

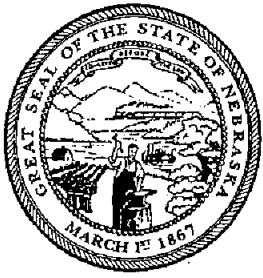
District Name Southwest P.P.D.  
Initial Contact Don Suda, G.M. Phone 308-285-3295  
Referred To Collin Phone 308-285-3295

**For Entire District (South of Platte River) we would like:**

- 1) The number of irrigation customers billed *by Dist.,*
- 2) KWH sold by District or by Township or by Section if available
- 3) Billing Horsepower (Demand)
- 4) If convenient Use Codes for the type of installation being metered (i.e. Pivot motor, well, re-use pit )
- 5) Irrigation Type (i.e. pivot, gated pipe, sprinkler)
- 6) Would it be beneficial for us to come to your office? We are striving to meet a December compilation date to honor our agreement with Kansas & Colorado. How long do you think it would take to compile and transmit the data?

**Database or Spreadsheet format preferred, but photocopy better than nothing.**

# STATE OF NEBRASKA



DEPARTMENT OF NATURAL RESOURCES  
Roger K. Patterson  
Director

November 7, 2003

IN REPLY REFER TO:

Mike Johanns  
Governor

Don Suda, General Manager  
Southwest Public Power District  
221 North Main St.  
P.O. Box 289  
Palisade, NE 69040

Dear Mr. Suda:

Although we have already spoken over the telephone, I am sending you this letter to formalize my request for data.

I am contacting you to request power record information from your district in order to update the Republican River Compact Administration groundwater model. As you are probably aware, this model was developed as part of the settlement of the Republican River Compact litigation. The purpose of the model is to determine the stream flow depletions that result from the consumptive use of groundwater. The determination of stream flow depletions are needed for the accounting formulas required by the Compact. A key input to the model is the amount of water pumped by groundwater wells. It is important to Nebraska that we get accurate estimates of groundwater pumpage so that we can both stay in compliance with the compact and at the same time make the most efficient use of the water Nebraska is entitled to use under the Compact. Currently most irrigation pumps in the region are not equipped with flow meters. Therefore, we use power record data to make the best estimate of irrigation application volumes, a main input to our model. Although irrigation flow meters are being installed in the Republican River Basin, we do not anticipate the completion of these installations until 2005. In the meantime, we are dependent on indirect estimation of irrigation application through the use of power records.

Specifically, we need three key pieces of information for the years 2001, 2002 and 2003: the number of irrigation customers, kilowatt hours sold to irrigation customers, and the horsepower demand for irrigation customers. We need these data for the entire Southwest Public Power District. The ideal data set would be in digital form, and include data broken down by township or even sections. Use codes indicating the sources of power consumption (eg. Pivot motor, well, re-use pit) would also be very helpful. The more specific the data, the better; however, more generalized data are definitely useful.

---

Don Suda  
November 7, 2003  
Page 2

We need the 2001 and 2002 data as soon as possible, but our deadline for the 2003 data is not as pressing. If the 2003 data are not available yet, could you please give us some idea of when those data will be available?

We appreciate your cooperation on this matter of importance to Nebraska. Please feel free to contact me if you have any questions or concerns.

Sincerely,

A handwritten signature in cursive script that reads "Mike Thompson".

Michael T. Thompson  
Natural Resources Specialist

pk