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April 28, 2009

Public Utilities Commission of Ohio
PUCO Docketing
180 E. Broad Street, 10th Floor
Columbus, Ohio 43215

In re: Case No. 09-119-EL-AEC

Dear Sir/Madam:

Please find enclosed an original and twelve (12) copies of the OBJECTIONS OF THE OHIO ENERGY previously fax-filed in the above-referenced matter.

Copies have been served on all parties on the attached certificate of service. Please place this document of file.

Respectfully yours,

David F. Boehm, Esq.
Michael L. Kurtz, Esq.
BOEHM, KURTZ & LOWRY

MLKkew
Encl.
Cc: Certificate of Service
Chairman Alan R. Schriber
Ronda Hartman Fergus
Valerie A. Lemmie
Paul A. Centolella
Cheryl Roberto
Gregory Price, Hearing Examiner
Steve Lesser, Esq.

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CERTIFICATE OF SERVICE

I hereby certify that true copy of the foregoing was served by electronic mail (when available) and/or regular U.S. mail, this 28TH day of April, 2009 to the following:

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BEFORE THE
PUBLIC UTILITY COMMISSION OF OHIO

In the Matter Of The Application Of Ormet Primary Aluminum Corporation for Approval of a Unique Arrangement with Ohio Power and Columbus Southern Power Company	:	**Case No. 09-119-EL-AEC**

OBJECTIONS OF
THE OHIO ENERGY GROUP

Pursuant to the April 17, 2009 Entry, the Ohio Energy Group ("OEG") submits the following Objections.

OEG's members who are participating in this intervention are: AK Steel Corporation, Aleris International, Inc., ArcelorMittal, BP-Husky Refining, LLC, Brush Wellman, E.I. dupont de Nemours & Company, Ford Motor Company, GE Aviation, Griffin Wheel, Linde, Inc., Procter & Gamble Distribution Company, PPG Industries, Inc., Republic Engineered Products, Inc., Severstal Wheeling and Worthington Industries. OEG opposes Ormet's Application because it is an ill-advised economic development proposal for Ohio. For 2010, Ormet's Application would:

1. Result in Ormet receiving 4.66 million mWh of free electricity;
2. Result in delta revenue of $206.1 million;
3. Cost an average residential customer of Columbus Southern and Ohio Power $88.24 and $80.14 per year respectively; and
4. Cost $344,649 per direct job for each of Ormet's 598 Ohio employees, and $103,256 per job for all direct and indirect jobs created by Ormet.

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If the Application is approved it should be modified to: 1) set a price floor at AEP's fuel adjustment clause, currently $24.02/mWh; and 2) exclude POLR charges from delta revenue because AEP would be the exclusive electricity supplier under the unique arrangement and AEP would therefore have no POLR risk during the term of the contract.

A. Background

On February 17, 2009 Ormet Primary Aluminum Corporation ("Ormet") filed an Application for approval of a ten-year unique arrangement under R.C. Section 4905.31 and OAC Section 4901:1-38-05 between itself and AEP-Ohio. The unique arrangement ties the price of electricity ("Indexed Rate") paid by Ormet to the worldwide price of aluminum as established on the London Metal Exchange ("LME"). The Indexed Rate is the amount in $/mWh that Ormet could pay to "*produce sufficient cash flow to sustain its operations at the Hannibal Facilities and to pay its required legacy pension costs, depending upon the Annual LME price of aluminum.*" (Proposed Unique Arrangement at Paragraph 1.13). The difference between what Ormet determines that it is able to pay for electricity (the Indexed Rate) and the tariff rate it would otherwise pay is proposed to be charged to all other ratepayers ("Delta Revenue"). Ormet asserts that this variable electric rate tied to its ability to pay and LME pricing is balanced because "*when aluminum prices are low, Ormet will receive a discounted rate, and when aluminum prices are high, Ormet will pay a premium.*" (Application at pp. 6, 8). The maximum amount of the premium is 5% more than the otherwise applicable AEP-Ohio tariff rate. At current AEP-Ohio tariff rates of $44.24/mWh for Ormet's full load this 5% premium is approximately $10.3 million.[1] This 5% premium will apply when the LME price is more than $3,000/tonne. The April 27, 2009 LME price is less than half that at approximately $1,398/tonne (Attachment 2).

[1] 540 MW x 8,760 x 0.985 = 4,659,444 mWh. $44.24/mWh x 4,659,444 x 0.05 = $10,306,690. The current tariff rate Ormet would pay of $44.24/mWh is taken from AEP's Supplemental Response to RFD-4, Attachment 1.

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B. Objections To Proposed Unique Arrangement

1. There Is No Floor On How Low Ormet's Electric Rate Can Go.

While Ormet's proposed unique arrangement caps its power costs at 5% above the otherwise applicable large industrial rate in the event LME aluminum prices more than double from their current level, there is no floor. The fact that there is no price floor was confirmed by Ormet witness Mr. Tanchuk at p. 7 of his testimony. As proposed by Ormet, the rate that it would pay could go to zero. This means that Ormet proposes that AEP's residential, commercial and industrial customers would be required to pay for the fuel, environmental (emission allowance costs for SO_2, NOX and very likely in the near future CO_2) and other out of-pocket variable costs to serve its 540 MW load over the period 2010-2018. We are aware of no power contract anywhere in the United States where the consumer did not have to pay at least for the out-of-pocket variable costs to serve its load. In sum, if the aluminum market stays depressed, the largest power consumer in the Midwest wants the opportunity to receive free electricity.

