated to be 6 MW, and may be redesignated by NSC each year. All load in excess of firm power will be deemed curtailable power. NSC will curtail such load within one hour of notice by ULH&P. NSC will receive a credit of \$2.38 per KW per month on all curtailable load.

Subsequent to NSC's demonstration of a three furnace operation and the ability to interrupt all load within ten minutes of notification, NSC's billing load will be designated as firm power, curtailable power, or interruptible power. Firm power will be designated annually by NSC and will not be subject to

interruption by ULH&P. Curtailable power will be designated annually by NSC. All load designated as curtailable will be curtailed by NSC upon a one hour notification by ULH&P and only during on-peak hours as established by the North American Electric Reliability Council. Curtailable load will be entitled to a credit of \$2.38 per KW per month. Interruptible power will be that load in excess of the sum of firm power and curtailable power and will be interrupted by NSC within a ten minute notification by ULH&P. Interruptible load will be entitled to a credit of \$4.45 per KW per month.

The Commission finds that the interruptible and curtailable provisions established by this contract are reasonable and provide appropriate incentives for NSC to manage its load. ULH&P's entire electric system will benefit as a result of such load-management techniques. The Commission encourages the continued utilization of load-management and other demand-side management practices by ULH&P.

Article I of the proposed contract requires NSC to purchase all of its electric power and electric energy requirements from ULH&P during the term of the contract. In addition, the contract specifically prohibits NSC from obtaining power and energy from any other supplier and from engaging in the cogeneration of electricity for the purpose of displacing power and energy provided by ULH&P. ULH&P stated that this prohibition of cogeneration was enacted in order to optimize the opportunity for ULH&P to recover its investment in new service facilities to serve

NSC's expanded load.<sup>1</sup> According to ULH&P, it will spend approximately \$1,600,000 to upgrade its service to NSC.

The Commission hereby finds that this contractual prohibition of cogeneration runs counter to the Commission's express intent to encourage cogeneration.<sup>2</sup> Moreover, the enactment by Congress of Title II of the Public Utility Regulatory Policies Act of 1978 ("PURPA") establishes a clear public policy in support of cogeneration. Under PURPA, the Federal Energy Regulatory Commission ("FERC") was required to adopt rules to encourage cogeneration and small power production by requiring electric utilities to sell electricity to qualifying cogeneration and small power production facilities and purchase electricity from such facilities. Section 210(f) of PURPA required the state regulatory authority with jurisdiction over electric utilities to implement the FERC rules. The Commission's regulation 807 KAR 5:054 was promulgated in order to implement these FERC rules. ULH&P acknowledged that the intent of PURPA was to encourage cogeneration of electricity.<sup>3</sup>

---

<sup>1</sup> Response to Commission's Order dated May 4, 1990, Item 17.

<sup>2</sup> Case No. 8566, Setting Rates and Terms and Conditions of Purchase of Electric Power From Small Power Producers and Cogenerators by Regulated Electric Utilities, Order dated June 28, 1984.

<sup>3</sup> Transcript of Evidence, page 32.

The Commission intends to continue encouraging the development of cogeneration and small power production within the Commonwealth. For this reason, the Commission cannot approve this provision of ULH&P's contract with NSC as long as it prohibits the cogeneration of electricity.

Section 3.5 of the proposed contract establishes a schedule of automatic rate increases to be implemented during the ten year term of the contract. The rate increase schedule specifies effective dates and rate increases which will result in a total 20 percent increase over the term of the contract. The automatic rate increase schedule is as follows: effective June 1, 1991 the rates for service provided to NSC will be increased by 6 percent; effective June 1, 1992 the rates for service will be increased at a rate equivalent to the increase in the Consumer Price Index between December 31, 1990 and December 31, 1991, but not to exceed 4 percent; the difference between the rate in effect on June 1, 1992 and the total 20 percent increase will be effective for the final 12 months of the contract. The contract specifies that NSC can choose to increase its rates up to the 20 percent at any time prior to the last 12 months of the contract.

ULH&P contends that the 20 percent revenue increase was developed to provide NSC with some assurance of rate stability to help justify NSC's investment in the new continuous caster facility and that the 20 percent was based on an estimated 25 percent increase in electric rates related to addition of the

William H. Zimmer Generating Station.<sup>4</sup> Though ULH&P contends that this 25 percent rate increase figure had been widely quoted in the press, it filed no documentation in support. ULH&P contends that in order to arrive at the 20 percent rate increase for NSC, the 25 percent estimated overall rate increase related to the Zimmer plant is multiplied by a factor of 0.8. This factor is similar to that proposed in ULH&P's current rate case before the Commission, Case No. 90-041. In that case, ULH&P has asserted that its cost-of-service study indicates that the residential class should receive an increase of 1.2 times the overall requested rate increase in order to bring their rates in closer alignment with their cost of service. The balance, or 0.8 times the overall increase, would then be allocated to the remaining rate classes, including industrial customers such as NSC.

The Commission finds that a schedule of automatic rate increases, such as that proposed by ULH&P in this contract, does not properly consider cost causation and would result in future rates being established without reference to cost-of-service studies. The Commission will not grant pre-approval to automatic rate increases for any customer (particularly where such increases are to become effective over a 10 year term) that are based on estimated costs with no supporting cost analysis or documentation. The automatic rate increase provision of ULH&P's contract with NSC has not been shown to result in rates that will be fair, just, and

---

<sup>4</sup> Response to an Information Request of the Commission during the Hearing, filed on August 13, 1990.

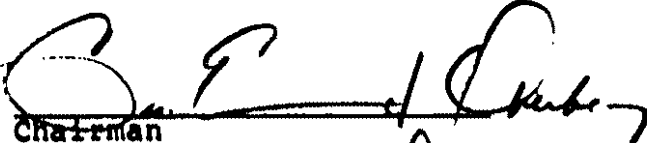
reasonable over the 10 year term of the contract. Therefore, the Commission must reject that provision.

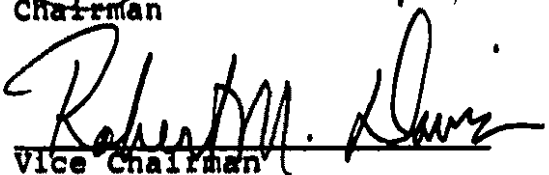
Should ULH&P and NSC decide to revise the proposed contract by deleting the prohibition of cogeneration and the automatic rate increases, the Commission will expedite its investigation and review of such a revised contract.

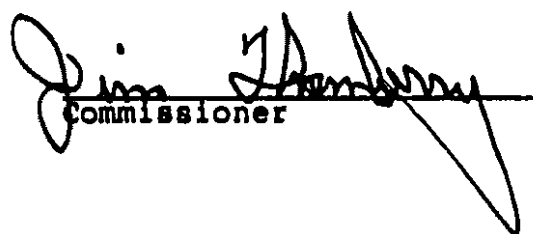
IT IS THEREFORE ORDERED that ULH&P's proposed contract with NSC be and hereby is denied.

Done at Frankfort, Kentucky, this 27th day of September, 1990.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

  
Executive Director