



Appendix A — Summary of Customer/Stakeholder Input

As discussed in the Introduction section, ATC has conducted a full system planning meeting and individual zone planning meetings the past two years to inform interested parties of the findings, alternatives and conclusions from prior Assessments. This Appendix summarizes the input received by ATC at the planning meetings held in the fall of 2002.

ATC Full Transmission System Public Planning Meeting Appleton, Wis. September 5, 2002

Responses to small group questions

1) Overall reaction to Public Planning Process?

- a. Positive/Negative/Neutral – Why?
 - the process is necessary, but cumbersome
 - pleased that the public is brought into the planning process
 - the process is slow
 - the multi-tiered approach is beneficial
 - the process is behind the times
 - public discussion is good and getting better
 - need sensitivity analysis for different generation
- b. What element is most important to you (or those you represent)?
 - that the public perceive the critical needs of the transmission system; more education
 - explain the risks/consequences of ignoring these needs
 - loop flow issues
 - how do we ensure Wisconsin benefits and does not pay too much
- c. How can it best incorporate/coordinate with your processes?
 - stakeholders need a better understanding of constraints
 - exchange ideas with local planning groups in separate meetings
 - include issues/threats at the federal level and provide a method for feedback
- d. Anything missing?
 - it is difficult to determine what plans are certain, as in, What will or will not be built in response to the noted system problems?
 - prioritization and timeline of projects/ solutions to recognized problems
 - what is the short-term plan?
 - a standing citizen advisory committee
 - make more information available to the public
 - Right-of-way plans to accommodate new transmission facilities
 - cost-benefit analysis
 - Locational marginal pricing to quantify benefits
 - more coordination between transmission and distribution

2) Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

- a. Positive/Negative/Neutral – Why?
 - it is good because load must be served
 - reliability is increased
 - it is long overdue
 - “good luck”
 - what is the relation to PSC Strategic Energy Assessment?
 - understandable terms are needed
 - too little, too late
 - good idea, it’s about time
- b. Any perceived benefits/costs driving reactions?
 - it is difficult to determine the correlation between who pays and who benefits for any given system expansion
 - price differential
 - many times the public is unaware of the needs for reinforcing the transmission system because there are very few outages that impact them
 - avoid California situation
 - who determines level of improvement needed? (Cadillac vs. Chevy)
 - load isn’t discussed, translate overloads into local need because money is what drives the plan

3) Areas of highest concern (re: transmission or transmission planning process)?

- a. For each – is it currently being addressed?
 - getting projects completed
 - money available
 - maintaining the existing system
 - help bringing in more sources
 - public needs to be aware of the need and to be kept informed
 - use existing right-of-way
 - underground alternatives
 - describe problems in real terms
 - needs do not seem real because impacts are not seen
 - environmental and other impacts
 - what is the environmental screening process?
 - reliability
 - relieve congestion
 - who provides annual growth rates?
 - other technologies entering the market

What information would you like to have in order to effectively participate in the planning process?

- available capital
- being open and transparent in the options process (Power World)
- budget allocations
- project priorities
- how are costs encompassed by rates?
- educate the public on the needs/ drivers for planning
- quantify uncertainty
- annual load projections for specific regions
- explain the responsibilities of transmission, distribution, generation and regulating entities
- explain the responsibility of MISO, MAIN, MAPP, FERC
- need to communicate with local governments
- what are our priorities?
- more information on what is currently being done
- what is the cost and impact on customers
- compare Wisconsin's transmission facilities to other states in the region

b. How would you like to receive this info? When/how often?

c. Reaction to current summary/full Assessment reports?

d. Do you need more information about the current state regulatory processes for siting approvals?

