	IHE					
DP#		Issue	Austin Energy	ICA	IHE	Decision?
			9,			
I-A	19	Total revenue requirement	614,414,933	575,698,933	563,477,211	
		·				
I-B	21	Non-nuclear decommissioning reserve				
		Decker Creek funding	14,000,000	6,263,158	14,000,000	
		Fayette Power Plant funding	3,750,000	2,925,000	2,925,000	
		Sand Hill Energy Center funding	1,692,308	867,850	867,850	
I-C	32	Internally generated funds for construction	88,341,455	82,256,610	88,341,455	
I-D(1)	44	Retail transmission expense	116,885,952	n/a	116,885,952	
I-D(2)	52	Wholesale transmission revenue	62,129,919	n/a	74,300,000	
I-E	63	FPP defeasement fund	-	-	-	
I-F	76	STP amortization period	No change	n/a	No change	
I-G	79	Uncollectible expense	16,054,751	10,199,660	10,199,660	
I-H	89	Economic Development Department	9,090,429	Include in GFT	-	
I-I	95	Loss on disposal of assets	7,170,039	6,370,039	7,170,039	
I-J	99	AE's share of costs related to UCC	26,188,016	15,816,414	15,816,414	
I-K	104	Rate case expenses	585,977	370,644	370,644	
I-L	106	Outside service contracting	8,925,683	n/a	8,925,683	
I-M	109	Current vs. proposed reserve fund policies	Proposed	n/a	Defer to Council	

HE	1
I-M(1) 109 If choose current, required reserve funding? 11,590,703 n/a 11,590,705 Norking Capital 70,080,491 n/a 70,080,491 n/a 70,080,491 n/a 70,080,491 n/a 70,080,491 n/a 93,440,655 n/	1
Working Capital   70,080,491   n/a   70,080,491   Strategic (Emergency Reserve)   93,440,655   n/a   93,44	1
Working Capital   70,080,491   n/a   70,080,491   Strategic (Emergency Reserve)   93,440,655   n/a   93,44	1
Strategic (Emergency Reserve)   93,440,655   n/a   93,440,655     Strategic (Contingency Reserve)   93,440,655   n/a   93,440,655     Rate Stabilization Reserve   107,412,480   n/a   107,412,488     Repair & Replacement   72,825,880   n/a   72,825,888     Funds requested over 3 years   34,772,108   n/a   34,772,108     I-M(2)   114   If choose proposed, policy changes?	5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Strategic (Contingency Reserve)  Rate Stabilization Reserve  107,412,480  Repair & Replacement  72,825,880  Funds requested over 3 years  34,772,108  Noving Capital  Strategic Reserve  Eliminate  Emergency Reserve  Eliminate  Emergency Reserve  Contingency  Rate Stabilization Reserve  Eliminate  Fliminate  Eliminate  Eliminate  Eliminate  Sow days net power supply costs; no credit supply co	5 0 0
Rate Stabilization Reserve 107,412,480 n/a 107,412,480 Repair & Replacement 72,825,880 n/a 72,825,880 Funds requested over 3 years 34,772,108 n/a 34,772,108  I-M(2) 114 If choose proposed, policy changes?  Working Capital 60 days cash 45 days cash 45 days cash 5trategic Reserve Eliminate Eliminate Eliminate Eliminate Emergency Reserve Eliminate Eliminate Eliminate Contingency 60 days cash 60 days cash 60 days cash 60 days cash Rate Stabilization Reserve Eliminate Eliminate Eliminate  90 -120 days net power supply costs; no credit supply costs; no credi	0
Repair & Replacement   72,825,880   n/a   72,825,880     Funds requested over 3 years   34,772,108   n/a   34,772,100     It choose proposed, policy changes?	0
I-M(2) 114 If choose proposed, policy changes?  Working Capital 60 days cash 45 days cash 45 days cash 45 days cash Eliminate Eliminate Eliminate Emergency Reserve Eliminate Eliminate Eliminate Contingency 60 days cash 60 days cash 60 days cash 60 days cash Eliminate Eliminate Eliminate Eliminate Ontingency 60 days cash 60 days cash Eliminate Eliminate Eliminate Eliminate  90 -120 days net power supply costs; no credit supply costs; no credit credits as needed sweep sweep Repair & Replacement Eliminate Eliminate Eliminate  Eliminate Eliminate Eliminate  50% last year 50% last year	
I-M(2) 114 If choose proposed, policy changes?  Working Capital 60 days cash 45 days cash 45 days cash 45 days cash Eliminate Eliminate Eliminate Emergency Reserve Eliminate Eliminate Eliminate Contingency 60 days cash 60 days cash 60 days cash Rate Stabilization Reserve Eliminate Eliminate Eliminate Power Supply Stabilization Reserve credits as needed sweep sweep Repair & Replacement Eliminate Eliminate Eliminate  Branch 45 days cash 45 days cash Eliminate Eliminate Eliminate Eliminate  Bliminate Supply cash supply costs; no credit san needed sweep sweep  Bliminate Eliminate Eliminate Eliminate  Bliminate So% last year 50% last year	
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Working Capital 60 days cash 45 days cash 45 days cash 5trategic Reserve Eliminate Fliminate Eliminate Supply costs; sweep PSA Supply costs; no credit supply costs; no credit supply costs; no credit supply costs; no credit sweep Eliminate Elimina	
Emergency Reserve  Contingency  60 days cash  Rate Stabilization Reserve  Eliminate  90 -120 days net power supply costs; sweep PSA Power Supply Stabilization Reserve  Power Supply Stabilization Reserve  Repair & Replacement  Eliminate  Eliminate  90 days net power supply costs; no credit sas needed  credits as needed  Eliminate  Eliminate  Eliminate  So% last year  50% last year	
Contingency 60 days cash 60 days cash 60 days cash Rate Stabilization Reserve Eliminate Eliminate  90 -120 days net power supply costs; sweep PSA supply costs; no credit sas needed sweep sweep Repair & Replacement Eliminate Eliminate Eliminate  50% last year 50% last year	
Rate Stabilization Reserve  Bliminate  90 -120 days net power supply costs; sweep PSA power Supply Stabilization Reserve  Repair & Replacement  Rate Stabilization Reserve  90 -120 days net power supply costs; no credit supply costs; no credit credits as needed sweep sweep  Eliminate  Eliminate  Eliminate  Eliminate  Eliminate  50% last year  50% last year	
Rate Stabilization Reserve  Bliminate  90 -120 days net power supply costs; sweep PSA Power Supply Stabilization Reserve  Repair & Replacement  Rate Stabilization Reserve  90 -120 days net power supply costs; sweep PSA credits as needed sweep Sweep Eliminate Eliminate Eliminate Eliminate 50% last year  50% last year	
Power Supply Stabilization Reservesupply costs; sweep PSA credits as neededsupply costs; no credit sweepsupply costs; no credit sweepRepair & ReplacementEliminateEliminateEliminate50% last year50% last year50% last year	
Power Supply Stabilization Reservesupply costs; sweep PSA credits as neededsupply costs; no credit sweepsupply costs; no credit sweepRepair & ReplacementEliminateEliminateEliminate50% last year50% last year50% last year	
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Repair & Replacement Eliminate Eliminate Eliminate 50% last year 50% last year 50% last year	
50% last year 50% last year 50% last year	
depreciation plus depreciation plus depreciation plus	
balance to achieve 150   balance to achieve 150   balance to achieve 150	1
Capital Reserve days cash on hand days cash on hand days cash on hand	
CIP Fund No change No Change No Change	+
Total amount of reserves 150 days cash 150 days cash 150 days cash	+
150 days cash 150 days cash 150 days cash	
I-M(3) 109 If choose proposed, required reserve funding? 3,398,129 3,398,129 3,398,129	9
Working Capital 93,440,655 70,080,491 70,080,49	
Contingency 93,440,655 93,440,655 93,440,655	
Power Supply Stabilization Reserve 125,314,560 107,412,480 107,412,48	<b>-</b> .
Capital Reserve   100,426,568   141,688,812   141,688,81	
Funds requested over 3 years 10,194,385 10,194,385 10,194,385	0
10,134,303 10,134,303 10,134,303 10,134,303 10,134,303	0 2
I-M(4) 114 Accounting of non-nuclear decommissioning O&M Expense Reserves Reserves	0 2
The second secon	0 2
I-N(1) 126 Include proceeds from sale of ECC property No Yes Yes	0 2

	IHE					
DP#		Issue	Austin Energy	ICA	IHE	Decision?
I-N(2)		Recognize transfer of various properties				
1-14(2)	128	Seahom	No	n/a	No	
	130	Ventura Drive	No	n/a	No	
	131	Burleson Drive	No	n/a	No	
	133	Holly Street	No	n/a	No	
	133	Thomy street	INO	11/ a	INO	
11 0/4)	126	For ationalization 244 Call Contan	Contains	Distribution	C	
II-A(1)	136	Functionalization 311 Call Center	Customer	Distribution	Customer	
			Labor and direct	O&M and direct	Labor and direct	
II-A(2)	139	Allocation of admin & general labor costs	assignment	assignment	assignment	
II-A(3)	143	Functionalization of service connection fees	Distribution	Customer	Customer	
II-B	145	Classification of production costs	Demand	Demand and Energy	Demand	
11 0	143	classification of production costs	Demana	Demand and Energy	Demana	
	1 10	Alla satisma of some desatisma as at a	4200	DID	42CD	
II-C	149	Allocation of production costs	12CP	BIP	12CP	
II-D(1)	168	Transformers & capacitors				
		Classifcation	Demand	Energy	Demand	
		Allocation	Sum Max Demand	Weighted Energy	4NCP	
II-D(2)	174	Classification of meters	Customer	Customer and Demand	Customer	
II-D(3)	177	Classification of services				
(- /		Classifcation	Demand	Demand	Demand	
		Allocation	Sum Max Demand	Sum Max Demand	Sum Max Demand	
II-D(4)	179	Allocation of distribution costs	12NCP	12NCP	12NCP	
5( )	1,3	a modulom of distribution costs	12.10.	12.110.	12.10	
II E/1\	102	Allocation of uncellectible evacues	Direct Assign	Dovonuo Doguirore ant	Dovonuo Doguirore est	
II-E(1)	182	Allocation of uncollectible expenses	Direct Assign	Revenue Requirement	Revenue Requirement	
II-E(2)	185	Allocation of meters				
		Meter expense	Weighted Customer	Weighted Customer	Weighted Customer	
		Meter reading	Customer	Weighted Customer	Customer	
			Customer and direct	Weighted Customer and	Customer and direct	
II-E(3)	188	Allocation of marketing and advertising	assignment	direct assignment	assignment	