Despite Mr. Tanchuk's admission that there is no price floor, Ormet witness Mr. Fayne claims to the contrary at pages 5-6 of his testimony and points to Paragraph 2.03 of the proposed unique arrangement. Paragraph 2.03 provides that the Commission "*may*" require "*modification*" of the unique arrangement prior to January 1, 2016 if the cumulative net discount received by Ormet exceeds 50% of the amount Ormet would have paid under the AEP-Ohio Tariff Rate. But this provision ties the Commission's hands more than it provides ratepayer protection. Under Paragraph 2.03, the Commission is prohibited from amending the contract before 2016 if the cumulative net discount is 49% or less. It is only when the discount exceeds 50% that the Commission "*may*" act to modify the Agreement. Paragraph 2.03 provides no binding ratepayer protection and the fact remains that there is no floor in Ormet's proposed agreement.

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Just as there is a hard 5% cap on the premium Ormet may pay, there should also be a hard floor. The floor should be the payment of all out-of-pocket variable costs to produce the power consumed by Ormet, plus some contribution to fixed costs. As shown on Attachment 1, for 2009 the fuel adjustment clauses of CSP and OPC are $28.684/mWh and $19.3463 (mWh respectively). (These FAC rates are understated because they do not include significant FAC deferrals). Ormet should not be charged less than these FAC rates. Because 50% of Ormet's load is served by each OPC and CSP, this would result in a price floor of $24.02/mWh. This price floor would be 21.7% below the forecasted 2009 global average power tariff for aluminum smelters of $30.7/mWh cited by Mr. Tauchuk at p. 6 of his testimony.

2. **Using Current LEM Futures Prices, Ormet's Proposal Would Result In It Getting Free Electricity In 2010 And Would Result In Delta Revenues Of $206.1 Million For That Single Year.**

Ohio Office of Consumers' Counsel witness Mr. Ibrahim calculated that the delta revenue that would be produced by Ormet's proposal in 2010 would be $179 million.[2] He made this calculation based upon a CSP/OPC combined tariff rate of $38.43/mWh. But that was before the ESP rate increases. Based upon AEP's supplemental data response submitted after Mr. Ibrahim's testimony was filed, the combined tariff rate is now $44.24/mWh, which yields a delta revenue of $206.1 million. (Attachment 3).

Mr. Ibrahim also calculated that for any LME price of less than $1,941/tonne Ormet would receive free electricity.[3] Again, that calculation used pre-ESP tariff rates. Using the post-ESP tariff rate of $44.24/mWh, Ormet will receive free electricity if the LME price of aluminum is less than

[2] Ibrahim Direct Testimony at p. 10.
[3] *Id.*

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$1,822/tonne.[4] This means that the current LME price of $1,398/tonne would have to go up by 30% before Ormet would pay anything for electricity.

As OEG noted in its intervention and as Mr. Ibrahim notes in his testimony, the formula proposed by Ormet actually results in a negative price of electricity. But it would be unlawful to require consumers to pay Ormet to use electricity (i.e., a negative power rate). Furthermore, from an energy efficiency and environmental perspective, it is hard to imagine a worse policy than charging the largest power consumer in the Midwest a negative price for electricity.

A delta revenue of $206.1 million in 2010 will result in significant rate increases per customer class. The Economic Development Cost Recovery Rider approved by the Commission in AEP's ESP case allocates delta revenue on the basis of distribution revenue. Attachment 4 shows residential, commercial, industrial and other distribution revenue as a percent of total for OPC and CSP. Using these percentages and 2010 delta revenue of $206.1 million results in the following rate increases.

Rate Increases By Class Assuming
Annual Delta Revenue Of $206.1 Million

	CSP	OPC
Residential	$59.8 million	$54.1 million
Commercial	$33.4 million	$26.1 million
Industrial	$9.3 million	$21.7 million
Other	$0.6 million	$1.1 million

	CSP	OPC
Residential	$7.74/mWh	$7.03/mWh
Commercial	$3.64/mWh	$4.37/mWh
Industrial	$1.62/mWh	$1.51/mWh
Other	$10.91/mWh	$12.11/mWh

[4] [($2,725 - $1,822) * 0.049] – 44.24 = Zero.

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For the average residential customer using 950 kWh per month this translates into an annual rate increase of $80.14 for OPC and $88.24 for CSP. For a large steel company like Severstal Wheeling, Republic or Timken the delta revenue subsidy to Ormet would be more than $1 million per year by each steel company. The annual delta revenue that would be paid by the OEG members served by AEP would be approximately $4.1 million

The economic impact study performed by Ormet witness Prof. Coomes did not take into account the job losses and economic hardship associated with a $206.1 million per year wealth transfer from 1.46 million customers to a single corporation. Ormet has 598 direct employees who live in Ohio. The delta revenue amounts to $344,649 per direct Ohio employee. This is not a wise economic development arrangement for Ohio.