- yes, more information on transmission right-of-way would help

Large group comments and questions

- what is the difference between old planning methods and new methods in the deregulated environment?
- what are the planning initiatives in Door County?
- compare ATC's treatment of initiatives for new generation versus new transmission
- what is ATC's role with FERC and SMD formation?
- what is ATC's role with MISO?

using existing corridors for the Arrowhead – Weston line

Comment cards and meeting evaluation form notes

Topical questions/ comments:

- how long does it take to complete a Generator Interconnection Study?
- how long does it take to get a Transmission Service request completed?
- when will the Chicago/Illinois constraint be relieved?
- do the 10-Year Assessment's generation and transmission upgrades meet or exceed the forecasted load growth?
- at the end of the 10-Year period, will ATC's network customers be able to purchase from generator inside the ATC system and be granted firm service?
- identify the specific power plants assumed in load flow studies
- discuss a specific project process from beginning to completion
- the general public needs to be made aware of the ramifications of doing nothing to improve the transmission system
- involve the general public more
- "Keep in touch with the needs of all concerned. Great Job thus far!"
- "Be more open with providing information to customers!"
- make meetings low-key and simple
- provide answers to the questions raised by the small groups
- show the decision making process from plan to project
- unsure of the value for general meeting versus individual zone meetings
- "Good overview of entire system. Planning Zone meetings can provide more in-depth detail."
- identify most severe problems, repercussions, and timeframes
- provide a summary of projects under construction within the next year
- the summary reports are a good idea, please continue them
- quick discussion of terms, acronyms and relationships (FERC, MISO, MAIN, MAPP, etc.)
- follow-up with items raised in small groups

Logistical comments:

- the planning circle is difficult to see from the back, a handout would be nice
- Power World was a nice feature
- coffee should be available at the beginning of the meeting
- the small group portion was helpful
- make agenda items available via internet prior to meetings
- include more basic information in handouts
- appreciated time allotted for group discussion
- allow more time for small groups
- good balance of information with feedback and discussion time

Meeting Comments
Zone 1
Rhineland, Wis.
October 16, 2002

Responses to small group questions

1. What is your overall reaction to ATC's Public Planning Process?

- a. Is it positive, negative, neutral; why?
 - Input from many segments is good
 - Comprehensive
 - Good forum, continue public forums
 - This year's documents are better than last year's
 - Larger transmission lines are a concern
 - Disappointed that Arrowhead – Weston discussion took so much time
 - Impressed that ATC is looking for comments
 - Good organization of the whole planning concept; it is pro-active
 - Overall process is good, but it took a long time to react to Rhineland problems
 - Positive, the decisions are data-driven
 - Positive, communication between ATC and local communities/entities aids good planning
 - Neutral, look at total solution/energy plan and not only transmission
- b. What element is most important to you (or those you represent)?
 - Keep the process dynamic
 - Make sure that everyone is involved who needs to be
 - Reliability from an industrial perspective
 - Stability issues
 - Antigo 345kV
 - Stray voltage in the Waupaca area
 - Use of farm land versus forested areas
 - Overall power reliability
 - Public input
- c. How can it best incorporate/coordinate with your processes?
 - Involve persons issuing permits early in the process
 - Have meetings like this more often
 - Incorporate local government planning processes
 - Communicate plans with general public – integrated planning
 - Public should be involved before projects are proposed
 - Broaden information and put out for general public
- d. Anything missing?
 - Inter-zone presentations are needed
 - Strengthen purpose and need in environmental area
 - Lack of integrated planning, What's best for the state of Wisconsin?
 - Wisconsin needs an energy policy
 - Landowners are left out
 - Real-life PowerWorld demonstration
 - The needs are immediate, but the solutions are a long way off
 - Timeframes for upgrades are too far off

2. Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

- a. Positive/Negative/Neutral – Why?
 - Agree with the plan
 - Take action on the plans
 - Growth of the system is not fast enough
 - Wish things could stay as they are
 - Good justification of existing needs
 - Look at upgrading existing facilities rather than new lines on new right-of-way
 - Use existing corridors and upgrades
 - Positive, have a broad overall plan that encompasses the state, not only regions (zones)
 - Positive, the aging transmission system needs attention
 - Long-range plans are integrated with short-term/immediate needs
 - Neutral, realizing the ideals of the public planning process model is difficult
 - Positive, but the process is too political and slow
- b. Any perceived benefits/costs driving reactions?
 - Arrowhead – Weston is needed
 - Arrowhead – Weston is not needed
 - There are areas that need reinforcement
 - Does planning look at loss of load?
 - Need to solve problems now
 - Surprised it takes so long to build infrastructure. What will industry do in the meantime?
 - The Housing industry, hundreds of new houses
 - The public is unaware of what is going on in Northern Wisconsin in regards to electric power
 - ATC looks at supply-side fixes and not DSM solutions (distributed generation)
 - Utilities have the responsibility to serve
 - Electricity provides money to pay rate increases via jobs
 - Unreliable service is very costly
 - Lack of integrated planning; Are we getting the biggest bang for the buck?
 - Good to use railroad corridors
 - Upgrades needed for economic survival
 - Coordinate so there are no surprises
 - Look at alternatives to transmission, integrated planning and community support on a case by case basis
 - Need a broad energy plan
 - The system needs reliability upgrades
 - Mistrust exists

3. What areas are of highest concern to you? (re: transmission or transmission planning process)

- Public education
- Instability of existing Rhinelander system
- Expedite projects
- How is condemnation dealt with?
- That ATC considers comprehensive plans not only transmission
- Integration
- ATC's ability to listen to all stakeholders
- Give the public facts
- Reliability
- Take the lead in conservation and exploring other alternatives
- Where does electricity go?
- Keep the public informed and give them facts
- Landowner rights
- Safety - lines don't fall; people don't get hurt
- ATC must make up for past non-action
- Assurances that ATC picks the right projects
- The general public is uninformed
- More advertising
- More presentations throughout the area; the public needs to know there is a problem
- Tape the meetings or presentations and air them on public access television
- Power quality and outages
- Are ATC's processes going to be any different than the prior utilities?
- Meeting the growing demand for power
- Alternatives; i.e. local generation versus transmission
- Reliability now and capacity later
- Balancing the public education portion of the planning process with actually completing system upgrades

4) What information would you like to have in order to effectively participate in the planning process?

- Keep the information in lay terms
- Notify the DNR early – have a scoping meeting with the DNR
- Update project status on ATC web site
- Project information
- Feedback/focus groups to help ATC
- Better definition of the stakeholder groups and their roles
- Truth
- Real system PowerWorld display to educate people with real concerns
- Reliability and availability data
- Demand, solutions (multiple), impacts and timelines on proposed solutions
- ATC's priorities for decision making; i.e. project sequence

How would you like to receive this info? When/how often?

- Local newspapers and media outlets
- Face to face public meetings are beneficial
- Put all available planning information on the internet, including power flows
- Email with updates

Reaction to current summary/full Assessment reports?

- The reports have good information

Do you need more information about the current state regulatory processes for siting approvals?

Large group questions and comments

- What issues exist with obtaining DNR permits for the Arrowhead – Weston line?
- Needs are not understood for local zoning approval
- Does ATC objectively consider non-transmission alternatives?
- Least cost solutions discussed for Marathon County
- Generation (redispatch?) out of economic order, i.e. temporary diesel generation (Venus)
- What are acceptable voltage fluctuations?
- The solutions are too far away when considering frequent outages
- A family farm will be cut in half in Marathon County by new transmission lines
- Compliments to ATC on it's planning process, particularly for sponsoring the zone meetings to allow opportunity for public input.
- Questions about a proposed Manitoba Hydro project that would extend transmission lines down from Canada thru Minnesota and WI
- Why is ATC not actively working with other transmission entities to develop a state/regional or national energy plan?