	IHE					
DP#		Issue	Austin Energy	ICA	IHE	Decision?
D	. 0"	15540	Adden Energy	ICA	III L	Decision.
II E(4)	100	Allocation of convice connection food	Cum May Domand	Waightad Customor	Cum May Domand	
II-E(4)	190	Allocation of service connection fees	Sum Max Demand	Weighted Customer	Sum Max Demand	
II-F	192	Allocation of EES	Weighted Direct	System rate	System rate	
III	200	Revenue distribution/spread	AE recommendation	Spread on revenue ratio	AE recommendation	
IV-A	210	Include billing adjustment factor	Yes	Yes	Yes	
IV-B	212	Add seasonality to Power Supply Adjustment	Yes	Yes	Yes	
			Open to change in next	No change from \$10 per	No change from \$10 per	
IV-C(1)	216	Future changes to Residential customer charge	five years	month	month	
10 0(1)	210	Tutare changes to hesiaerital castomer charge	iive years	monen	month	
11/ (2)	224	Adjust Desidential tiers	Loveliza slana samawhat	No changes until study	AE recommendation	
1V-C(2)	224	Adjust Residential tiers	Levelize slope somewhat	No changes until study	At recommendation	
IV-C(3)	230	Eliminate seasonality in base rates	Yes	Yes	Yes	
				OK but concerned about	OK but concerned about	
			Rebalance fixed vs.	future changes to S1	future changes to S1	
IV-D	232	Changes to non-residential customer charges	variable recovery	cust. charge	cust. charge	
IV-E	234	Launch load-shifting voltage rider	Yes	n/a	AE recommendation	
		Adjust S2 and S3 billing determinants to include				
IV-F	237	20% load factor floor	Yes	Yes	Yes	
IV-G	239	Houses of Worship				
		Maintain average rate cap	No	Yes	No	
		Maintain weekday only demand charge	No	Yes	No	
		Study weekend demand customers	Yes	Yes	Yes	
		Continue HOW support	Yes	Yes	Yes	
V-A	245	Implement commercial Value of Solar now	No	No	No	
- , ,		Talde of Sold Nov	.,,			
V-B	2/10	Implement Community Solar program now	No	No	No	
V-D	249	implement community solar program now	INU	INU	INU	
\ .	254	10 11 11 1000 1 100	V	V	V	
V-C	251	Amend Residential VOS tariff	Yes	Yes	Yes	

	IHE					
DP#	PG#	Issue	Austin Energy	ICA	IHE	Decision?
					Inside COA pay for	
			Inside COA pay for		discount but allocate like	
VI-A	253	Funding discounts for outside COA customers	discount	AE pay for discount	Rate Case Expense	
VI-B	256	Rates for inside v. outside COA customers	Keep \$5.8M discount	Keep \$5.8M discount	Keep \$5.8M discount	
				OK, but no base rate		
			Set PSA, Reg, and CBC in	changes outside full	Strongly consider all-in	
VI-C	261	Piecemeal ratemaking	annual budget	review process	rate review	
VI-D	264	Disallow service area lighting	No	n/a	No	
VI-E	267	Disallow power production costs	No	No	No	
					Yes but include	
				Yes but include	stakeholders when	
VI-F	276	Future studies	Yes	stakeholders	reasonable	
VI-G	279	Income verification for CAP	No	No	No	
VI-H	282	Improve customer satisfaction ratings	In progress	Develop more plans	Defer to Council	
VI-I	284	Include stakeholders in pilot program planning	No	Yes	Defer to Council	
VI-J	287	Launch Pick Your Own Due Date when ready	In progress	Yes	Yes	
				Eliminate only for CAP	Eliminate only for CAP	
VII-A	289	Eliminate late fees	No	customers	customers	
VII-B	293	Primary 2 Regulatory Charge design	Yes	n/a	Yes	

## **Decision I-A: Revenue Requirement**

**Question**: Should City Council adopt Austin Energy's proposed base revenue requirement of

\$614,414,933?

**Background**: The base revenue requirement is the amount money that Austin Energy needs to collect each year in order to pay for its annual expenses, reserve funding, and

general fund transfer. It does not include pass-through charges, like the Power Supply Adjustment, Regulatory Charge, or Community Benefit Charge.

The proposed revenue requirement includes the original \$17.45 million reduction offered in January 2016 as well as the \$7.08 million reduction related to Customer Assistance Program revenues. Thus, AE's combined proposed base revenue requirement decrease is \$24,548,098.

## **Recommendations:**

Staff	ICA	IHE
Yes.	No. The ICA recommends a total revenue requirement of \$575,698,933.	No. The IHE recommends a total revenue requirement of \$563,477,211.
	This represents an additional decrease of \$38,716,000.	This represents an additional decrease of \$50,937,722.

- If Council chooses not to adopt the proposed revenue requirement, proceed to *Decision I-B: Non-Nuclear Decommissioning Reserves* in order to determine which expenses should be reduced that lower the total revenue requirement.
- If Council chooses to adopt the proposed revenue requirement, proceed to *Decision II:* Cost Functionalization and Allocation.

## **Decision I-B: Non-Nuclear Decommissioning Reserves**

**Question**: Should City Council adopt Austin Energy's proposed non-nuclear

decommissioning reserve annual funding level of \$19,442,308?

**Background**: Non-nuclear decommissioning funding is required to pay for the eventual retirement and decommissioning of Austin Energy's non-nuclear fueled power plants: Decker Creek Power Station, Fayette Power Plant, and Sand Hill Energy

Center.

The proposed revenue requirement includes annual funding amounts of:

Decker Creek: \$14,000,000 Fayette Power Plant: \$3,750,000 Sand Hill: \$1,692,308

## **Recommendations**:

Staff	ICA	IHE
Yes. The amounts are based on studies conducted by outside experts. DCPP uses a site-specific engineering estimate. FPP and SHEC use cost benchmarking estimates.	No. The ICA recommends the following annual funding amounts:  DCPP: \$6,263,158 FPP: \$2,925,000 SHEC: \$867,850  Reductions discount the conservative estimates recommended by the consultants.	No. The IHE recommends the following annual funding amounts:  DCPP: \$14,000,000 FPP: \$2,925,000 SHEC: \$867,850  DCPP is maintained because it is based on a site-specific engineering estimate. FPP and SHEC are discounted because the estimates are based on benchmarks.
	This would be a decrease of \$9,386,300.	This would be a decrease of \$1,649,458.

- The next proposed reduction to the revenue requirement is *Decision I-C: Internally Generated Funds for Construction*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# Decision I-C: Internally Generated Funds for Construction

**Question**: Should City Council adopt Austin Energy's proposed annual funding amount of

\$88,341,455 for internally generated funds for construction ("IGFC")?

**Background**: IGFC represents the portion of capital improvements Austin Energy pays with cash each year. It is based on the total annual capital budget, less cash received from customers for capital projects, and multiplied by the equity/debt ratio. Finally cash received from customers is added back because it is money to be used for funding customer-specific capital projects.

AE's proposed calculation is as follows:

Annual CIP	\$158,169,688
Less Cash from Customers	(18,513,221)
Net CIP	\$139,656,467
Equity ratio	50%
Equity portion of CIP	\$69,828,234
Add Cash from Customers	18,513,221
Total IGFC	\$88,341,455

## **Recommendations:**

Staff	ICA	IHE
Yes. The annual CIP is based on the FY 2015 actual CIP amount. Cash from customers is based on Council policy, and the equity ratio is based on Council policy.	No. The ICA recommends a total of \$82,256,610.  The reduction is achieved by using a 3-year average CIP. This lowers the annual CIP amount to \$146 million from for purposes of this calculation.	Yes. The IHE agrees with Austin Energy's recommendation.
	This would be a decrease of \$6,084,845.	

- The next proposed reduction to the revenue requirement is *Decision I-D(1): Transmission* Costs.
- If all necessary reductions to the revenue requirement have been made, proceed to Decision II: Cost Functionalization and Allocation.

# **Decision I-D(1): Transmission Costs**

**Question**: Should City Council use Austin Energy's test year 2014 retail transmission

expense of \$116,855,952?

**<u>Background</u>**: Retail transmission expense is paid to Distribution Service Providers across the

ERCOT region to pay for Austin Energy's access to the ERCOT transmission system. Austin Energy's retail customers pay the retail transmission costs

through the Regulatory Charge.

The base revenue requirement excludes pass-through charges (like the Regulatory Charge).

## **Recommendations**:

Staff	ICA	IHE
Yes. This amount is used to calculate the Regulatory Charge and has been removed from the calculation of retail base rates.	No recommendation.	Yes. The IHE agrees with Austin Energy's recommendation.

- The next proposed reduction to the revenue requirement is *Decision I-D(2): Transmission Revenues*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## Decision I-D(2): Transmission Revenues

**Question**:

Should City Council adopt NXP/Samsung's proposal to use projected FY 2015 wholesale transmission revenue instead of the test year 2014 cost of service revenue amount?

Background: Wholesale transmission revenue is collected from Distribution Service Providers across the ERCOT region to pay for their access to the part of the transmission system that is owned and operated by Austin Energy. Wholesale transmission costs and expenses have been removed from the cost of service study because Austin Energy's retail customers do not pay for wholesale transmission expenses.

## **Recommendations:**

Staff	ICA	IHE
No. The test year revenue amount should be used because it mathematically eliminates any possibility that retail customers could subsidize or be subsidized by wholesale transmission customers.	No recommendation.	Yes. The IHE recommends wholesale transmission revenue should reflect projected FY 2015 amount.
		This proposal reduces the revenue requirement by \$11,397,812.

- The next proposed reduction to the revenue requirement is Decision I-E: Fayette Power Plant Debt Defeasance.
- If all necessary reductions to the revenue requirement have been made, proceed to Decision II: Cost Functionalization and Allocation.

## Decision I-E: Fayette Power Plant Debt Defeasance

**Question:** 

Should City Council adopt Public Citizen/Sierra Club's proposal to establish a separate fund restricted to pay the outstanding debt associated with Fayette Power Plant? Annual funding of \$31.5 million has been proposed.

**Background**: Fayette Power Plant is a coal-fired power plant partially owned by Austin Energy (with Lower Colorado River Authority, which is also the operator). In the Resource Plan to 2025, City Council preliminarily planned for Austin Energy to cease its operations at FPP in 2023. AE anticipates there will be outstanding bond debt in 2023.

