



Calendar Adjustment

- The proposed legislation has the RPP starting May 1, 2005
- The first 12 months of the RPP will therefore end April 31, 2006
- The proposed legislation says that the first 12 months are fixed, so an ending of that date is difficult to avoid
- But should the RPP cycle be adjusted to bring the RPP year to a calendar year and be consistent with other entities, especially the LDCs?
- If yes, how and when should it be adjusted?



Mobility Conditions

- Mobility conditions deal with several questions:
 - Clearing variances on leaving
 - Credit or payment for existing accumulated variances on entering service
 - Conditions on returning, such as minimum times away from LDC service (for returning from competitive supplier)
- Issues in this decision include
 - Fairness to both leaving and remaining customers
 - Administrative costs for LDCs.
 - Customer understanding and acceptance
 - User pay principle
 - Impact on customer mobility
 - Consistency with LDC practice

	Collect Attributed Variance on Past Consumption		
	Model 1	Model 2	Model 3
Moving from LDC service area	No	No	Yes
Leaving RPP supply	No	Yes	Yes

Mobility Models: Leaving

- Model 1 has the highest mobility, with no variance collection or other conditions imposed on those who leave for any reason.
 This one is easy to understand and administer
- Model 2 distinguishes between those who leave the service area and those who migrate to competitive retailers
 - Harder to understand, may be more fair by not allowing customers to get away from variances created for their benefit
 - Could be seen as a barrier to customer mobility
- Model 3 collects variances under all conditions; it looks to assign costs and collect them from those who cause them
 - May be more fair, but creates the same perceived mobility barrier as Model 2 and likely to have much higher administrative costs (though good design might keep them low.)
- Administrative costs for Models 2 and 3 could be kept low by, for instance, getting monthly a calculation of uncollected accumulated variance (in \$/kWh) and applying it to the customer's past usage

	Collect Attributed Variance on Future Consumption		
	Model A	Model B	Model C
Moving to LDC service area	No	No	Yes
Returning o RPP supply	No	Yes	Yes

Mobility Models: Entering

- Model A has the highest mobility, with no variance collection or other conditions imposed on those who enter for any reason.
 This is easy to understand and administer
- Model B distinguishes between those who enter the service area and those returning from competitive retailers
 - Harder to understand, may be more fair by not charging customers for variances they did not cause
 - Could enhance customer mobility
- Model C collects variances under all conditions.
 - May be more fair, but could have much higher administrative costs (though good design might keep them low.)
- The simple model for leaving does not work as well here, because prospective consumption is unknown.
- Another way to implement Models B and C would be not to charge (credit) entering customers with variance true ups existing when they came. This would require that LDCs charge different rates for varying periods of time to customers in the same rate classes







Tendency for Unfavorable Variance: Price

- Price
 - If the average price is about \$50 per MWh, the downward variance cannot be more than \$50
 - But the upward variance could be as much as \$1950 per MWh (if price reaches the maximum market clearing price)
 - Historically, market price has often been above \$150 per MWh, which would produce a variance of more than \$100 per MWh from the average price
 - So the statistical model of the variance of price tends to have bigger variances upward than downward
 - This means the price variances are more likely to be unfavorable than favorable



Purpose of New Strawmen Development

- At the last meeting, the working group discussed several strawmen, intended to incorporate various approaches to meeting the objectives
- The working group identified several of these approaches as not likely to be acceptable
- Working group members also identified some of their primary concerns and preferences among the strawman attributes

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• To further the process, these strawmen draw more narrowly on a range of attributes identified by the working group as desirable

Assumptions for New Strawmen Development

- The assumptions for this development are similar to those for the first set of strawmen
- No true ups or other price changes in first year of RPP

 May need some specific provisions for the transition from the first to the second year of RPP
- RPP will be designed for 4/5 years
- Initial strawmen will not incorporate pricing schemes requiring smart meters (for example, Critical Peak Pricing)
 - Smart meter implications will be dealt with after this basic approach is outlined
- Assume residential and small business customers are eligible for RPP

Information Presented

- For the previous discussion, Navigant Consulting presented the pricing results for each strawman, tested against 5 randomly generated price paths
- These strawmen are presented with the same pricing results against the same 5 price paths
- As requested by the working group, we have added two attributes for each strawman:
 - Timelines for the calculation of true ups and rebasing, including timeline for notice to customers of price changes
 - Cumulative OPA variance account
- We have also included some direct comparisons of the strawmen along various criteria



Working Group Feedback

- From the last meeting, and from the feedback received by email from working group members, we believe we have a good sense of where the working group is in some agreement (including on some options that are not acceptable)
- We also know where there are differences between the expressed preferences of the working group
- The strawmen have therefore been chosen to represent agreement where it exists, and to test differences where they are present



Consumer Acceptance: Strawman

- True up:
 - Every 12 months of the total accumulated variance
 - At any quarter where the accumulated variance for the year exceeds \$50 per customer
 - Favorable variances are not rebated, but kept as reserve for future
- Rebase:
 - Review annually, implement based on changed price forecast and in underlying cost conditions as determined by OEB
- True up and rebase considered together
 - Change price only if true up and rebase together change prices by more than .10 cents per kWh (\$1 per month per customer for average 1,000 kWh per month customer)
 - Cap of 6% on upward price change; no caps on decreases
 - If true up and rebase would raise prices by more than 6%, rebase takes precedence and resulting variance is carried over to next period

- Recovery period:
 - Variances collected over 12 months following true up











Customer Incentives: Strawman

- Tiers:
 - Two tiers. Tiers are designed to straddle the average price, with the upper tier providing some incentive for conservation
 - Variance true ups are allocated to both tiers on the same cents per kWh basis

- Seasonal:
 - Two seasons, peak and off peak, applied to both tiers
- Second-year transition:
 - Treat like an annual true up / rebase
- Residential and small business classes:
 - All eligible customers pay the same for energy





Strawman Elements	Consumer Acceptance	Customer Incentives
True-ups	Annual, or more frequent on trigger of \$50 per customer	Quarterly, based on total uncollected variance. True up
Rebase	Annually, with minimum adjustment of .10 cents per kWh	Review annually, rebase only if change is at least .10 cents per kWh
Price cap	6% maximum increase per year	1 .
Variance Recovery Period	12 months	Priced to clear over 12 months. Recovery rolls forward with true
Calculation	2 months before implementation	1 month before implementation
Notice	1 month	none
Tiers	one tier	Two, straddling average market price
Seasonal	none (flattened over year)	2 seasons • Peak • Off-peak
Entry/Exit	Mobility conditions considered separately	Mobility conditions considered separately
Second-year Transition	none required	Clear all variances within 6 months
Residential vs. Small Business Classes	same rate	Top tier higher for larger volumes, in peak season, and higher threshold for businesses than consumers



