

**Gas Industry Standards Board
Future Technology Task Force
October 9, 1998
Duke Energy, Houston, Texas
Draft Minutes**

Call to Order

Susan Croley, Chairperson of the Future Technology Task Force (FTTF), called the meeting to order at 9:02 AM, on October 9, 1998 at the Duke Energy offices in Houston.

Antitrust

Susal Croley read the GISB antitrust statement.

Agenda

With no objections, the printed agenda was adopted.

Minutes

Richard Hamilton of Williams Natural Gas volunteered to take the minutes of the meeting.

Minutes From Previous Meetings

With no objections the revised minutes posted on the web site from the August 31 - September 2, 1998 meeting were approved.

Item 4 - Review of status of FTTF recommendations to EII

Susan reviewed the status of the FTTF recommendations to EII.

Item 5 - Defining the client-side firewall requirements for EDM (including new requirements for accessing Customer Activities sites)

The following principle, standard, and guidelines were moved by Richard Hamilton of Williams and seconded by Pete Hollyer of Altra:

Principle: Transportation Service Provider EDM* implementations should minimize the number of ports required to be opened on the client side firewall.

Standard: TSPs should be limited to the GISB approved list of available TCP ports for EDM* implementations included in the appendix in the Electronic Delivery Mechanism Related Standards manual under Client Firewall Requirements for Service Provider EDM Implementations.

Guidelines:

Client Firewall Requirements for Service Provider EDM Implementations.

FTTF recommendations include the potential modifications needed in the client-side firewall to allow for comminations with the various service providers' EDM* implementations.

The following is a list of allowable TCP ports available for use by a Service Provider. Upon request, the TSP should indicate to their trading

partners which specific ports they will require to be opened to conduct electronic communication.

Allowable TCP Ports (not UDP ports)

HTTP	80, 5713, 6112, 6304, 8674, 7403
SSL	443
ICA	1494
RMI(Java)	1099-1100
Java Telnet	31415
TCP Optional	8001-8020**

There are other technologies available that will require additional ports to be opened, such as FTP, Telnet, and SMTP. If and when GISB approves such technologies, FTTF will modify this list of allowable ports accordingly.

The client-side firewall implementation and client browser settings should permit the downloading and installation of GISB approved plug-ins and modules. Please refer to the GISB defined Minimum Technical Characteristics for Accessing Customer Activities Web Sites for the listing of plug-ins and modules.

These guidelines will be reviewed and updated by the Future Technology Task Force, at a minimum, by the spring of each year and presented to the GISB Executive Committee for adoption by the June meeting of that group.

*All GISB standard Internet communications

**The reservation of 20 optional ports was to provide room for implementations such as DCE, IIOP, and load balancing implementations. TSPs should endeavor to minimize the usage of these ports.

The motion passed unanimously with 16 votes.

Segment	Yes	No	Abstain
Pipelines	9	0	0
LDCs	1	0	0
Services	6	0	0
End Users	0	0	0
Producers	0	0	0
TOTAL	16	0	0

Item 6 - Assignments and further research

There was a review by Pete Hallyer on the discussion of Flat File Development from the Technical Sub-Committee meetings. There was discussion about the need and direction of further research on the Flat File standards by the Technical Sub-Committee.

Item 7 - Define requirements and schedule for the next FTTF meeting

The date for the next meeting of FTTF is October 19-20 at Duke Energy. It was determined the items to be included in the next FTTF meeting will include Flat File EDM and initial discussion of validation of minimum hardware technology for EDM.

Meeting Adjourned.
On motion, the FTTF was adjourned.