## **Recommendations**:

Staff	ICA	IHE
No.	No.	
AE and LCRA have not yet	There are no terms of	No.
agreed to terms, City Council has	agreement with LCRA,	The IHE concurs
not adopted a plan to exit FPP,	City Council has not	with Austin
and the proposed amount would	adopted an exit plan, and	Energy's
eliminate the proposed base rate	AE could use sinking	recommendation.
reduction.	fund payments instead.	

- The next proposed reduction to the revenue requirement is Decision I-F: Debt Service Associated with South Texas Nuclear Project.
- If all necessary reductions to the revenue requirement have been made, proceed to Decision II: Cost Functionalization and Allocation.

# Decision I-F: Debt Service Associated with South Texas Nuclear Project

**Question**: Should City Council adopt Paul Robbins' proposal to accelerate repayment of

debt associated with South Texas Nuclear Project ("STP")?

**Background**: Austin Energy owns a 16% share of the South Texas Nuclear Project (with CPS

Energy and NRG). Austin Energy's debt associated with STP was recently refinanced in order to take advantage of historically low interest rates. The bonds

are projected to be finally paid off in 2041.

## **Recommendations:**

Staff	ICA	IHE
No. Nuclear Regulatory Commission ("NRC") is currently reviewing an application to extend STP's license to operate. No decision should be made before NRC makes its final ruling.	No recommendation.	No. The IHE concurs with Austin Energy's recommendation.

- The next proposed reduction to the revenue requirement is *Decision I-G: Uncollectible Expense*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## <u>Decision I-G: Uncollectible Expense</u>

**Question**: Should City Council adopt Austin Energy's proposed uncollectible expense

amount of \$16,054,751?

**<u>Background</u>**: Uncollectible expense (aka bad debt) represents the amount of revenue Austin

Energy is unable to collect from its retail customers each year. Because it is a government agency, AE cannot write off this bad debt; therefore, all customers

must pay for the uncollected revenue as an added expense in their rates.

## **Recommendations:**

Staff	ICA	IHE
Yes. The proposed amount is the FY 2014 uncollectible expense, adjusted lower to remove the impact of changes that cause a large but temporary increase to uncollectible expenses.	No. The ICA recommends a total of \$10,199,660.  This is calculated by using a five-year average ratio of uncollectible expense to total revenues instead of using the FY 2015 amount.	No. The IHE agrees with the ICA's proposal and recommends a total of \$10,199,660.
	This would be a decrease of \$5,855,091.	This would be a decrease of \$5,855,091.

- The next proposed reduction to the revenue requirement is *Decision I-H: Economic Development and Community Programs*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# **Decision I-H: Economic Development and Community Programs**

**Question**: Should City Council adopt NXP/Samsung's proposal to eliminate Austin

Energy's funding for the Economic Development Department?

**<u>Background</u>**: The City of Austin's Economic Development Department historically has

received a large percentage of its funding from Austin Energy. Two years ago, the Council adopted a plan to spread the funding requirement across more City of

Austin departments.

## **Recommendations:**

Staff	ICA	IHE
No. EDD provides important business development work for AE by recruiting new electric customers to the service territory.	No, in part. The ICA recommends funding be rolled into the overall General Fund Transfer.	Yes. Economic development is not a reasonable or necessary expense to provide electric utility service.
		This would be a decrease of \$9,090,429.

- The next proposed reduction to the revenue requirement is *Decision I-I: Loss on Disposal*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# **Decision I-I: Loss on Disposal**

**Question**: Should City Council adopt NXP/Samsung's proposal to eliminate Austin

Energy's funding for Loss on Disposal of Assets? AE's proposed funding amount

is \$7,170,039.

**<u>Background</u>**: Loss on Disposal of Assets is an accounting practice that recognizes the expense

of disposing of certain assets before they have reached their full value.

## **Recommendations**:

Staff	ICA	IHE
No. Each year, AE must dispose of certain assets before they have been fully depreciated. It is a recurring expense and will continue in the future. The \$7 million requested amount represents actual FY 2014 losses.	In part. The ICA recommends a total of \$6,370,039. This is calculated by taking the average loss for the years FY 2011-2013.	No. The IHE recommends full funding.
	This would be a decrease of \$800,000.	

- The next proposed reduction to the revenue requirement is *Decision I-J: Customer Care*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## Decision I-J: Customer Care

**Question**:

Should City Council adopt NXP/Samsung's proposal to allocate more costs associated with the Utility Customer Center ("UCC") to other City of Austin departments?

**Background**: The Utility Customer Center provides and maintains the automated utility customer management call center, local payment centers, and the billing system. The UCC handles service requests and billing for the City of Austin Water Utility, Resource Recovery department, Austin Energy, Watershed Protection department, and Transportation department, among others. The UCC's budget is housed in the AE Fund and other COA departments transfer money to the AE Fund to pay for their share of the costs.

# **Recommendations:**

Staff	ICA	IHE
No. AE and AWU customer service requests tends to be more complicated and require more time to resolve than service requests for other COA departments. Allocation is based on a long-used study and shifting costs would inappropriately increase rates for customers of the other utilities without allowing for those customers to address the proposed increase.	Yes. The ICA recommends allocating more of the UCC's costs to other COA departments.  The ICA recommends using NXP/Samsung's proposed methodology to allocate costs back to other COA departments.	Yes. The IHE recommends allocating more of the UCC's costs to other COA departments.  The IHE recommends using NXP/Samsung's proposed methodology to allocate costs back to other COA departments.
	This would be a decrease of \$10,371,602.	This would be a decrease of \$10,371,602.

- The next proposed reduction to the revenue requirement is *Decision I-K: Rate Case* Expenses.
- If all necessary reductions to the revenue requirement have been made, proceed to Decision II: Cost Functionalization and Allocation.

# **Decision I-K: Rate Case Expenses**

**Question**: Should City Council adopt NXP/Samsung's proposal to extend the amortization

period for rate case expenses to five years?

**<u>Background</u>**: Electric utilities are typically allowed to recover the cost of conducting extensive

rate reviews from their customers. The costs include external consultant and legal support but not internal staff time. Austin Energy proposed to amortize the cost

over three years.

## **Recommendations:**

Staff	ICA	IHE
No. Even though AE does not intend to bring another rate review for five years, Council can always mandate an earlier review. Collection over three years will ensure that there is not a time when ratepayers are paying for two different rate reviews at the same time.	Yes. The ICA recommends amortizing the cost over five years. The ICA recommends this change because AE does not intend to bring a new base rate review for five years from now.	Yes. The IHE concurs with the ICA and recommends amortizing the cost over five years.
	This would be a decrease of \$215,333.	This would be a decrease of \$215,333.

- The next proposed reduction to the revenue requirement is *Decision I-L: Outside Services*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# **Decision I-L: Outside Services**

Question: Should City Council adopt NXP/Samsung's proposal to eliminate Austin

Energy's funding to hire Information Technology support services?

**<u>Background</u>**: Austin Energy hires outside contractors to supplement its in-house IT staff. These

contractors augment permanent staffing for special projects, system upgrades, and

other IT-related projects.

## **Recommendations**:

Staff	ICA	IHE
No. Austin Energy has incurred this expense every year and has no plans to stop contracting with outside service firms for this critical support function.	No recommendation.	No. The IHE recommends full funding.

- The next proposed reduction to the revenue requirement is *Decision I-M: Reserves*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## **Decision I-M: Reserves**

**Question**: Should City Council maintain its current financial policies related to Austin

Energy's reserve funds?

**Background**: City of Austin Financial Policies Nos. 11, 15 and 16 (related to Austin Energy) are adopted by the City Council each year, and they authorize the existence of and

target funding levels for each of AE's reserves. AE has recommended the City Council adopt new policies related to reserve funds in order to make them more

transparent to the community.

However, until the Council alters its financial policies, Austin Energy must propose a base revenue requirement founded on current policy.

## **Recommendations**:

Staff	ICA	IHE
No. Austin Energy conducted an extensive review of the Reserve Fund policies and target funding levels per Council direction. AE recommends adopting new policies based on that study.	No recommendation.	No recommendation.

- If Council chooses to adopt the current Reserve Fund policies, proceed to *Decision I-M(1): Current Reserve Fund Amounts*.
- If Council chooses not to adopt the current policies, proceed to *Decision I-M(2): Proposed Reserve Fund Policies*.
- The next proposed reduction to the revenue requirement is *Decision I-N: Property Transfers*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## Decision I-M(1): Current Reserve Fund Amounts

#### **Question**:

Should City Council adopt Austin Energy's proposed annual funding of \$11,590,703 in order to reach target funding levels under current financial policies?

**Background:** City of Austin Financial Policies Nos. 11, 15 and 16 (related to Austin Energy) are adopted by the City Council each year, and they authorize the existence of and target funding levels for each of AE's reserves. Austin Energy's proposed base revenue requirement is founded on current policy. Assuming Council chooses not to change policies, the following revenue would be required:

Reserve	<b>Funding Policy</b>	<b>Funding Amount</b>
Working Capital	45 days cash on hand	\$70,080,491
Strategic Reserve (Contingency)	60 days cash on hand	\$93,440,655
Strategic Reserve (Emergency)	60 days cash on hand	\$93,440,655
Strategic Reserve (Rate Stabilization)	90 days net power supply costs	\$107,412,480
Repair & Replacement	50% prior year depreciation	\$72,825,880
Total Funds Required		\$437,200,161
Funds Available		\$402,428,053
Funds Needed		\$34,772,108

Austin Energy proposes to collect these funds over a three year period.

## **Recommendations:**

Staff	ICA	IHE
In part.		In part.
Assuming Council chooses	No	Assuming Council chooses
not to change policies, then	recommendation.	not to change policies, then
staff recommends this	recommendation.	IHE recommends this
funding level.		funding level.

- If Council chooses not to adopt the current policies, proceed to *Decision I-M(2): Proposed* Reserve Fund Policies.
- The next proposed reduction to the revenue requirement is *Decision I-N: Property Transfers*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision* II: Cost Functionalization and Allocation.