3. <u>The Proposed Unique Arrangement Allows Ormet To Effectively Set Its Own Electric Rate.</u>

This proposed unique arrangement effectively allows Ormet to set its own electric rate. The Target Price and Indexed Rate sought by Ormet for 2010 and 2011 are attached to its Application. Pursuant to Paragraph 5.02, beginning October 1, 2011, each year Ormet is to prepare and submit to the Commission a schedule showing the Target Price and Indexed Rate that Ormet unilaterally determines that it needs/wants for the following year. There is no contractual standard as to how Ormet will determine the electric price it needs/wants to pay, other than it will be the rate Ormet determines is necessary to "*produce sufficient cash flow to sustain its operations at the Hannibal Facilities and to pay its required legacy pension costs.*" (Proposed Unique Arrangement Paragraph 1.13). "*Sufficient cash flow*" is undefined. "*Sustain its operations*" is undefined. Nor can either term be quantified and therefore audited. The contract does provide that Ormet will pay for an independent third party to review "*any schedule*" submitted by Ormet. But the schedule is a one-page piece of paper in the form of Schedule A to the Application. There is no provision limiting the salaries or dividends Ormet can pay

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while it is receiving a ratepayer subsidy. There is no incentive for Ormet to control its costs because if its cash flow is hurt through excessive expenses, then its power rate will be correspondingly lower. But the power rates of all other consumers will then go up through increased delta revenue payments.

Ormet's proposal that it be able to set its annual electric rate based upon its determination of its cash flow needs is an abdication of the ratemaking function to itself. No utility is allowed to establish the rates it charges based upon its unilateral determination of its cash flow needs. Yet Ormet seeks this privilege regarding the rates it will pay, and therefore the delta revenue everyone else will pay.

Ormet has $289 million "*legacy*" costs. (Attachment 5). These include $220.8 million in pension obligations that Ormet has under funded. Over the next five years the cash cost of Ormet's legacy obligations is estimated at $241 million. It would be wonderful if this state was rich enough to bail out Ormet. But we are not. Forcing 1.46 million consumers to pay higher electric rates to bail out Ormet only means that these same 1.46 million consumers will continue to sink deeper into their own holes of economic despair. Who is going to bail them out? This Commission is supposed to protect the public interest, not the private interests of Ormet.

4. The Economic Impact Of Ormet Extends 58% To Ohio And 42% To West Virginia, Yet Ohio Consumers Would Pay All Of The Ormet Subsidy.

Attachment E to the Application is a study showing the economic impact of Ormet to the surrounding seven county region. Four of these seven counties are in West Virginia. Ormet directly employs 1,027 people. 598 in Ohio, 427 in West Virginia and 2 in Pennsylvania. Ormet's employment is therefore 58% in Ohio and 42% in West Virginia. Because each industrial job creates additional jobs through a multiplier effect, Ormet's study estimates that the total net annual impact on the seven county region is 3,441 jobs (1,996 in Ohio and 1,445 in West Virginia) and $195 million in total employee compensation ($113 million in Ohio and $82 million in West Virginia).

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A subsidy by Ohio ratepayers of $206.1 million in 2010 to maintain 1,996 direct and indirect Ohio jobs is $103,256 per job. This means that the subsidy is more than the value of the jobs. Of course, there is no question that this unique arrangement is a tremendous benefit to the economy of West Virginia because it gets 42% of the benefit and pays none of the delta revenue.

5. Delta Revenue Should Not Include Any POLR Charges.

The unique arrangement proposed by Ormet would make AEP the exclusive electric supplier to its Hannibal, Ohio facility. (Proposed contract §2.01). Therefore, if the unique arrangement is approved, AEP would have no risk that Ormet would shop for competitive generation during the contract term. Because AEP would have no POLR risk, POLR charges should be excluded from any delta revenue. POLR charges to Ormet under AEP's existing tariffs are approximately $15.3 million per year. (Attachment 1).

If POLR charges are not excluded from delta revenue, then AEP will actually benefit from the unique arrangement because it would receive the full tariff revenue (including POLR), but have no POLR risk. Delta revenue should be used to keep the utility economically neutral (at most), not provide it with an affirmative benefit.

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C. Conclusion

As proposed, this unique arrangement is unreasonable and unlawful and should be modified by the Commission to:

1) Establish a price floor at AEP's fuel adjustment clause, currently $24.02/mWh; and

2) Exclude POLR charges from delta revenue.

Respectfully submitted,

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April 28, 2009

COUNSEL FOR THE OHIO ENERGY GROUP

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ATTACHMENT 1

COLUMBUS SOUTHERN POWER COMPANY'S AND OHIO POWER COMPANY'S RESPONSE TO OHIO CONSUMERS' COUNSEL DISCOVERY REQUESTS FIRST SET CASE NO. 09-119-EL-AEC

REQUEST FOR PRODUCTION OF DOCUMENTS

RPD-4. Please provide a copy of all documents, communications, and information that were used to respond to OCC Interrogatory No. 6.

RESPONSE:

See the Companies' response to OCC Interrogatory No. 6.

SUPPLEMENTAL RESPONSE:

See the attached 4 pages that support the Supplemental Response to OCC Int. 6.

Prepared by: Counsel
Supplement Prepared by: D.M. Roush

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COLUMBUS SOUTHERN POWER COMPANY'S AND OHIO POWER COMPANY'S RESPONSE TO OHIO CONSUMERS' COUNSEL DISCOVERY REQUESTS FIRST SET CASE NO. 09-119-EL-AEC

INTERROGATORY REQUEST

INT-6 Please identify the amount of delta revenues expected to be produced on a yearly basis by the unique arrangement proposed in the Application. Pease provide an explanation regarding the calculation of the delta revenues that would be produced by this unique arrangement – please include all assumptions made, and all rate comparisons, including schedules, and riders that are components of the delta revenue calculation provided in response to the preceding interrogatory.