Comment cards

Topical questions/comments:

- What is being done to address the low voltage problem in Door County?
- What is the timetable for remediation of this problem?
- Why stop the proposed new Door County line in Egg Harbor? – Based on current growth in Northern Door County, wouldn't extending the line to Sister Bay SS make more sense?
- A new line corridor will only become harder to secure as the interior of the Door Peninsula develops.
- The DOT does not get the same push back that the utilities get

Logistical comments:

- ATC needs to provide for the color blind

Meeting Comments
Zone 2
Manistique, Mich.
October 15, 2002

Responses to small group questions

1. What is your overall reaction to ATC's Public Planning Process?

- a. Is it positive, negative, neutral; why?
- The process is open and positive
 - Giving contact names for specific issues is a good start
 - What will ATC do with the public input? – Will ATC walk the talk?
 - Inform invitees of topics to be discussed ahead of time for better participation in the meetings
 - Concerned with responses to outages and maintenance
 - There is no power to support business development
 - How do these plans meet local needs?
 - The process needs to be regular; it is something to build on
 - Frustration with short-term needs and long-term solutions
 - Is this a better process for ultimate customers to communicate with ATC?
 - An increased ability to export power from the UP may mean less availability of power within the UP?
 - Positive, there is depth and involvement of others; it is a good start
 - Information sharing is good
 - ATC is over-optimistic on time frames for completion of projects
 - Every agency received an invitation to planning meeting
 - The public planning process provides important insight for local community growth plans (i.e. industry siting and infrastructure)
 - The high level thought process discussion is helpful and more substantial information would be appreciated in the future
 - It is good to bring the public into the process
 - This provides insight on the system's capabilities and weaknesses
- b. What element is most important to you (or those you represent)?
- We need to know ATC's finalized, concrete plans and their timelines for system improvements
 - Iterate the connection between local, regional, state, political and business leaders
 - Timely implementation of the construction plans is needed
- c. How can it best incorporate/coordinate with your processes?
- ATC should send out follow-up information
 - Integrate ATC's decision making process with local decision making
 - View the Michigan PSC web site to learn about its communication process
 - Give information updates regularly on ATC's plans
 - ATC commitment to projects would help customer planning
- d. Anything missing?
- It could have taken place earlier
 - Good plan, but there are a lot of loose ends
 - Education on the positives and negatives of ATC's planned projects/solutions

2. Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

- a. Positive/Negative/Neutral – Why?
- It is good
 - "Yes"
 - Agree, improvement is needed
 - Expansion is needed to make a whole system
 - Quantify how much improvement to the system ATC's plans provide
 - Possible negative repercussions to local industry if more power leaves the UP because transfer capacity is increased
 - Positive, ATC has a large view and coordinated planning process
 - Positive, without ATC resources to accomplish these projects may not exist
- b. Any perceived benefits/costs driving reactions?
- "Who pays?"
 - Improved reliability
 - Potential for economic benefit
 - The connection between Wisconsin and the UP needs to be improved
 - What are the rate and reliability impacts of this plan?
 - ATC should be looking at distributed generation
 - "Cost sharing?"
 - Prioritization of needs in terms of project timing
 - Constraints limit local options

1. What areas are of highest concern to you? (re: transmission or transmission planning process)

- Rate impact
- Are ATC's priorities in line with other's?
- ATC needs to contact local distribution company operators to gather their concerns and views on system problems
- Transient problems (i.e. voltage sags)
- Establishing effective lines of communication
- Power quality
- Costs
- Timing
- Reliability
- Environmental issues – not addressed in ATC's Report
- Assignment of costs / Cost sharing – How will this be done?
- Are there public forums for line siting?
- Things are more complicated with deregulation - separated generation and transmission
- Safety
- Handling impacted (by system improvements) parties' concerns on the front-end of the planning process
- Cost to end users
- Environmental impact
- Immediate needs exist, but the solutions may be far off
- Underground options
- Finishing projects on schedule
- We are in 'catch-up mode'
- ATC's priorities between Wisconsin and the UP, does ATC regard Wisconsin needs more highly?
- More curtailments and costs

2. What information would you like to have in order to effectively participate in the planning process?

- Delineate what the ATC preferred plan is
- ATC needs to solicit input better
- More one to one contact
- More information in written reports
- Current venue works well, but the zone configuration does not make sense
- A mixture of large and small group meetings (maybe town level?)
- More detail on the local level
- Estimates of total cost
- When do ATC's plans become confirmed?
- More communication with ATC in between zone meetings (i.e. a quarterly newsletter?)
- Local ATC staff availability has been very helpful
- Standard Market Design issue updates
- An ATC phone/email directory

How would you like to receive this info? When/how often?