## Decision I-M(2): Proposed Reserve Fund Policies

**Question**: Should City Council adopt Austin Energy's proposed new reserve fund policies?

**Background**: At Council's direction, Austin Energy conducted an extensive review of its financial policies and goals. One major result of this study is a set of new reserve fund policies that would replace the current funds authorized by Council. The study recommends clarifying the intent of the reserves and use of funds, and suggests new funding levels that are commensurate with AE's financial obligations. Recommended changes include:

Working Capital	Maintain
Strategic Reserve umbrella	Eliminate
Contingency Reserve	
Emergency Reserve	
Rate Stabilization Reserve	
Repair & Replacement Reserve	Change to Capital Reserve

## **Recommendations:**

Staff	ICA	IHE
Yes. The proposed reserve fund structure more closely aligns with AE's current operations and financial operations. The proposed policies also make AE's reserves more transparent as compared with current policies.	In Part.  The ICA recommends that AE not sweep PSA credits into the Power Supply Stabilization Reserve if the Reserve is below target funding level.	In Part.  The IHE recommends that AE not sweep PSA credits into the Power Supply Stabilization Reserve if the Reserve is below target funding level.

- If Council chooses to adopt the proposed policies, proceed to *Decision I-M(3): Proposed* Reserve Fund Amounts.
- The next proposed reduction to the revenue requirement is Decision I-N: Property Transfers.
- If all necessary reductions to the revenue requirement have been made, proceed to Decision II: Cost Functionalization and Allocation.

## Decision I-M(3): Proposed Reserve Fund Amounts

**Question**: Should City Council adopt Austin Energy's proposed target reserve fund levels?

Net funding requirement under the proposed policies is \$3,398,128.

**Background**: At Council's direction, Austin Energy conducted an extensive review of its

financial policies and goals. The study recommends suggests new funding levels that are commensurate with AE's financial obligations. The total target funding

for all reserves is 150 days cash on hand. Fund recommendations are:

Reserve	<b>Funding Policy</b>	Funding Amount
Working Capital	60 days cash on hand	\$93,440,655
Contingency Reserve	60 days cash on hand	\$93,440,655
Power Supply Stabilization	90 to 120 days net power supply costs	\$125,314,560
Capital Reserve	50% prior year depreciation plus balance to achieve 150 days cash on hand	\$100,426,568
Total Funds Required		\$412,622,438
Funds Available		\$402,428,053
Funds Needed		\$10,194,385

Austin Energy proposes to collect these funds over a three year period.

#### **Recommendations:**

Staff	ICA	IHE
	In part.	In part.
	The ICA recommends	The IHE recommends
Yes.	changing Working Capital	changing Working Capital
Funding levels are	to 45 days cash and	to 45 days cash and
appropriate given AE's	changing Power Supply to	changing Power Supply to
financial and operational	90 days net power supply	90 days net power supply
obligations.	costs. The ICA agrees	costs. The IHE agrees with
	with the total 150 days	the total 150 days cash on
	cash on hand target.	hand target.
This would be a decrease	This would be a decrease	This would be a decrease
of \$8,192,575.	of \$8,192,575.	of \$8,192,575.

- If Council chooses to adopt the proposed policies, proceed to *Decision I-M(4): Non-Nuclear Decommissioning Reserve*.
- The next proposed reduction to the revenue requirement is *Decision I-N: Property Transfers*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

## <u>Decision I-M(4): Non-Nuclear Decommissioning Reserves</u>

**Question**: Should City Council adopt Austin Energy's proposal to treat non-nuclear

decommissioning reserves as an operating expense?

**Background**: Non-nuclear decommissioning funding is required to pay for the eventual retirement and decommissioning of Austin Energy's non-nuclear fueled power

plants: Decker Creek Power Station, Fayette Power Plant, and Sand Hill Energy Center. These funds are set aside to be used when decommissioning activities commence. Reserve funds are established as percentage of annual operations and

maintenance expenses.

## **Recommendations:**

Staff	ICA	IHE
Yes. Accounting practices dictate that these funds should be treated as an O&M expense.	No. The ICA recommends the funds be accounted as reserves only.	In part. The IHE recommends that reserve fund calculations exclude non-nuclear decommissioning expense.
No change from proposed reserve fund levels.	No change from proposed reserve fund levels.	No change from proposed reserve fund levels.

- The next proposed reduction to the revenue requirement is *Decision I-N(1): Property Transfers—ECC*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# <u>Decision I-N(1): Property Transfers – Energy Control Center</u>

**Question**: Should City Council adopt Paul Robbins' proposal to recognize \$14.5 million in

proceeds from the sale of the Energy Control Center Property in 2015?

**<u>Background</u>**: The City of Austin sold the property on which the old Energy Control Center was

cited in November 2015 for the final phase of the 2<sup>nd</sup> Street redevelopment effort to West Avenue. Austin Energy did not include the sales proceeds in its test year

2014 cost of service study.

## **Recommendations:**

Staff	ICA	IHE
No. Proceeds from this sale are a one-time, non-recurring event and do not represent revenue that AE will receive each year and that can be used to offset annual expenses.	Yes. Proceeds should be reflected so as to minimize future debt obligation at the System Control Center on Montopolis Drive.	Yes. Proceeds should be reflected so as to minimize future debt obligation at the System Control Center on Montopolis Drive.
	This would be a decrease, amount depending on how it is accounted.	This would be a decrease, amount depending on how it is accounted.

- The next proposed reduction to the revenue requirement is *Decision I-N(2): Property Transfers—Various*.
- If all necessary reductions to the revenue requirement have been made, proceed to *Decision II: Cost Functionalization and Allocation*.

# <u>Decision I-N(2): Property Transfers – Various locations</u>

## **Question**:

Should City Council adopt Paul Robbins' proposal to require the City of Austin to provide compensation for the transfer of properties located at Seaholm South Substation, 2406 Ventura Drive, 3400 Burleson Drive, and/or Holly Street Power Plant?

**Background**: The City of Austin has transferred various parcels of property between its departments. These transfers have occurred over the past twenty years.

## **Recommendations:**

Staff	ICA	IHE
No. These properties were transferred prior to the last rate review, which was the appropriate time to question the transfer protocol.	No recommendation.	No. These properties were transferred prior to the last rate review, which was the appropriate time to question the transfer protocol.

- This is the last revenue requirement issue discussed in the formal IHE process. Examine other issues as needed and then determine the final, total base revenue requirement.
- Next, proceed to *Decision II: Cost Allocation*.

## **Decision II: Cost Functionalization and Allocation**

**Question**: Should City Council adopt the cost functionalization and allocation methodologies proposed by Austin Energy?

**Background**: Once the base revenue requirement is determined, the next step is to assign each of the utility's costs to a particular function the utility provides. AE's four functions are service to Customers, Distribution service, Transmission service, and Power Production.

The functionalized costs are then allocated across the various customer classes based on a formula of how much that class contributes to the provision of those services. Some costs can be directly assigned; other costs must be allocated using a methodology to determine the fair and appropriate amount of expenses that each class should bear. Different costs are assigned on different methodologies based on the characteristic of the cost and the profile of the customer class. Changes to those methodologies ultimately impact how much more or less a class of customers must pay.

## **Recommendations**:

Staff	ICA	IHE
Yes.	No. The ICA advocates for several changes to cost functionalization and allocation.	In part. The IHE recommends changing five allocators.
	The ICA's proposed changes would shift overall costs from the Residential class to commercial classes.	The IHE's proposed changes would shift overall costs from the Residential class to commercial classes.

- If Council chooses not to adopt the proposed cost functionalization and allocation methodologies, proceed to *Decision II-A: Functionalization of 311 Call Center* in order to determine which costs should be allocated differently.
- If Council chooses to adopt the proposed cost functionalization and allocation methodologies, proceed to *Decision III: Revenue Distribution*.

## Decision II-A(1): Functionalization of 311 Call Center

**Question**: Should City Council adopt Austin Energy's proposal to assign costs associated

with the 311 Call Center to the Customer function?

**Background**: The 311 Call Center fields calls from Austin-area residents regarding any number of services or programs offered by the City of Austin. Costs for the 311 Call

Center are shared by City of Austin departments based on an allocation methodology developed by CFO's office. Austin Energy's share of those costs is partly attributable to the call center's roll as a back-up call center for emergency

operations.

## **Recommendations:**

Staff	ICA	IHE
Yes. Assigning costs to the Customer function recognizes the inherent function of the call center is to serve customers.	No. The ICA recommends assigning these costs to the Distribution function because the call center serves a role in emergency operations. The IHE also notes that CFO's office assigned the center's costs associated with disaster recovery directly to Austin Energy and that these are the largest share of 311 Call Center costs AE must pay.	Yes. The IHE concurs with Austin Energy's recommendation.

- The next proposed change to cost functionalization and allocation is *Decision II-A(2):* Functionalization of Admin and General Labor Costs.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

# Decision II-A(2): Functionalization of Admin and General Labor

**Question**:

Should City Council adopt Austin Energy's proposal to assign costs associated with Administrative and General ("A&G") Labor (FERC 920) using a Labor allocator?

**Background:** Accounting code FERC 920 captures labor costs that are not directly assigned to specific operations (e.g., engineers at power plants are coded to power production). A&G labor costs are allocated across the utility's functions so that each operating unit shares in a portion of these A&G labor costs (e.g., sharing a portion of the Executive staff or the Human Resources staff).

## **Recommendations:**

Staff	ICA	IHE
Yes.	No.	
AE directly assigns	The ICA recommends	
management A&G costs at	allocating using a non-power	
the power plants where	supply O&M ratio because	
possible and then allocates	administrative and	Yes.
the remainder using a	management costs are more	The IHE concurs with
method that recognizes the	closely tied with overseeing	Austin Energy's
inherent administrative	expense levels and therefore	position.
nature of these labor costs.	A&G labor tend to be more	
The result is a fair	focused on the more	
distribution of costs across	expensive aspects of utility	
classes.	operations.	

- The next proposed change to cost functionalization and allocation is *Decision II-A(3)*: Functionalization of New Service Connection Fees.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

# Decision II-A(3): Functionalization of New Service Connection Fees

**Question**: Should City Council adopt Austin Energy's proposal to assign costs associated

with new service connections to the Distribution function?

**<u>Background</u>**: Each time a customer initiates service, Austin Energy incurs costs to establish

service. These costs are incurred whether the service is to connect a new

customer or to reconnect an existing customer.

## **Recommendations**:

Staff	ICA	IHE
Yes. Assigning these costs to the Distribution function recognizes that connection fees are fundamentally linked with AE's distribution infrastructure.	No. The ICA recommends assigning these costs to the Customer function because the cost is associated with serving a customer and not with the infrastructure costs.	No. The IHE concurs with the ICA's position.

- The next proposed change to cost functionalization and allocation is *Decision II-B:* Classification of Production Costs.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

## Decision II-B: Classification of Production Costs

**Question**: Should City Council adopt Austin Energy's proposal to classify costs associated

with power production as demand-related costs?