RESPONSE:

The Companies have not identified the amount of delta revenues expected to be produced on a yearly basis by the unique arrangement proposed in the Application.

SUPPLEMENTAL RESPONSE:

Assuming full production, and a $33/MWH charge to Ormet the delta revenues from June through December 2009 would be $16,537,162. Over that same time period, assuming the shut down of two potlines and a $34/MWH charge to Ormet, the delta revenues would be $18,729,288.

Prepared by: Counsel
Supplement Prepared by: D.M. Roush

		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
kWh		372,953,401	385,246,208	385,246,208	373,118,574	384,424,135	372,229,847	384,498,535	
ESP Rate Billing									
$	Gen	$12,950,978	$13,247,858	$13,247,858	$12,956,704	$13,219,631	$12,925,891	$13,222,186	
	Trans	$1,863,143	$1,896,373	$1,896,373	$1,863,969	$1,892,326	$1,859,529	$1,892,692	
	Dist	$1,780,274	$1,828,543	$1,828,543	$1,781,061	$1,824,648	$1,776,826	$1,825,000	
	Total	$16,594,395	$16,972,773	$16,972,773	$16,601,734	$16,936,605	$16,562,246	$16,939,878	
$/MWh	Gen	$34.73	$34.39	$34.39	$34.73	$34.39	$34.73	$34.39	
	Trans	$5.00	$4.92	$4.92	$5.00	$4.92	$5.00	$4.92	
	Dist	$4.77	$4.75	$4.75	$4.77	$4.75	$4.77	$4.75	
	Total	$44.49	$44.06	$44.06	$44.49	$44.06	$44.49	$44.06	
$38 /MWh Dollar Rate Billing									
$	Gen	$10,526,812	$10,914,440	$10,914,440	$10,533,476	$10,891,144	$10,508,379	$10,893,252	
	Trans	$1,863,143	$1,896,373	$1,896,373	$1,863,969	$1,892,326	$1,859,529	$1,892,692	
	Dist	$1,780,274	$1,828,543	$1,828,543	$1,781,061	$1,824,648	$1,776,826	$1,825,000	
	Total	$14,172,229	$14,639,356	$14,639,356	$14,178,506	$14,608,117	$14,144,734	$14,610,944	
$/MWh	Gen	$28.23	$28.33	$28.33	$28.23	$28.33	$28.23	$28.33	
	Trans	$5.00	$4.92	$4.92	$5.00	$4.92	$5.00	$4.92	
	Dist	$4.77	$4.75	$4.75	$4.77	$4.75	$4.77	$4.75	
	Total	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	
ESP Delta Revenue (ESP Rate - $38 /MWh Requested Rate)									
		$2,422,166	$2,333,417	$2,333,417	$2,423,228	$2,328,488	$2,417,512	$2,328,934	**$16,587,162**

Month	KW	CP KW	KVA	CP KVA	KWH
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Month	Demand Rate	Demand	Energy Rate	Energy	Customer Rate	Customer
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Month	Demand Rate	Demand	Energy Rate	Energy	Customer Rate	Customer
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Month	Demand	Energy	Customer
Jun-09	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]

Month	Demand	Energy	Customer
Jun-09	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]

		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
kWh		256,054,201	264,450,368	264,450,368	256,219,374	263,628,295	255,330,647	263,702,695	
ESP Rate Billing									
$	Gen	$8,897,939	$9,100,269	$9,100,269	$8,903,666	$9,072,042	$8,872,853	$9,074,597	
	Trans	$1,279,156	$1,301,756	$1,301,756	$1,279,981	$1,297,709	$1,275,542	$1,298,075	
	Dist	$1,223,210	$1,256,143	$1,256,143	$1,223,997	$1,252,247	$1,219,762	$1,252,600	
	Total	$11,400,305	$11,658,167	$11,658,167	$11,407,644	$11,621,999	$11,368,156	$11,625,272	
$/MWh	Gen	$34.75	$34.41	$34.41	$34.75	$34.41	$34.75	$34.41	
	Trans	$5.00	$4.92	$4.92	$5.00	$4.92	$5.00	$4.92	
	Dist	$4.78	$4.75	$4.75	$4.78	$4.75	$4.78	$4.75	
	Total	$44.52	$44.08	$44.08	$44.52	$44.08	$44.52	$44.08	
$34 /MWh Dollar Rate Billing									
$	Gen	$6,203,477	$6,433,414	$6,433,414	$6,207,480	$6,413,406	$6,185,939	$6,415,217	
	Trans	$1,279,156	$1,301,756	$1,301,756	$1,279,981	$1,297,709	$1,275,542	$1,298,075	
	Dist	$1,223,210	$1,256,143	$1,256,143	$1,223,997	$1,252,247	$1,219,762	$1,252,600	
	Total	$8,705,843	$8,991,313	$8,991,313	$8,711,459	$8,963,362	$8,681,242	$8,965,892	
$/MWh	Gen	$24.23	$24.33	$24.33	$24.23	$24.33	$24.23	$24.33	
	Trans	$5.00	$4.92	$4.92	$5.00	$4.92	$5.00	$4.92	
	Dist	$4.78	$4.75	$4.75	$4.78	$4.75	$4.78	$4.75	
	Total	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00	
ESP Delta Revenue (ESP Rate - $34 /MWh Requested Rate)									
		$2,694,462	$2,666,855	$2,666,855	$2,696,185	$2,658,637	$2,686,914	$2,659,380	**$18,729,288**

