

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

North Shore Gas Company	:	
	:	Docket No. 11-0280
Proposed general increase in rates for gas service.	:	
	:	(Cons.)
	:	
Peoples Gas Light and Coke Company	:	
	:	Docket No. 11-0281
Proposed general increase in rates for gas service.	:	
	:	

**STAFF OF THE ILLINOIS COMMERCE COMMISSION
MOTION FOR LEAVE TO FILE LATE FILED STAFF EXHIBIT 21.0**

Pursuant to 83 Ill. Adm. Code 200.190, Staff of the Illinois Commerce Commission (“Staff”), by and through its undersigned counsel, hereby moves for Leave to File Late Filed Exhibit 21.0

1. At the evidentiary hearing on August 31, 2011, the Companies offered into evidence NS-PGL Cross Ex. 3 which was a portion of a book entitled “A Step by Step Approach to Using SAS for Factor Analysis and Structural Equation Modeling.” Tr., August 31, 2011, p. 565. The entire document was over 600 pages long and the cross exhibit consisted of the table of contents and Chapter 1, Principal Components Analysis. Id., p. 566. NS-PGL Cross Ex. 3 was subsequently admitted into evidence. Id., p. 621.

2. Section 200.670(c) of the Commission’s Rules of Practice provide that the relevant portions of voluminous books, papers and documents can be offered into

evidence so as to not encumber the record. Section 200.670(c) also provides that other parties and Staff can offer into evidence other portions of the voluminous document if found to be relevant. *Id.*

3. Staff has marked for identification and attached to this Motion Staff Ex. 21.0. Staff Ex. 21.0 is a single page document (page ix from “A Step by Step Approach to Using SAS for Factor Analysis and Structural Equation Modeling”) which is listed in the table of contents of NS-PGL Cross Exhibit 3.0 but was not part of NS-PGL Cross Ex. 3.0 offered or admitted into evidence. Page ix follows page five of NS-PGL Cross Ex. 3.0 and would go before page six of NS-PGL Cross Ex. 3.0.

4. Page ix of “A Step by Step Approach to Using SAS for Factor Analysis and Structural Equation Modeling” indicates the purpose of the book and its intended audience. Under Purpose on page ix, the document states in part “A step-by-step approach to using the SAS system for factor analysis and structural equation modeling is designed to provide an easy-to-understand introduction to some of the more advanced statistical procedures used in social science research.” and under Audience it states “[t]his text is designed for students who are learning about these procedures for the first time as well as for researchers who need to perform the analysis in applied research.” Staff Ex. 21.0. The evidentiary record currently does not include that and other relevant information found on page ix.

5. In order to provide the Commission with a complete record, Staff respectfully requests that the Administrative Law Judges (“ALJs”) grant Staff leave to file and admit into evidence Staff Ex. 21.0, page ix from “A Step by Step Approach to Using SAS for Factor Analysis and Structural Equation Modeling.”

WHEREFORE, Staff respectfully requests the ALJs grant Staff leave to file and admit into evidence Staff Ex. 21.0.

Respectfully submitted,

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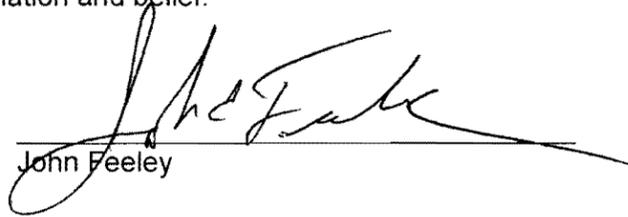
October 6, 2011

*Counsel for the Staff of the
Illinois Commerce Commission*

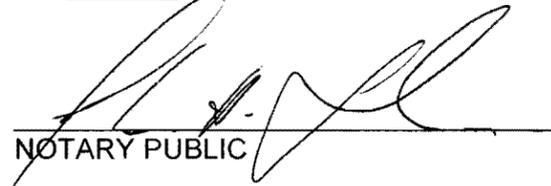
State of Illinois)
)
County of Cook)

VERIFICATION

I, John Feeley, being duly sworn upon oath, states that he is one of the attorneys for the Staff of the Illinois Commerce Commission, in this proceeding; that he has read the foregoing motion, that he is familiar with the facts set forth therein, and that they are true and correct to the best of his information and belief.


John Feeley

Subscribed and sworn to before me
this 6th day of October, 2011.


NOTARY PUBLIC



Using This Book

Purpose

A step-by-step approach to using the SAS system for factor analysis and structural equation modeling is designed to provide an easy-to-understand introduction to some of the more advanced statistical procedures used in social science research. Part I illustrates the use of exploratory factor analysis and its close relative, principal component analysis. Part II covers path analysis with manifest variables, along with procedures that are used to test LISREL-type models (such as confirmatory factor analysis and path analysis with latent variables).

This text assumes that you have no prior knowledge of these procedures. Therefore, the text covers the procedures at an introductory level. Nonetheless, after completing a chapter on a given topic, you will understand the basic issues related to the analysis. You will also be able to write SAS programs to perform the analysis, to interpret the results, and to prepare tables and text that summarize the results according to the guidelines of the *Publication manual of the American Psychological Association* (the most widely used publication format in the social science literature).

Audience

This text is designed for students who are learning about these procedures for the first time as well as for researchers who need to perform the analyses in applied research. Although this material requires little prior knowledge concerning other statistical procedures, the text will probably be more easily understood by those who have completed an elementary statistics course. This text does not require the use of matrix algebra or complex mathematical formulas. The few mathematical computations required of the reader typically involve simple operations such as addition or division.

You do not need to be familiar with the SAS System to use this text. Appendices A.1 – A.5 in the book describe virtually everything you need to know to write SAS programs that

- input data (either as raw data or as correlation or covariance matrices)
- transform variables
- create new variables
- create data subsets
- perform simple descriptive statistics
- create scattergrams
- perform simple correlations

With these appendices, this volume is a *self-contained* introduction to the SAS System that shows you how to create data sets and perform advanced statistical procedures.