**Background**: Classification of costs helps determine how a cost should be paid for by customer classes. If a cost is classified as energy-related, then the cost is typically recovered through an energy rate (\$/kWh). If it's related to demand or the

number of customers, then it is typically recovered through a fixed rate (\$/kW or \$/month)

\$/month).

Power production costs include non-power supply operations and maintenance expenses at AE's power plants. Fuel costs, fuel transportation costs, and purchase power agreement costs are not included in power production. They are included in the Power Supply Adjustment.

## **Recommendations**:

Staff	ICA	IHE
Yes. Production costs are incurred when ERCOT wholesale prices warrant unit dispatch. Because prices can spike throughout the year, AE must maintain fleet readiness throughout the year. These costs should be considered fixed expenses that do not vary in short-term. Thus, non-power supply related production costs are classified as demand-related.	No. The ICA recommends classifying these costs as both demand and energy related. While dispatch happens every five minutes, the power plants only produce energy when customers demand it and therefore there is a fixed component to the cost.	Yes. The IHE concurs with Austin Energy's position.

- The next proposed change to cost functionalization and allocation is *Decision II-C:* Allocation of Production Costs.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

## Decision II-C: Allocation of Production Costs

**Question**: Should City Council adopt Austin Energy's proposal to allocate production costs

using the ERCOT 12 co-incident peak ("12 CP") methodology?

**Background**: Production costs are typically allocated to customer classes based on each class' use of the power plants at a particular point in time. Some methods allocate on a single peak hour of the year while others will allocate on a ratio of all 8,760 hours of the year.

> Austin Energy proposes to allocate production costs based on how much each customer class demands energy during the hour each month of the year that the ERCOT system realizes its peak demand (12 CP).

## **Recommendations**:

Staff	ICA	IHE
Yes. Production costs are incurred when AE's power plants are dispatched to the ERCOT wholesale market. Dispatch is based on the price of the unit compared with the market price at any given 5-minute interval. Prices can spike anytime of the year, not just in the summer months. Therefore, AE calculates each class's contribution to the 12 monthly ERCOT peaks and assigns production costs based on those ratios.	No. The ICA recommends allocating these costs using the "Baseload, Intermediate, and Peak" method, which assigns costs based on the type of power plant that would typically be operating when a customer class reaches its peak demand.	Yes. The IHE concurs with Austin Energy's position.

- The next proposed change to cost functionalization and allocation is  $Decision\ II-D(1)$ : Classification of Transformers and Capacitors.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

# Decision II-D(1): Classification of Transformers and Capacitors

**Question**:

Should City Council adopt Austin Energy's proposal to classify costs associated with transformers and capacitors as demand-related costs?

**Background**: Classification of costs helps determine how a cost should be paid for by customer classes. If a cost is classified as energy-related, then the cost is typically recovered through an energy rate (\$/kWh). If it's related to demand or the number of customers, then it is typically recovered through a fixed rate (\$/kW or \$/month).

> Transformers and capacitors are an essential part of the distribution system infrastructure which help regulate the flow of electricity from substations to customers at the proper voltage level.

## **Recommendations:**

Staff	ICA	IHE
Yes. Costs related to transformers and capacitors are based on the amount of electricity flowing through them at any given time, measured in a kW rating. AE must install transformers and capacitors that are able to meet the maximum demand placed on that part of the system at any point in the year. This is a traditional demand-related cost analysis. AE allocates these costs using a method called "Sum of Maximum Demands" which considers year-round demand impacts.	No. The ICA recommends classifying these costs using a summer-weighted energy methodology that recognizes the role transformers and capacitors play in mitigating line losses.	In part. The IHE concurs with Austin Energy's classification as demand but recommends NXP/Samsung's proposal to allocate using the 4 non-coincident peak method.

- The next proposed change to cost functionalization and allocation is *Decision II-D(2)*: Classification of Meters.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

## Decision II-D(2): Classification of Meters

**Question**: Should City Council adopt Austin Energy's proposal to classify meter costs as

customer-related costs?

**Background:** Classification of costs helps determine how a cost should be paid for by customer classes. If a cost is classified as energy-related, then the cost is typically recovered through an energy rate (\$/kWh). If it's related to demand or the number of customers, then it is typically recovered through a fixed rate (\$/kW or

\$/month).

Meters measure the amount of energy a customer consumes over a given period of time and the maximum amount energy demand at any moment.

## **Recommendations**:

Staff	ICA	IHE
Yes. Costs related to meters are directly associated with the number of customers in a class.	No. The ICA recommends classifying these costs as a blend between customer and demand-related costs because AE uses meter data to inform its demand-side management and energy efficiency programs.	Yes. The IHE concurs with Austin Energy's position.

- The next proposed change to cost functionalization and allocation is *Decision II-D(3)*: *Classification and Allocation of Services*.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

## Decision II-D(3): Classification and Allocation of Services

#### **Question**:

Should City Council adopt Austin Energy's proposal to classify costs associated with services as demand-related costs and allocate these costs using the Sum of Maximum Demands methodology?

**Background**: Classification of costs helps determine how a cost should be paid for by customer classes. If a cost is classified as energy-related, then the cost is typically recovered through an energy rate (\$/kWh). If it's related to demand or the number customers, then it is typically recovered through a fixed rate (\$/kW or \$/month).

> "Services" refers to costs associated with providing new service and extensions of service to customers.

## **Recommendations:**

Staff	ICA	IHE
Yes. Costs related to services are ultimately associated with the cost of the service drops, which tends to escalate as projected demand increases.	Yes. The ICA concurs with the Austin Energy's position.	Yes. The IHE concurs with the Austin Energy's position.

- The next proposed change to cost functionalization and allocation is *Decision II-D(4)*: Allocation of Distribution Costs.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

#### Decision II-D(4): Allocation of Distribution Costs

#### **Question**:

Should City Council adopt Austin Energy's proposal to allocate costs assigned to the Distribution function using the 12 non-coincident peak ("12 NCP") methodology?

**Background:** Costs assigned to the Distribution function include the cost of maintaining, upgrading, and repairing poles, wires, conductors and transformers used to deliver electricity to the end-use customer from the bulk transmission system. Allocation methodologies assign these costs across the customer classes based on how customers in those classes use the system.

> The 12 NCP methodology analyses each customer class's peak demand in each month of the year irrespective of whether that peak occurs at the same time as the ERCOT system or the AE system peak.

## **Recommendations**:

Staff	ICA	IHE
Yes. 12 NCP appropriately recognizes the year-round demand placed on AE's distribution system and the utility's requirements to operate and maintain the distribution system to meet customer needs.	Yes. 12 NCP allocates these costs more fairly as compared with 4 NCP because classes with high demands outside the summer season would be somewhat insulated from costs if only the four summer months are considered.	Yes.  12 NCP appropriately recognizes the year-round demand placed on AE's distribution system and the utility's requirements to operate and maintain the distribution system to meet customer needs.

- The next proposed change to cost functionalization and allocation is *Decision II-E(1)*: Allocation of Uncollectible Expenses.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

## Decision II-E(1): Allocation of Uncollectible Expenses

## **Question**:

Should City Council adopt the Independent Consumer Advocate's proposal to allocate costs associated with uncollectible expense (bad debt) as a ratio of class revenue requirement?

**<u>Background</u>**: Uncollectible expense represents the amount of revenue Austin Energy is unable to collect from its retail customers each year. Once the appropriate amount of expense to be recovered is determined in Decision I-G, the Council must determine how those costs are assigned to each of the customer classes. Changes in allocation methodology change the total amount of revenue required from each class to pay for the costs.

## **Recommendations:**

Staff	ICA	IHE
No.		
When able, costs should be	Yes.	Yes.
directly assigned to customer	Allocating uncollectible	Allocating uncollectible
classes so that a direct link	expenses using the ratio of	expenses using the ratio of
to cost causation can be	class revenue requirement	class revenue requirement
maintained. AE proposes to	allows more customers to	allows more customers to
allocate these costs directly	absorb the cost and avoids	absorb the cost and avoids
to the classes responsible for	placing undue burden on any	placing undue burden on any
incurring the cost in the first	given set of customers.	given set of customers.
place.		

- The next proposed change to cost functionalization and allocation is *Decision II-E(2)*: Allocation of Meter Expense and Meter Reading.
- If all necessary changes to cost functionalization and allocation have been made, proceed to Decision III: Revenue Distribution.

# Decision II-E(2): Allocation of Meter Expenses and Meter Reading

**Question**: Should City Council adopt Austin Energy's proposal to allocate costs associated

with meters and meter reading using weighted customer allocators?

**<u>Background</u>**: Meters and meter reading are the primary way for the utility to monitor the amount of electricity a customer consumes over time and demands at any given

point in time. Data from meters are the basic points of information for use in

developing customer bills, rates, and service programs.

#### **Recommendations:**

Staff	ICA	IHE
Yes.		Yes.
Meter expenses should be		Meter expenses should be
allocated using a weighted	In part.	allocated using a weighted
customer allocator so as to	The ICA supports allocating	customer allocator so as to
account for variations in	meter expenses on a	account for variations in
meter types for specific	weighted customer basis, but	meter types for specific
customer groups. Meter	recommends that meter	customer groups. Meter
reading should be allocated	reading be allocated on the	reading should be allocated
based on the number of	same basis in order to reflect	based on the number of
customers because the cost	the higher cost of serving	customers because the cost
to read the meter has little to	accounts with larger meters.	to read the meter has little to
do with the type of meter		do with the type of meter
installed.		installed.

- The next proposed change to cost functionalization and allocation is *Decision II-E(3):* Allocation of Marketing and Advertising.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

# Decision II-E(3): Allocation of Marketing and Advertising

**Question**: Should City Council adopt Austin Energy's proposal to directly assign some of

and allocate the remaining costs associated with marketing and advertising partly

based on the number of customers in each class?

**<u>Background</u>**: Austin Energy uses marketing and advertising to communicate with its customers

about special programs, safety tips, and policy objectives.

## **Recommendations**:

Staff	ICA	IHE
Yes. AE directly assigns a portion of these costs to Key Account customers. The remainder are assigned based on the number of customers in each class using an accepted industry allocation standard.	In part. The ICA supports directly assigning some costs to Key Account customers but recommends developing a weighted customer allocator because the expenses generally should be considered a cost of doing business and not inherently linked to the number of customers per class.	Yes. The IHE recommends direct assignment of some of the costs to Key Accounts customers and allocating the remainder using the number of customers in each class.