Billing Determinants

Month	kW	CP kW	kVA	CPKVA	kWh
Jun-09	[illegible]		[illegible]		[illegible]
Jul-09	[illegible]		[illegible]		[illegible]
Aug-09	[illegible]		[illegible]		[illegible]
Sep-09	[illegible]		[illegible]		[illegible]
Oct-09	[illegible]		[illegible]		[illegible]
Nov-09	[illegible]		[illegible]		[illegible]
Dec-09	[illegible]		[illegible]		[illegible]

CSP Total Bill	CSP Gen	CSP Trans	CSP Dist	OPCo Total Bill	OPCo Gen	OPCo Trans	OPCo Dist
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CSP

Month	Demand First 3,000 Gen.	Demand First 3,000 Dist.	Demand Over 3,000 Gen.	Demand Over 3,000 Dist.	Demand CP Excess Gen.	Energy Gen.	Energy Dist.	Customer Dist.	Base Bill Gen.	Base Bill Dist.
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CSP Riders

Gross Rec. Credit Gen.	Gross Rec. Credit Dist.	USF < 833,000	USF > 833,000	Advanced Ener. Fund (EEF)	Prop. Tax Credit	Muni Inc. Tax Gen.	Muni Inc. Tax Dist.	Franchise Tax Gen.	Franchise Tax Dist.	Reg Asset Charge	POLR Charge	MF Lit. Textin.	FAR	TCRR Demand	TCRR Energy	Gen Cost Recov.	Fuel Adj. Clause	Env. Serv. Rebate	gridSMART
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CSP Rates

Month	Demand First 3,000 Gen.	Demand First 3,000 Dist.	Demand Over 3,000 Gen.	Demand Over 3,000 Dist.	Demand CP Excess Gen.	Energy Gen.	Energy Dist.	Customer Dist.
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

CSP Rider Rates

Gross Rec. Credit Gen. (% Base Gen)	Gross Rec. Credit Dist. (% Base Dist.)	USF < 833,000	USF > 833,000	Advanced Ener. Fund (EEF)	Prop. Tax Credit	Muni Inc. Tax Gen.	Muni Inc. Tax Dist.	Franchise Tax Gen.	Franchise Tax Dist.	Reg Asset Charge	POLR Charge	MF Lit. Textin.	FAR (% Base Gen)	TCRR Demand	TCRR Energy	Gen Cost Recov. (% Base Gen)	Fuel Adj. Clause	Env. Serv. Rebate (% Base Dist.)	gridSMART (% Base Dist.)
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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OPCo

Month	Demand Gen.	Demand Dist.	Energy Gen.	Energy Dist.	Customer Dist.	Base Bill Gen.	Base Bill Dist.
Jun-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPCo Riders

Gross Rec. Credit Gen.	Gross Rec. Credit Dist.	USF < 833,000	USF > 833,000	Advanced Ener. Fund (EEF)	Prop. Tax Credit	Muni Inc. Tax Gen.	Muni Inc. Tax Dist.	Franchise Tax Gen.	Franchise Tax Dist.	Reg Asset Charge	POLR Charge	TCRR Demand	TCRR Energy	Gen Cost Recov.	Fuel Adj. Clause	Env. Serv. Rebate
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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OPCo Rates

Month	Demand Gen.	Demand Dist.	Demand CP Excess Gen.	Energy Gen.	Energy Dist.	Customer Dist.
Jun-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Jul-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Aug-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Sep-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Oct-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Nov-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
Dec-09	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

OPCo Rider Rates

Gross Rec. Credit (% Base Gen)	Gross Rec. Credit (% Base Dist.)	USF < 833,000	USF > 833,000	Advanced Ener. Fund (EEF)	Prop. Tax Credit	Muni Inc. Tax Gen.	Muni Inc. Tax Dist.	Franchise Tax Gen.	Franchise Tax Dist.	Reg Asset Charge	POLR Charge	TCRR Demand	TCRR Energy	Gen Cost Recov. (% Base Gen)	Fuel Adj. Clause	Env. Serv. Rebate (% Base Dist.)
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ATTACHMENT 2

LONDON METAL EXCHANGE
THE WORLD CENTRE FOR NON-FERROUS METAL TRADING

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Primary Aluminium

Welcome to the **Primary Aluminium** hub page. In this useful section of the site you will find information relating to the LME's largest traded contract. For convenience, settlement prices, opening stocks and the forward price curve for Aluminium are detailed below. From this page you can also navigate to the Primary Aluminium contract specification, details of the Aluminium committee members, consumption and production information, and current listed brands.