- A quarterly ATC newsletter

Reaction to current summary/full Assessment reports?

Do you need more information about the current state regulatory processes for siting approvals?

Large Group questions and comments

- New generation coming on-line soon at Escanaba
- Will ATC honor previous utility agreements in regards to the use of defoliant?
- How does the Weston 4 addition affect ATC's plans, specifically the Plains – Stiles rebuild?
- What siting assistance does ATC provide to potential generators for optimal positioning to remedy system problems?
- There is a need for additional system capacity, rather than self generation, to increase business productivity
- Does ATC have a disaster plan?
- What is the estimated transfer capacity increase for the Plains – Stiles rebuild?
- Discuss the Plains – Goodman – Rhinelander Loop 138kV line
- Can ATC safely operate with increased risk when there is an outage for a line to be rebuilt?
- How are entities made aware of increased transfer capacity as a result of system upgrades?
- How are customers notified of decreased capacity during outages?
- Has ATC been in contact with other entities regarding a possible submarine line from Canada to Keweenaw?

Comment cards

Topical questions/comments:

- “Are there other successful models for ATC in other states, nations, regions. Are we at the leading edge of this process?”
- What are we learning from other utilities (Natural Gas, Broadband) that already use the generation/transmission/distribution business model?

Logistical comments:

- Use city or township names rather than substation names or provide a local translation guide

Meeting Comments

Zone 3

Janesville, Wis.

September 26, 2002

Responses to small group questions

1. What is your overall reaction to ATC's Public Planning Process?

a. Is it positive, negative, neutral; why?

- Public outreach is important
- Information needs to be shared early in the planning process
- The maps are presented well with good use of color
- The data given on the website is too dense
- Very impressive and revealing
- Educational
- How much of this is the public aware of?
- ATC is working towards a better system
- The process is thorough and inclusive
- Reaction is positive

b. What element is most important to you (or those you represent)?

- Public trust must be reinforced through information sharing
- Explain the projects in terms of communities they affect and stages in years to completion
- Industries are very concerned; service interruptions will dictate where they locate

c. How can it best incorporate/coordinate with your processes?

- Local communities and utilities need to coordinate plans to develop necessary infrastructure for the electrical system and growing communities
- Getting the word out in the local community will help to move projects forward, especially in the Madison area
- Invitations to attend these meetings should be all inclusive and request a response
- Need more citizen input early in the process (i.e. grassroots campaign, local government)

d. Anything missing?

- How does ATC coordinate plans with MISO?
- Where does ATC stand on the issue of Standard Market Design?
- Rather than just giving substation names, describe area using generally known terms or landmarks
- Overlay ATC maps with maps containing more geographical information
- A summary of projects completed within the last year in each specific zone
- Prices associated with proposed projects
- ATC needs to engage the people who benefit from the strengthening of the transmission system in this process, not just the detractors
- Descriptions of alternative solutions and the pros and cons of each are missing
- New technological developments
- PowerWorld demonstration would be better if it was a real circumstance - It would show possible effects on system reliability

2. Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

a. Positive/Negative/Neutral – Why?

- It is about time
- Wisconsin's transmission system is skimpy
- Discuss growth
- Hopeful that it is not too little, too late
- Are the 10-Year plan's timelines realistic?
- The use of existing corridors may not always be the best environmental option
- Improvements are overdue
- Municipalities need this information early

b. Any perceived benefits/costs driving reactions?