- The next proposed change to cost functionalization and allocation is *Decision II-E*(4): *Allocation of Service Connection Fees*.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

## Decision II-E(4): Allocation of Service Connection Fees

**Question**: Should City Council adopt Austin Energy's proposal to allocate costs associated

with Service Connections Fees based on customer billed demand ("Sum of

Maximum Demands" or "SMD")?

**Background**: Service connections fees are incurred when a customer initiates new service or

reestablishes existing service.

#### **Recommendations**:

Staff	ICA	IHE
Yes. SMD recognizes the cost related to services as dependent on the demand size of the customer.	No. The ICA recommends a weighted customer allocator because the expenses represent a cost of doing business and should be treated in part as general overhead.	Yes. The IHE recommends use of the SMD allocator.

- The next proposed change to cost functionalization and allocation is *Decision II-F:* Allocation of Energy Efficiency Service Charge.
- If all necessary changes to cost functionalization and allocation have been made, proceed to *Decision III: Revenue Distribution*.

# Decision II-F: Allocation of Energy Efficiency Service Charge

#### **Question**:

Should City Council adopt Austin Energy's proposal to directly assign the Energy Efficiency Service Charge based on a three-year average of costs incurred by the Residential class and non-residential classes?

**Background**: The Energy Efficiency Services Charge is a component of the Community Benefit Charge and recovers AE's cost of providing energy efficiency, solar, and electric vehicle programs. While the rate is set by Council each year in the annual budget process, the method by which some of the pass-through charges is allocated was reviewed by the parties to the IHE review.

### **Recommendations:**

Staff	ICA	IHE
Yes.		
Direct assignment of costs is	No.	No.
the most fair way to attribute	The ICA recommends	The ICA recommends
causation of the cost to	allocating the EES on a	allocating the EES on a
customer classes. Using a	system-wide basis adjusted	system-wide basis adjusted
rolling three-year average	for voltage level because	for voltage level because
ensures that year-to-year	energy efficiency programs	energy efficiency programs
changes in programming	benefit more than just the	benefit more than just the
will not unduly or unfairly	customers directly receiving	customers directly receiving
burden residential customers	program services.	program services.
or non-residential customers.		

- This is the last cost functionalization, classification and allocation issue discussed in the formal IHE process. Examine other issues as needed.
- Next, proceed to *Decision III: Revenue Distribution*.

## <u>Decision III: Revenue Distribution/Allocation/Spread</u>

**Question**: Should City Council adopt Austin Energy's proposal on how to distribute the total

revenue reduction across customer classes?

**<u>Background</u>**: Once the revenue requirement is established and cost allocation is determined, the next step in the process is to determine how to distribute the revenue reduction to

the various customer classes.

Austin Energy has proposed adhering to the following principles:

• No customer class receives a revenue increase

- Use revenue to help correct inequities or irregularities in past rate design
- Distribute the remaining revenue proportionally to classes based on the class's deviation to cost of service

## **Recommendations**:

Staff	ICA	IHE
Yes. AE's proposal delivers a large portion of benefit to classes that are furthest above cost of service, corrects some fundamental irregularities in the rate design, and emphasizes importance of Council's affordability goals.	No. The ICA recommends distributing revenues based on the ratio of class energy usage in order to allow all customers to enjoy the benefit of a system-wide rate reduction.	Yes. The IHE recommends AE's proposal because it best balances the need for AE to move toward rates that more closely align with an accepted cost of service study, minimizes bill impacts, and adhering to accepted policies and practices.

#### **Next Steps:**

• There were no individual revenue distribution issues examined in the IHE review. Once discussion on the revenue spread is complete and a decision is made, proceed to *Decision IV: Rate Design*.

# **Decision IV: Rate Design**

**Question**: Should City Council adopt Austin Energy's proposed changes to retail rate

design?

**<u>Background</u>**: Rates are the mechanism by which the utility collects costs from customers based

on the class revenue requirement and cost allocation decisions. Rates also reflect

policy priorities of the community, Council, and Austin Energy.

#### **Recommendations**:

Staff	ICA	IHE
Yes.	In part. The ICA recommends several changes to retail rate design.	Yes. The IHE recommends adoption of the proposed rate design.

- If Council chooses not to adopt the proposed rate design, proceed to *Decision IV-A:* Billing Adjustment Factor.
- If Council chooses to adopt the proposed rate design, proceed to *Decision V: Value of Solar Issues*.

## Decision IV-A: Billing Adjustment Factor

**Question**:

Should City Council accept Austin Energy's proposed methodology to adjust billing units to account for differences between booked revenue and predicted revenue?

**Background**: Austin Energy adjusts billing determinants (e.g., number of customers, demand measured in kilowatts, and energy measured in kilowatt-hours) used to calculate rates in order to reflect discrepancies caused by partial month bills, estimated meter readings, and errors in prior billing periods. AE's adjustment factor was calculated on a system-wide basis.

### **Recommendations:**

Staff	ICA	IHE
Yes. The adjustment is a reasonable industry practice and AE is unable to calculate the adjustment on a class basis due to a lack of classlevel data.	Yes. The adjustment is reasonable, if not best utility practice.	Yes. The adjustment is reasonable, if not best utility practice.

- The next proposed change to rate design is Decision IV-B: Seasonal Power Supply Adjustment.
- If all necessary changes to rate design have been made, proceed to Decision V: Value of Solar Issues.

## Decision IV-B: Seasonal Power Supply Adjustment

**Question**: Should City Council adopt Austin Energy's proposal to design summer and non-

summer rates for the Power Supply Adjustment?

**Background**: The Power Supply Adjustment is a pass-through charge that recovers AE's cost of fuel, purchase power agreements, and net wholesale market activities. While the rate is set by Council each year during the annual budget process, the methodology by which some pass-through charges are established was reviewed by parties in the IHE review process.

> Currently, Council adopts one PSA rate that remains in effect for a 12-month period typically beginning November 1<sup>st</sup> of each year. This proposal asks Council to adopt two rates each year during the annual budget process: a non-summer rate to be in effect October through May, and a summer rate to be in effect June through September.

## **Recommendations**:

Staff	ICA	IHE
Yes. Implementing a seasonal adjustment each year better reflects average wholesale market prices and fuel costs which tend to rise during the summer months.	Yes. The ICA supports Austin Energy's recommendation.	Yes. The IHE supports Austin Energy's recommendation.

- The next proposed change to rate design is Decision IV-C(1): Residential Customer Charge.
- If all necessary changes to rate design have been made, proceed to Decision V: Value of Solar Issues.

# <u>Decision IV-C(1):</u> <u>Residential Customer Charge</u>

**Question**:

Should City Council adopt the Independent Consumer Advocate's proposal to lock the Residential customer charge at \$10.00 per month until the next cost of service study?

**Background**: Customer charges are fixed cost recovery mechanisms that do not vary with the amount of electricity consumed during any particular period. Recovery of fixed cost items using a fixed revenue mechanism aligns customers and the utility more closely to cost causation principles.

#### **Recommendations**:

Staff	ICA	IHE
No, in part. While AE did not specifically recommend an increase to the customer charge, the Residential class remains millions of dollars below its class cost of service. AE recommends that Council adopt some type of rate adjustment in the next five years to help reduce the inter-class subsidy residential customers receive from commercial customers.	Yes. The ICA disputes AE's customer charge cost of service and recognizes that customers cannot avoid paying fixed charges through conservation efforts.	Yes. The IHE found no credible evidence in the record to support a change to the \$10.00/month charge.

- The next proposed change to rate design is *Decision IV-C(2): Residential Tiered Energy* Rates.
- If all necessary changes to rate design have been made, proceed to Decision V: Value of Solar Issues.

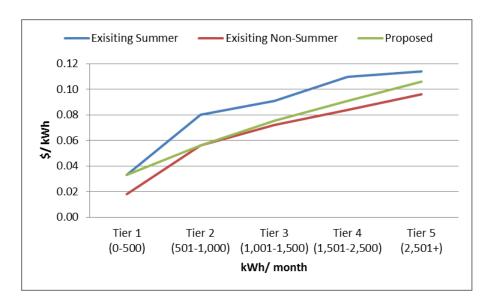
## Decision IV-C(2): Residential Tiered Energy Rates

**Question**: Should City Council adopt Austin Energy's proposal to modify the 5-tier energy

rate structure for residential customers?

**Background:** Energy rates are variable cost recovery mechanisms that change with the amount of electricity consumed during a particular period. Austin Energy employs a five tier, inclining block rate structure: as a customer uses more energy, the rate gets more expensive. AE's proposal would change the slope of the rate increases as

follows:



#### **Recommendations:**

Staff	ICA	IHE
Yes. Tier 1 rates currently are far below cost of service, which limits AE's ability to recover costs to periods of hot weather and high consumption.	No. The ICA recommends studying the effects of raising Tier 1 rates on conservation efforts before making any adjustments.	Yes. The increase brings Tier 1 rates moderately closer to cost of service while avoiding the potential for rate shock.

- The next proposed change to rate design is *Decision IV-C(3): Residential Seasonal Base Rates*.
- If all necessary changes to rate design have been made, proceed to *Decision V: Value of Solar Issues*.

# Decision IV-C(3): Seasonal Base Rates

**Question**: Should City Council adopt Austin Energy's proposal to eliminate seasonality

from base energy rates?

**Background**: In addition to using a five tier, inclining block rate structure, residential energy rates currently increase for the four summer months of June through September.

Non-residential customers also are charged a different energy rate during the

summer months.

This proposal asks Council to adopt one rate that remains in effect for the full 12-month period.

## **Recommendations**:

Staff	ICA	IHE
Yes. A single, year-long energy rate mirrors AE's cost structure more closely and is a more predictable rate design for customers allowing them to better anticipate their bills throughout the year.	Yes. The ICA supports Austin Energy's recommendation.	Yes. The IHE supports Austin Energy's recommendation.

- The next proposed change to rate design is *Decision IV-D: Non-Residential Customer Charge*.
- If all necessary changes to rate design have been made, proceed to *Decision V: Value of Solar Issues*.

## Decision IV-D: Non-Residential Customer Charge

**Question**: Should City Council adopt Austin Energy's proposed rate design for the demand

commercial and industrial classes?

Background: Like residential customers, commercial and industrial customers pay a fixed monthly customer charge that does not vary with consumption and pay energy charges that do vary with consumption. Austin Energy has redesigned customer, demand, and energy charges so as to rebalance some of the revenue recovery into fixed revenue mechanisms (i.e., increasing the customer and demand charges and lowering the energy charges). Additionally, the proposed rate design presents a logical progression of rates as demand increases so that if customers move in and out of different rate classes, potential bill impact volatility is minimized.