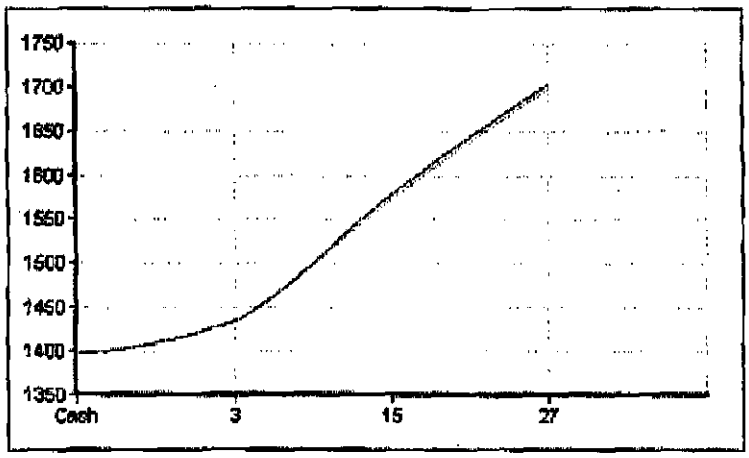
LME Official Prices (US$/tonne) for 27 Apr 2009

	ALUMINIUM
CASH BUYER	1,398.00
CASH SELLER & SETTLEMENT	1,398.50
3-MONTHS BUYER	1,434.50
3-MONTHS SELLER	1,435.00
15-MONTHS BUYER	1,573.00
15-MONTHS SELLER	1,578.00
27-MONTHS BUYER	1,698.00
27-MONTHS SELLER	1,703.00

LME Official Opening Stock (in tonnes)

DATE	ALUMINIUM
27 Apr 2009	3701325

LME Official Prices Curve



— bid price
— offer price

ATTACHMENT 3

ATTACHMENT 3

- Ormet Annual Energy Usage – 540 MW x 8,760 x 0.985 = 4,659,444 mWh
- Calculation of Indexed Rate for 2010 using April 27, 2009 LME Forward Pricing of $1,573/tonne and Schedule A, Page 1 of Application:

  $2,725 – $1,573 = $1,152

  $1,152 x 0.0490 = $56.45/mWh

  $44.24 – $56.45 = ($12.21/mWh)

- Assuming that today's LME futures prices accurately predict 2010 LME daily cash settlement prices, Ormet's proposed formula results in free electricity in 2010.
- Under AEP-Ohio Tariff Rate Ormet would have paid $206,133,802.[5]
- Total Delta Revenue of $206,133,802.

[5] 4,659,444 x $44.24 = $206,133,802

ATTACHMENT 4

Ohio Power Company
Revenue Class Average Rates (¢/kWh)

2008

Revenue Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,700,213,000	7,700,213,000	$158,943,912		$148,381,258		$289,327,271	$52,639,503	$246,216,078		$298,213,903	$615,423,677	3.94	0.82	3.24	7.99
Commercial	5,974,753,000	5,974,753,000	$130,014,358		$112,908,076		$242,924,434	$40,777,455	$120,211,968		$160,989,423	$441,913,857	4.07	0.82	2.01	6.90
Industrial	14,385,158,000	14,385,158,000	$250,007,195		$250,904,899		$500,912,094	$78,440,856	$99,021,773		$177,462,629	$678,374,723	3.54	0.55	0.69	4.78
Other	90,823,000	90,823,000	$2,856,984		$1,721,587		$4,580,571	$494,351	$5,287,248		$5,781,599	$10,362,170	5.04	0.54	5.82	11.41
Total	28,150,945,000	28,150,945,000	$539,826,389	$0	$520,967,721	$0	$1,060,794,110	$190,536,164	$474,700,021	$0	$664,236,185	$1,724,034,295	3.77	0.68	1.68	6.13

2009

Revenue Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,700,213,000	7,700,213,000	$158,943,912	$34,497,970	$148,381,258	$20,407,310	$362,232,151	$52,639,503	$246,216,903	$29,937,720	$278,857,623	$694,178,277	4.71	0.82	3.62	9.14
Commercial	5,974,753,000	5,974,753,000	$130,014,358	$31,892,374	$112,908,076	$15,869,900	$290,743,708	$40,777,455	$120,211,968	$13,532,950	$133,744,918	$465,264,045	4.87	0.82	2.24	7.93
Industrial	14,385,158,000	14,385,158,000	$250,007,195	$27,869,278	$250,904,899	$29,857,898	$547,639,268	$78,440,856	$99,021,775	$15,528,878	$115,512,653	$781,348,264	3.80	0.55	0.80	5.20
Other	90,823,000	90,823,000	$2,856,984	$721,282	$1,721,587	$243,155	$5,543,181	$494,351	$5,287,248	$358,368	$5,645,616	$11,605,144	6.08	0.54	6.22	12.78
Total	28,150,945,000	28,150,945,000	$539,826,389	$95,000,902	$520,967,721	$66,377,463	$1,226,049,108	$190,536,164	$474,700,021	$59,358,916	$533,759,709	$1,940,487,631	4.36	0.68	1.90	6.93

2010

Revenue Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,700,213,000	7,700,213,000	$185,441,493	$13,880,909	$166,990,859	$69,288,332	$434,601,593	$52,639,503	$275,567,824	$16,689,268	$292,257,091	$779,498,191	5.64	0.82	3.87	10.33
Commercial	5,974,753,000	5,974,753,000	$151,908,732	$11,233,611	$125,195,928	$44,982,700	$347,320,970	$40,777,455	$133,844,852	$11,213,063	$145,057,915	$532,496,410	5.81	0.82	2.43	9.06
Industrial	14,385,158,000	14,385,158,000	$327,606,671	$19,457,753	$280,792,597	$109,488,065	$737,345,086	$78,440,856	$175,510,832	$8,654,865	$184,165,697	$999,951,653	5.13	0.55	1.28	6.96
Other	90,823,000	90,823,000	$3,698,716	$248,215	$1,993,786	$865,816	$6,806,534	$494,351	$5,648,832	$343,210	$5,991,843	$12,798,377	7.49	0.54	6.60	14.09
Total	28,150,945,000	28,150,945,000	$668,656,611	$44,820,488	$574,973,170	$224,624,913	$1,524,074,183	$190,536,164	$590,571,340	$36,900,406	$627,471,746	$2,342,682,693	5.25	0.68	2.09	8.32