- The general public does not understand, plans need to be related to a real situation
- More information on the reasons behind rebuilding is needed
- Getting public approval must not override meeting system needs – everyone cannot be pleased and the needs for reliable service cannot be denied
- Do solutions that cost more have better results in terms of reliability?
- There ought to be federal subsidies for wind power
- Prioritization of projects would make sense
- Coordination of effort is key to accomplish all the work associated with the completing the projects and ensuring continued service

3. What areas are of highest concern to you? (re: transmission or transmission planning process)

- There is a lot of public misunderstanding regarding transmission purposes, needs and impacts
- Timeliness of project completion and getting everything done
- In-state capacity shortage
- Restoration of site after construction is completed
- Long-term system reliability
- Walworth county is one of the fastest growing counties in Wisconsin, transmission must keep up
- Work with those in agricultural areas who are affected by plans
- Better education and dissemination of information
- Reliability data needs to be made available for the public
- Separate reliability information from mechanical and electrical
- Meeting peak loads
- Regional planning with other entities (i.e. DOT, Gas pipelines, Railroad, etc.)

4. What information would you like to have in order to effectively participate in the planning process?

- Larger maps with more detail
- Show out of state lines
- Smaller meetings with ATC to discuss plans
- Project costs
- This information needs to get to average citizens
- Who ATC contacts on local levels and issues discussed regarding the planning process

How would you like to receive this info? When/how often?

Reaction to current summary/full Assessment reports?

Do you need more information about the current state regulatory processes for siting approvals?

Comment cards and meeting evaluation form notes

Topical questions/comments:

- Show PowerWorld model for Zone 3 and how line outages affect reliability (i.e. Madison 345kV line)
- Identify broad corridors for new right-of-way on maps
- Cost comparison between alternative plans for future plans
- There are problems interpreting the contract between ATC and distribution utilities on bearing costs and responsibilities
- Have community level meetings on specific projects, especially those involving new right-of-way
- Cover specific projects at future meetings
- Keep everyone updated regularly
- Focus on near-term projects (within next 2 years) at meetings as well
- Compare current plans versus plans from last year's Assessment
- Show real-world effects of not doing specific projects
- Future meetings could discuss impact issues (i.e. EMF vs. stray voltage, aesthetics, impacts on natural resource
- "This is a great format to keep in touch with the issues. In this e-mail age, it's refreshing to hear ideas in person."

Logistical comments:

- Bring more detailed maps or aerial photos
- Try to get more local and individual involvement. This would give the public more ownership in the process and give ATC more specific feedback
- Poll outside to people in public. Expand beyond the utilities
- Offer an Electricity 101 course maybe an hour prior to these meetings to help people better understand the content.
- Get more information to the media prior to the zone meetings to get more public participation
- Allow more time for group discussions
- Hand out the Power Point slides so people can follow along and take notes
- Small groups were good
- Introductions at the beginning were helpful
- Have more meetings with homogeneous groups (meetings for utilities, meetings for wholesalers, meetings for economic development committees, etc.) – not exclusive groups, but making the meetings more audience oriented

Meeting Comments
Zone 4
Green Bay, Wis.
October 17, 2002

Responses to small group questions

1. What is your overall reaction to ATC's Public Planning Process?

- a. Is it positive, negative, neutral; why?
 - It is going well, ATC and the utilities are working together
 - Good to see overall view and the need for facilities to be built
 - Positive
 - The more information, the better
 - Proactive approach
 - The meetings are good
 - ATC is making an effort to get the information out
 - Good process, an extension of MISO
 - The planning process is well structured
 - How is the input generated?
 - Interesting to understand what's going on
 - Impressed with the inclusive process
 - Positive step in the right direction
 - Good to have transmission oversight
 - A step in the right direction but 5 years behind
 - Organized
 - One owner of transmission is better than multiple owners
- b. What element is most important to you (or those you represent)?
 - Cost versus reliability
 - Coordination with local communities
 - Openness and a range of options
 - Labor – what does it mean for workforce development
 - Rate impacts
 - The more opportunities for involvement, the better
 - Local upgrades
- c. How can it best incorporate/coordinate with your processes?
 - Have public planning meetings early in the planning process
 - Linking projects with local distribution company projects
 - Local government needs to know future plans and Right Of Way issues
 - Plug into economic development efforts
- d. Anything missing?
 - Want to see more applications to the commission
 - ATC does not identify generation projects until they are in ATC's process. Is ATC looking at generation assets properly?
 - Generation issues
 - No residential representation
 - Local paper information
 - Would like more detail

2. Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

- a. Positive/Negative/Neutral – Why?
 - New transmission is needed for industry
 - Want to see more applications to the commission
 - Want to see more generation alternatives
 - Positive, want constantly updated data
 - This is sorely needed
 - Watching the opposition to Arrowhead-Weston is frustrating, was the process different in the past?
 - Start soon
 - Communicate the need
- b. Any perceived benefits/costs driving reactions?
 - The current network is fragile
 - Important land is lost to new transmission lines from a community planning perspective
 - Using existing corridors is key
 - Need reliability and flexibility
 - Can't promote growth without transmission expansion
 - There are tough trade-offs; no one wants transmission in their backyards, but they still use electricity
 - Inevitable due to growth
 - What are alternative sources of energy?
 - It is good to get information to people early
 - Way overdue
 - Creation of a comprehensive Right Of Way plan that includes other development plans

3. What areas are of highest concern to you? (re: transmission or transmission planning process)

- Enough for the future
- Siting and construction
- The future of the Kewaunee and Point Beach plants
- Reliability
- Public input
- Environment
- The balance between cost and reliability
- Siting of transmission for least impact
- Import and Export capabilities – economic concerns
- Improving export capabilities could raise energy prices
- Reduce service limitations
- Overall economics (i.e. What is the local cost impact if we export to high cost markets?)
- Link transmission growth to community growth
- Continuing public opposition to plans after they are well developed and have been approved by the Public Service Commission
- The planning process is long
- Reliability, with consideration of aging facilities
- Costs of the process
- From the independent power producer point of view, ATC is the foster child of the utility industry; Former utility workers bring a utility slant to issues
- It seems like it takes a long time to get transmission lines built
- Timing – the need is now
- ATC must prioritize system needs
- What is the cost?
- Reliability and timing to make fixes
- How to deal with generation development
- How to maintain flexibility
- The aging inadequate infrastructure is in jeopardy
- May drive other impacts; i.e. plant development, gas prices, etc.
- Environmental impact

4. What information would you like to have in order to effectively participate in the planning process?

- Smaller, general based meetings
- Environmental information about affected areas
- Respect for property owners' rights and concerns
- Updates on project progress
- The state of infrastructure
- Supply and demand
- Time to implement reinforcements in response to development
- Realism/ feasibility of plans
- Updates on progress
- More in-depth information
- PowerWorld demonstrations
- Education on the need for electricity
- ATC contacts
- More information

How would you like to receive this info? When/how often?

- The internet
- Semi-annual newsletter and meetings to cover topics
- Local/town community meetings
- Geographic maps indicating environmentally affected areas
- Two-way communication between ATC and public over the internet
- Newsletters
- More planning meetings
- Get the topical information out before the meetings take place
- Cable TV
- More public forums
- Videos
- Partner with providers

Reaction to current summary/full Assessment reports?

- The Summary Report is good. Better than the previous utilities' advanced plans
- "You're shipping power to Illinois"
- There is a huge difference between what the industry knows and what the public hears

Do you need more information about the current state regulatory processes for siting approvals?

Large group questions and comments

- Is ATC a holding company?
- Is ATC for profit?
- Is ATC's growth distributed to the original contributors proportionately?
- Is stray voltage a common occurrence and is it from transmission?
- What factors influence the timeline of implementing planning solutions?
- How does day to day operations handle changing system conditions?
- Does ATC own or operate substations?
- What are the events in an outage/ end user interruption?
- How efficient is ATC at providing reliable service/
- How is the public informed of projects requiring new right-of-way? Does it come before seeking approval through the Public Service Commission?
- What are the timelines for the Plains – Amberg project? What is the public appeal process?
- What are ATC's thoughts on a new EMF study from California?
- Are ATC's maps publicly available?
- What is the long-term viability of the Point Beach and Kewaunee plants?