### **Recommendations:**

Staff	ICA	IHE
Yes. Recovering a higher percentage of revenue through fixed charges more closely aligns with how AE incurs its costs. The logical progression of rates improves customer experience and eliminates incentives to change commercial or industrial rates classes in search of more favorable terms.	Yes, in part. The ICA supports Austin Energy's recommendation but expressed concern about future increases to the customer charge for the smallest commercial class (Secondary Voltage 1).	Yes, in part. The IHE supports Austin Energy's recommendation but suggested that future changes to customer charges for small and midsize commercial customers should be studied more thoroughly.

- The next proposed change to rate design is Decision IV-E: Load Shifting Voltage Rider and Other Demand Response Tariffs.
- If all necessary changes to rate design have been made, proceed to Decision V: Value of Solar Issues.

# Decision IV-E: Load Shifting Voltage Rider and Other Demand Response Tariffs

**Question**:

Should City Council adopt Austin Energy's proposed change to the Thermal Energy Storage ("TES") tariff to create a discount rider for commercial customers that can reduce their year-round load using non-fuel based storage technologies?

**Background**: The current TES tariff encourages commercial customers to shift demand to nonpeak hours. However, the TES tariff can be difficult to administer and customers can experience unfavorable delays in implementation.

#### **Recommendations:**

Staff	ICA	IHE
Yes. Changes to the tariff will enable use of battery storage and other emerging technologies, improve internal administration, and maintain an incentive to achieve load-shifting policy goals.  AE agrees with some proposed changes suggested by Public Citizen to clarify the name of the program and to develop a pilot for a residential load shifting tariff.	No recommendation.	Yes. The IHE supports Austin Energy's recommendation.

- The next proposed change to rate design is Decision IV-F: S2 and S3 20% Load Factor Billing Determinant Adjustment.
- If all necessary changes to rate design have been made, proceed to *Decision V: Value of* Solar Issues.

## Decision IV-F: S2 and S3 20% Load Factor Billing Determinant Adjustment

#### **Question**:

Should City Council adopt Austin Energy's adjustment to the billing determinants for Secondary Voltage 2 (with demand between 10 kW and 300 kW) and Secondary Voltage 3 (with demand greater than 300 kW) to account for the proposed 20% load factor floor?

**Background**: Load factor is the ratio between the amount of energy used over a given period of time and the maximum amount of power that could have been demanded during that same period. Customers with high load factors consume roughly the same amount of power all day, every day. Customers with low load factors are "spikey" in nature and have high peak demands compared with average consumption over time.

> Austin Energy bills demand charges based on the customer's actual peak demand. AE's proposal limits the billed demand to a level that maintains a 20% load factor, based on the customer's energy (kWh) consumption. Customer bills that reflect load factors greater than 20% will not be impacted.

> In preparing the initial cost of service model that was released on January 25, 2016, Austin Energy did not include adjustments to billing determinants that accurately reflected the 20% load factor floor. The proposed billing determinant adjustment corrects that oversight.

## **Recommendations:**

Staff	ICA	IHE
Yes. Adjusting the billing determinants corrects an error in the cost of service model and appropriately calculates the S2 and S3 commercial class revenue requirements.	Yes. The ICA supports Austin Energy's recommendation.	Yes. The IHE supports Austin Energy's recommendation.

- The next proposed change to rate design is Decision IV-G: Group Religious Worship Discount.
- If all necessary changes to rate design have been made, proceed to *Decision V: Value of* Solar Issues.

## Decision IV-G: Group Religious Worship Discount

#### **Question:**

Should City Council adopt Bethany United Methodist Church's proposal to continue the Group Religious Worship Account (also known as "Houses of Worship") discounts, study weekend demand customers, and provide continuing support to HOW customers?

**Background**: In 2012, the City Council approved moving Houses of Worship accounts from the Residential class to the Non-Residential class corresponding with the customer's peak demand. As a way to mitigate the impact of that change, Council approved two discounts: (1) a cap was placed on the average, all-in rate that a HOW account would pay; and (2) demand charges were assessed on weekday peak demand and did not include weekend peak demand.

### **Recommendations:**

Staff	ICA	IHE
No, in part.  HOW accounts have had four years to transition into the new commercial rates.  There is no cost of service basis for extending the discount.  AE agrees with conducting a study of weekend demand customers and continuing to provide support for HOW customers.	Yes. The ICA recommends that Council continue the discounts until the next rate review because bill impacts are still a concern for many HOW customers, especially those with demand between 10 kW and 20 kW. The ICA also recommends that the study be conducted and continuing support be offered.	No, in part. The IHE supports Austin Energy's recommendation.

- This is the last rate design issue discussed in the formal IHE process. Examine other issues as needed.
- Next, proceed to *Decision V: Value of Solar Issues*.

# **Decision V-A: Commercial Value of Solar**

Question: Should City Council adopt Public Citizen/Sierra Club's proposal to implement a

commercial Value of Solar tariff in the FY 2017 budget and tariff documents?

**<u>Background</u>**: Currently, the Value of Solar method of calculating the costs and benefits of

distributed solar photovoltaics to Austin Energy and its customers is only available to residential customers. Commercial customers currently use the Performance Based Incentive and/or net-metering for their solar PV installations. The proposal would adopt the VOS methodology for both residential and

commercial customers.

### **Recommendations:**

Staff	ICA	IHE
No. Austin Energy recommends, and has committed to, conducting a holistic review of its residential and commercial solar programs in order to develop refined tariff structures that match policy objectives and program costs. AE suggests that this study be completed prior to implementing a commercial VOS program.	No. The ICA supports Austin Energy's recommendation.	No. The IHE supports Austin Energy's recommendation.

- The next Value of Solar issue is *Decision V-B: Community Solar*.
- If all necessary changes to rate design have been made, proceed to *Decision VI: Policy Issues*.

## **Decision V-B: Community Solar**

**Question**: Should City Council adopt Public Citizen/Sierra Club's proposal to implement a

Community Solar tariff in the FY 2017 budget and tariff documents?

**Background**: Community Solar is a program that enables customers who are interested but

unable for technical or financial reasons to participate in the deployment of distributed solar photovoltaic generation. Larger solar PV arrays are built and operated by the utility and customers can subscribe to the community solar program, receive the benefits of the renewable energy produced from the array,

and help pay for the cost of the plant.

### **Recommendations**:

Staff	ICA	IHE
No. Austin Energy is finalizing its review of potential Community Solar program subscription models. Developing and implementing a tariff now would be premature and not allow AE to roll out this new program with maximum efficiency. AE plans to present its final program to the community and City Council in the coming months.	No. The ICA recommends stakeholder review prior to program launch.	No. The IHE supports Austin Energy's recommendation.

- The next Value of Solar issue is *Decision V-C: Residential Value of Solar*.
- If all necessary changes to rate design have been made, proceed to *Decision VI: Policy Issues*.

# **Decision V-C: Residential Value of Solar**

**Question**: Should City Council adopt Jim Rourke's proposal to include a table depicting the

methodology of calculating the Value of Solar in the VOS tariff?

**<u>Background</u>**: The Value of Solar tariff contains high-level language which describes the inputs

and calculations for determining the VOS rate each year. The proposal would add language and generic formulae to the tariff to describe and define the components

and calculations of the VOS rate more clearly.

#### **Recommendations:**

Staff	ICA	IHE
Yes. Austin Energy supports the recommended change.	Yes.	Yes. The IHE supports the recommended change.

- This was the last Value of Solar issue discussed by the parties during the IHE review. Examine other issues as needed.
- Next, proceed to *Decision VI: Policy Issues*.

## Decision VI-A: Funding Discounts

## **Question**:

Should City Council adopt the Independent Consumer Advocate's proposal to require Austin Energy to pay for the \$5.8 million discount it has offered to outside City of Austin customers?

**Background**: Outside City of Austin customers appealed the Council's 2012 decision to raise rates to the Public Utility Commission of Texas. The City of Austin and parties to that appeal settled the case and Austin Energy agreed to discount outside COA customer rates by approximately \$5.8 million each year. AE proposes to continue offering that discount in this rate review as a way to mitigate potential legal risks.

> In the cost of service study, some inside COA customers pay for the cost of the discount. The ICA proposes that Austin Energy absorb the discount as a loss and reduce its cash reserves to pay for it.

#### **Recommendations**:

Staff	ICA	IHE
No.		
Cost causation principles		
suggest that the group that	Yes.	No.
benefits from avoiding future	The ICA suggests it is	The IHE recommends that
litigation because of the	unreasonable for inside	Council adopt the discount
existence of an additional	COA customers to pay	but suggests that all inside
discount should pay for the	for a benefit provided to	COA customer pay for the
discount. In this case, inside	outside COA customers	discount using the same
COA customers benefit most	and that AE continue to	methodology as the manner
directly from avoiding another	pay for the discount out	in which rate case expenses
PUC appeal, and, therefore,	of its margins.	are allocated.
should bear the cost of the risk		
mitigation strategy.		

- The next Policy Issue is Decision VI-B: Rates for Customers Inside and Outside the City Limits of Austin.
- If all necessary changes to rate design have been made, proceed to *Decision VII*: Statements of Position and Other Issues.

## Decision VI-B: Rates for Customers Inside and Outside the City Limits of Austin

**Question**: Should City Council adopt Austin Energy's proposal to maintain the approximately \$5.8 million discount for outside City of Austin customers?

**Background:** Outside City of Austin customers appealed the Council's 2012 decision to raise rates to the Public Utility Commission of Texas. The City of Austin and parties to that appeal settled the case and Austin Energy agreed to discount outside COA customer rates by approximately \$5.8 million each year. AE proposes to continue offering that discount in this rate review as a way to mitigate potential legal risks.

#### **Recommendations**:

Staff	ICA	IHE
Yes. Avoiding another appeal to the Public Utility Commission is in the best interests of the community, the City of Austin, Austin Energy, and its customers.	Yes, in part. The ICA agrees with the recommendation as long as the cost of the discount is paid for by Austin Energy and not its customers.	Yes. The IHE agrees with Austin Energy's recommendation.

- The next Policy Issue is *Decision VI-C: Piecemeal Ratemaking*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

## Decision VI-C: Piecemeal Ratemaking

#### **Question:**

Should City Council adopt NXP/Samsung's proposal to change the manner in which it sets pass-through charges, such as the Power Supply Adjustment or Regulatory Charge, and conduct a full analysis of all rates and charges every five years?