2011

Revenue Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,700,213,000	7,700,213,000	$208,122,389	$14,638,567	$226,278,872	$69,766,457	$518,806,341	$52,639,503	$287,747,221	$19,519,116	$317,266,404	$888,712,288	6.74	0.82	4.12	11.68
Commercial	5,974,753,000	5,974,753,000	$173,242,343	$13,426,014	$173,947,308	$51,917,032	$410,704,045	$40,777,455	$145,957,905	$13,009,830	$158,967,735	$569,671,780	6.87	0.82	2.66	10.35
Industrial	14,385,158,000	14,385,158,000	$297,028,228	$20,797,978	$363,280,654	$118,520,854	$799,627,713	$78,440,856	$125,485,515	$17,138,762	$142,624,278	$1,020,692,846	5.77	0.55	0.99	7.10
Other	90,823,000	90,823,000	$3,698,431	$258,898	$2,648,153	$735,058	$7,340,540	$494,351	$5,987,843	$442,369	$6,430,192	$14,269,185	8.07	0.54	7.08	15.69
Total	28,150,945,000	28,150,945,000	$682,092,384	$47,824,157	$765,028,789	$237,939,244	$1,736,484,581	$190,536,164	$574,192,484	$51,109,847	$625,302,401	$2,578,319,148	6.16	0.68	2.22	9.16

Ohio Power Company
Tariff Class Average Rates (¢/kWh)

2008

Tariff Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed @ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,685,115,416	7,685,115,416	$158,080,348		$144,098,350		$302,178,698	$82,527,105	$247,314,275		$247,314,275	$612,338,635	3.93	0.82	3.22	7.97
GS-1	379,843,449	379,843,819	$10,969,406		$7,237,143		$18,206,549	$3,558,796	$14,339,254		$14,332,254	$36,527,001	4.80	0.97	3.78	9.38
GS-2	3,606,603,595	3,606,603,595	$93,010,930		$88,070,353		$181,081,286	$34,824,926	$74,582,841		$74,582,841	$290,488,024	4.48	0.94	2.07	7.47
GS-3	6,832,801,101	6,832,801,101	$114,113,387		$123,140,498		$237,253,784	$46,275,502	$96,794,418		$96,794,418	$380,323,714	3.58	0.70	1.40	5.73
GS-4/IRP-D	7,839,318,329	7,839,318,329	$170,031,923		$138,747,201		$308,778,154	$35,170,329	$24,935,059		$24,935,066	$368,884,579	3.22	0.45	0.33	4.00
OL	59,891,895	59,891,895	$2,595,287		$1,138,645		$3,733,932	$235,893	$5,581,834		$5,581,834	$9,551,159	6.23	0.39	9.34	15.95
SL	70,485,280	70,485,280	$2,370,675		$1,339,867		$3,710,541	$276,926	$4,727,875		$4,727,875	$8,715,127	5.27	0.39	6.71	12.37
EHG	25,343,233	25,343,233	$340,065		$481,782		$821,842	$179,956	$688,089		$688,089	$1,689,890	3.24	0.71	2.72	6.67
EHS	472,787	472,787	-$2,118		$9,288		$6,870	$2,965	$4,758		$4,758	$14,610	1.45	0.63	1.01	3.09
SS	55,650,240	55,650,240	$1,157,560		$1,057,909		$2,215,469	$341,430	$1,191,146		$1,191,146	$3,758,070	3.98	0.63	2.14	6.75
SBS	1,199,162	1,199,162	$73,878		$21,452		$95,330	$32,174	$53,190		$53,190	$180,794	7.95	2.68	4.44	15.08
CSP/OP Joint Service Territory	1,992,740,023	1,992,740,023	$50,066,848		$35,647,726		$85,712,573	$8,170,251	$4,474,579		$4,474,579	$98,357,403	4.30	0.41	0.22	4.94
Total	28,150,845,000	28,150,845,000	$639,828,399	$0	$550,967,721	$0	$1,190,796,120	$160,538,984	$474,700,921	$0	$474,700,921	$1,726,034,004	4.23	0.57	1.69	6.13