Meeting Comments

Zone 5

Milwaukee, WI

September 12, 2002

Responses to small group questions

1. What is your overall reaction to ATC's Public Planning Process?

- a. Is it positive, negative, neutral; why?
- It is a good process and facilitates sharing of different viewpoints.
 - Helps people understand why projects are suggested.
 - The planning process is great as long as shareholders are kept informed.
 - Explaining technical information in non-technical terms is challenging.
 - Potential participants may be intimidated by technical information.
 - Information on ATC's process is not necessary; the actual plans are what people care about.
 - More focus on specific/definite projects is required.
 - More detailed information would be helpful.
- b. What element is most important to you (or those you represent)?
- A process with public input and opportunity for discussion is the key.
- c. How can it best incorporate/coordinate with your processes?
- Work with the Department of Natural Resources and other agencies for process refinement and general input.
- d. Anything missing?
- Use corridor maps for small group discussions.
 - Definitions of required regulatory applications.
 - Identification of alternate sites for projects.

2. Given that not much transmission has been built recently, what is your reaction to expansion of the transmission system?

- a. Positive/Negative/Neutral – Why?
- Long term planning is crucial and saves money.
 - ATC should also identify generation locations in addition to new transmission sites.
 - Inform the Electrical Union of long-term project plans to ensure qualified technician availability.
 - Environmental concerns dictate that facility upgrades take place in the most appropriate corridor.
- b. Any perceived benefits/costs driving reactions?
- More transmission strengthens the distribution system.
 - Little new transmission in Zone 5 demonstrates that WE Energies did a good job with their portion of the transmission system.

3. What areas are of highest concern to you? (re: transmission or transmission planning process)

- The interface between ATC, utilities, government and environmental is critical at the local and regional levels.
- Identify liaisons between utilities and local government and other agencies.
- That proposed projects are completed on time.
- ATC's plans to handle all the additional generation.
- OASIS requests; maybe ATC could work on smaller requests first.

4. What information would you like to have in order to effectively participate in the planning process?

- If maps were included with the invitations, people would be more likely to participate.
- Include the most up-to-date information on service limitations.
- The summary report is good, but a different line coloring scheme would be easier to decipher.
- Use GIS land base maps for report/Assessment.
- Reflect changes as updates are added and possibly provide history.

How would you like to receive this info? When/how often?

Reaction to current summary/full Assessment reports?

Do you need more information about the current state regulatory processes for siting approvals?

Questions and comments from large group

- When, if at all, does ATC plan for transmission rates to go down as result of ATC's formation?
- How many transmission service requests cannot be fulfilled due to service limitation?
- This year's 10-Year Assessment is much more useful than previous versions and a good tool for the public.
- How do ATC's projections for load growth compare with the projections used in the PSC Energy Assessment?
- Why rebuild at 138kV rather than 345kV?
- Does ATC consider new generation as a solution to system limitations as well as new transmission fixes? Is this part of the planning process?
- Who would a potential new generator contact when considering options (ATC?, PSC?) ?
- What are ATC's plans for building new transmission lines on new right-of-way rather than rebuilding existing facilities, especially in the light of system needs for alternate paths and redundancy to uphold reliability?
- Has ATC incorporated Calpine's Zion plant in its plans?

Comment cards and meeting evaluation form notes

Topical questions/comments:

- What is the status of the Arrowhead – Weston project?
- Focus on projects rather than the planning process.
- Present other options (i.e. generation) to key transmission problems.
- Add a session for municipalities to explain how they can "dovetail" their processes with ATC's. Also, explain what the municipality's authority is relative to state and federal law.
- ATC is "slow on providing transmission studies for my clients on past projects due to work load. May need to hire more folks to transmission studies."
- Please provide more information on alternatives available; if generation supplies change, how would the planning process change?

Logistical comments:

- Provide copies of overhead slides on paper or in electronic form.
- It was too cold.