Background: Pursuant to the terms of the 2013 settlement of the outside City of Austin customers' appeal of retail rates to the Public Utility Commission, pass-through rates are set each year during the annual budget process. NXP/Samsung's suggestion would require a review process similar to this IHE review of base retail rates so that all rates—base rates, Power Supply Adjustment, Regulatory Charge, and Community Benefit Charge—are reviewed together at least once every five years.

### **Recommendations:**

Staff	ICA	IHE
No. The PSA is structured so that if there is significant volatility in the wholesale market or in fuel prices, Austin Energy can pass the cost or benefits on to customers more immediately than a full rate review would allow. Additionally, there is an established formal public process for Council to receive customer input on the rates each year.	In part. The ICA recommends that no changes to base rates occur outside the context of a full analysis and public review process, such as the current IHE review.	In part. The IHE agrees with the spirit of NXP/Samsung's proposal and recommends Council give serious consideration to the type of process that affords affected stakeholders the opportunity to review AE's pass-through charges.

- The next Policy Issue is *Decision VI-D: Service Area Lighting*.
- If all necessary changes to rate design have been made, proceed to Decision VII: Statements of Position and Other Issues.

## **Decision VI-D: Service Area Lighting**

**Question**: Should City Council adopt AE Low Income Customers' proposal to disallow

recovery of expenses associated with Service Area Lighting?

**<u>Background</u>**: Customers inside the City of Austin contribute to the recovery of costs associated

with traffic lights and street lights on roadways maintained by the City of Austin. These costs are recovered through the Service Area Lighting component of the Community Benefit Charge. Customers outside the City of Austin do not pay this

component pursuant to the terms of the 2013 PUCT settlement agreement.

#### **Recommendations**:

Staff	ICA	IHE
No. Provision of this public benefit is a core part of AE's mission. It is reasonable for the City Council to ask inside City of Austin customers to share in the cost of the safety and well-being of the community through this service.	No recommendation.	No. The IHE agrees with Austin Energy's recommendation.

- The next Policy Issue is *Decision VI-E: Power Production Costs and Treatment*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

## Decision VI-E: Power Production Costs and Treatment

**Question**: Should City Council adopt Data Foundry's position that all costs associated with

power production be disallowed from base rates?

**Background**: Austin Energy owns and operates several power plants and sells the electricity

from these plants into the ERCOT wholesale market. Austin Energy also buys all of the electricity it needs to serve its retail customers from the ERCOT wholesale market. Data Foundry suggests that costs associated with power production sold into the wholesale market should not be borne by retail customers. The proposal would disallow approximately \$300 million in annual revenue collected from

AE's customers.

## **Recommendations**:

Staff	ICA	IHE
No. Austin Energy is a vertically- integrated utility operating in a competitive wholesale market. As a municipally owned utility, AE's retail customers should also be considered the owners of the wholesale generation portfolio. The owners bear the risk and cost of assets owned and operated for their benefit.	No. The ICA rejects Data Foundry's understanding of how the wholesale market is structured and of the underlying statutory paradigm.	No. The IHE rejects Data Foundry's understanding of how the wholesale market is structured and of the underlying statutory paradigm.

- The next Policy Issue is *Decision VI-F: Studies Supporting Future Cost of Service*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

# Decision VI-F: Studies Supporting Future Cost of Service

**Question**: Should City Council approve the list of future studies proposed by Austin

Energy?

**Background:** Austin Energy proposed to conduct several studies in the interim period between rate reviews in order to develop a better understanding and better data sets of some different customer groups and policy objectives. Included in that proposed list of studies are:

- Analysis and refinement of residential tier structure, including conservation pricing signals through rate design
- Residential lifeline study of minimum energy required
- Multi-family cost analysis
- Analysis of three-phase customer costs
- Analysis and refinement of rates for Secondary Voltage 1
- Weekend demand customer study
- Downtown network rates

### **Recommendations**:

Staff	ICA	IHE
Yes. These studies will help AE conduct a more thorough and detailed cost of service study in the next rate review.	Yes, in part. The ICA supports the proposed studies but suggests stakeholder groups should participate in the studies.	Yes, in part. The IHE supports the proposed studies but suggests stakeholder groups should participate in the studies to the extent reasonably feasible.

- The next Policy Issue is *Decision VI-G: Customer Assistance Program*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

## Decision VI-G: Customer Assistance Program

**Question**: Should City Council adopt Paul Robbins' proposal to implement income verification as part of a stricter automatic enrollment system for customers

seeking support from the Customer Assistance Program?

**<u>Background</u>**: AE automatically enrolls customers in the Customer Assistance Program based on

a Council-approved list of state and federal programs which target low income and other vulnerable populations. Currently, AE does not verify the income of enrollees as the utility relies on the state or federal program's eligibility criteria.

## **Recommendations**:

Staff	ICA	IHE
No.		
Austin Energy has taken several		
steps in the past year to		
improve the CAP enrollment	No.	No.
process and to minimize the	The ICA agrees with	The IHE agrees with
number of enrollees who are	Austin Energy's	Austin Energy's
not low income customers. AE	recommendation.	recommendation.
recommends waiting to review		
actions taken to date and assess		
future steps when necessary.		

- The next Policy Issue is *Decision VI-H: Customer Satisfaction*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

## **Decision VI-H: Customer Satisfaction**

**Question**: Should City Council adopt the Independent Consumer Advocate's suggestion that

Austin Energy develop a plan to improve customer satisfaction scores?

**<u>Background</u>**: Austin Energy regularly surveys its customers to assess its performance and

service provision. Some recent surveys indicate that the utility could improve its

customer satisfaction ("C-sat") ratings.

#### **Recommendations**:

Staff	ICA	IHE
No. Austin Energy is in the process of addressing issues that appear to directly impact C-sat ratings. Any additional actions should be assessed following the implementation of these new plans.	Yes.	No recommendation.

- The next Policy Issue is *Decision VI-I: Pilot Programs*.
- If all necessary changes to rate design have been made, proceed to *Decision VII:* Statements of Position and Other Issues.

## Decision VI-I: Pilot Programs

#### **Question:**

Should Austin Energy be required to develop pilot programs with stakeholder groups and obtain the approval of the Electric Utility Commission and/or the City Council prior to rolling out new pilot programs?

**Background:** Frequently, Austin Energy will test new programs, rate structures, or customer interaction methodologies through pilot programs. These programs are intended to be short-lived and provide AE with valuable insight and data that are used to inform decisions about whether or not, and how, a new service should be offered.

> Recently, AE launched a prepaid pilot program so that the utility could study customer uptake rates, administration challenges, and policy questions related to a prepaid retail rate.

### **Recommendations:**

Staff	ICA	IHE
No. Pilot programs are vital avenues of learning for AE and must remain malleable so that the utility can study changing markets, technologies, and policies. Stakeholder involvement at the pilot stage is premature and would unnecessarily slow AE's ability to develop in-house expertise on an issue.	Yes. The ICA suggests that concerns over the prepay pilot could have been avoided if the pilot had been vetted by certain stakeholders before it was introduced.	No recommendation.
AE has committed to vetting with stakeholders any new program after the pilot phase.		

- The next Policy Issue is *Decision VI-J: Pick Your Own Due Date*.
- If all necessary changes to rate design have been made, proceed to Decision VII: Statements of Position and Other Issues.

# Decision VI-J: Pick Your Own Due Date

**Question**: Should adopt the Independent Consumer Advocate's recommendation to require

Austin Energy to develop a "Pick Your Own Due Date" as soon as it is

technically feasible?

**<u>Background</u>**: Pick Your Own Due Date is a customer service offering that allows customers—

particularly those on fixed incomes—to pick the date on which their bill is due so that they can pay their bills a few days after they receive their revenue for the

month.

## **Recommendations**:

Staff	ICA	IHE
No, in part.  AE is in the process of developing the program and has been developing the internal capacity needed to offer the service in the near future.  Setting an implementation date outside AE's internal project timeline would unnecessarily rush program development.	Yes.	Yes. The IHE agrees with the ICA's recommendation.

- This is the last Policy Issue discussed by parties to the IHE review process. Examine other issues as necessary.
- Next, proceed to Decision VII: Statements of Position and Other Issues.

## Decision VII-A: Other Issues – Late Payment Fees

**Question**: Should City Council adopt AE Low Income Customer's proposal to eliminate late

payment fees?

**<u>Background</u>**: Late payment fees are an incentive used to motivate on-time payment of utility

bills and recover a reasonable amount of money that helps defray some of the collections costs incurred by the utility. Austin Energy assesses a 5% fee on payments received four days after the bill due date. The fee is authorized and

mandated by City ordinance.

## **Recommendations**:

Staff	ICA	IHE
No. Late payment fees are a reasonable, common, and useful tool to help motivate customers to pay their bills on-time. The amount is mandated by City law and is not unduly burdensome or arbitrary.	In part. The ICA recommends that late payment fees be eliminated for CAP customers only.	In part. The IHE supports the ICA's recommendation

## Next Steps:

• The next Statement of Position/Other Issue is *Decision VII-B: Other Issues – Regulatory Charge*.

## Decision VII-B: Other Issues – Regulatory Charge

**Question**: Should City Council adopt Austin Energy's Regulatory Charge design structure?

**Background**: As discussed in *Decision IV-D*, Austin Energy proposes to redesign several of the non-residential rates to create a logical progression from one rate class to the next. One specific instance of this redesign is in the Regulatory Charge. Currently, the Regulatory Charge for the Primary Voltage 2 class (with demand between 3 MW and 20 MW) is significantly lower than the rate for either Primary Voltage 1 (with demand less than 3 MW) or Primary Voltage 3 (with demand greater than 20 MW) due to several changes in billing determinants over the past four years. AE proposes to set the P2 Regulatory Charge in line with the rates for P1 and P3

## **Recommendations:**

Staff	ICA	IHE
Yes.  Maintaining a logical progression from one rate to the next is an appropriate ratemaking principle and helps avoid future cost considerations as customers move in and out of the different primary voltage classes.  Additionally, AE proposed allocating a significant share of the revenue distribution to offset any cost the increase to the Regulatory Charge would create.	No recommendation.	Yes. The IHE supports Austin Energy's recommendation

- This is the last Statement of Position/Other Issue discussed by the parties in the IHE review. Examine any other issues as needed.
- The IHE made no other recommendations for the Council's consideration.