2009

Tariff Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed @ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,625,115,416	7,685,115,416	$158,080,345	$38,285,732	$146,998,350	$20,520,906	$361,826,293	$82,527,105	$247,314,275	$29,534,484	$276,848,760	$720,706,167	4.78	1.12	3.60	9.12
GS-1	379,843,819	379,843,819	$10,988,406	$2,696,402	$7,217,143	$1,018,062	$21,918,963	$3,558,790	$14,339,254	$1,593,534	$15,932,788	$41,082,340	5.77	0.78	4.20	10.82
GS-2	3,606,603,595	3,606,503,595	$93,010,893	$22,816,093	$68,070,553	$9,434,954	$193,332,413	$34,024,926	$74,582,841	$8,991,155	$83,573,996	$310,930,295	5.36	0.94	2.32	8.62
GS-3	6,832,801,101	6,832,801,101	$114,113,387	$27,091,453	$123,140,496	$16,895,597	$281,240,843	$46,278,502	$96,794,430	$11,164,286	$107,958,705	$436,078,050	4.25	0.70	1.63	6.37
GS-4/IRP-D	7,839,318,329	7,839,318,329	$190,037,923	$36,746,935	$130,797,281	$24,556,181	$387,082,320	$35,170,329	$24,935,069	$5,570,997	$30,506,063	$352,758,712	3.79	0.45	0.40	4.62
OL	59,891,995	59,891,895	$2,596,287	$636,605	$1,135,565	$166,263	$4,532,721	$235,893	$5,581,834	$290,201	$5,871,936	$10,839,340	7.59	0.39	9.80	17.36
SL	70,485,280	70,485,280	$2,370,875	$581,358	$1,339,547	$188,576	$4,480,709	$278,906	$4,727,875	$293,042	$5,020,932	$9,779,205	6.36	0.39	7.13	13.88
EHG	25,343,233	25,343,233	$340,058	$83,416	$461,792	$87,824	$973,085	$179,960	$688,089	$74,696	$762,785	$1,915,834	3.84	0.71	3.01	7.56
EHS	472,787	472,787	-$2,178	-$538	$8,565	$1,265	$7,815	$2,965	$4,755	$1,074	$5,829	$14,429	1.61	0.63	1.23	3.47
SS	55,650,240	55,650,240	$1,157,561	$283,844	$1,067,928	$148,961	$2,658,384	$351,438	$1,191,148	$153,149	$1,344,296	$4,344,296	4.78	0.63	2.42	7.81
SBS	1,199,182	1,199,162	$73,878	$18,147	$20,452	$2,265	$115,342	$32,174	$55,190	$3,720	$58,970	$204,585	9.66	2.68	4.75	17.09
CSP/OP Joint Service Territory	1,992,740,023	1,992,740,023	$50,065,846	-$27,455,354	$35,647,728	$3,763,860	$68,021,907	$8,170,251	$4,474,578	$1,255,558	$5,832,132	$82,023,290	3.41	0.41	0.28	4.12
Total	28,150,845,000	28,150,845,000	$630,828,399	$26,860,502	$520,987,721	$56,614,446	$1,228,069,105	$160,538,984	$474,700,921	$59,156,829	$536,525,759	$1,850,487,831	4.38	0.85	1.90	6.83

2010

Tariff Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed @ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,685,115,416	7,685,115,416	$184,395,017	$18,006,821	$150,663,256	$88,474,918	$432,808,013	$82,527,105	$276,848,760	$18,783,130	$295,631,890	$781,267,920	5.63	1.07	3.85	10.30
GS-1	379,843,819	379,843,819	$15,083,506	$897,887	$8,235,146	$2,673,790	$25,748,810	$2,668,709	$16,179,780	$1,143,231	$17,320,019	$46,097,425	6.78	0.79	4.56	12.13
GS-2	3,606,503,595	3,606,503,595	$115,025,896	$6,107,813	$77,505,517	$27,108,992	$228,544,217	$34,024,320	$86,873,899	$3,560,403	$90,127,480	$362,660,533	6.33	0.94	2.50	9.77
GS-3	6,832,801,101	6,832,801,101	$142,106,648	$8,847,380	$138,638,003	$49,733,293	$340,821,436	$46,278,502	$107,958,705	$11,066,339	$118,925,044	$506,138,021	5.14	0.70	1.79	7.63
GS-4/IRP-D	7,839,318,329	7,839,318,329	$134,730,918	$8,504,364	$351,315,842	$56,451,820	$551,048,573	$35,170,329	$30,506,063	$1,803,930	$32,310,993	$618,530,284	4.80	0.45	0.42	5.48
OL	59,891,995	59,891,895	$3,231,979	$229,231	$3,296,846	$459,364	$8,210,316	$235,893	$5,871,936	$284,948	$6,156,763	$14,602,792	6.70	0.39	10.28	18.37
SL	70,485,250	70,485,280	$2,903,543	$200,879	$1,528,148	$533,401	$5,222,780	$278,605	$5,021,532	$297,180	$5,318,772	$10,818,485	7.41	0.39	7.55	15.35
EHG	25,343,233	25,343,233	$423,452	$27,843	$549,606	$181,841	$1,184,575	$179,960	$762,785	$44,297	$807,083	$2,181,616	4.71	0.71	3.15	8.61
EHS	472,787	472,787	-$2,838	-$185	$10,293	$3,570	$11,810	$2,055	$5,423	$350	$6,159	$20,053	2.53	0.63	1.30	4.25
SS	55,650,240	55,650,240	$2,441,505	$150,605	$2,206,850	$421,259	$5,178,525	$351,438	$1,344,295	$84,284	$1,430,580	$6,959,545	6.70	0.63	2.57	9.90
SBS	1,199,162	1,199,162	$82,135	$8,448	$23,718	$6,642	$120,932	$32,174	$58,970	$3,141	$59,121	$223,127	10.61	2.68	5.01	18.56
CSP/OP Joint Service Territory	1,992,740,023	1,992,740,023	$28,610,492	$2,803,734	$38,411,615	$14,199,308	$84,210,327	$8,170,251	$5,831,132	$307,469	$6,138,822	$98,683,209	4.23	0.41	0.31	4.95
Total	28,150,845,000	28,150,845,000	$538,508,501	$84,866,483	$587,592,207	$267,445,589	$1,478,228,160	$160,538,684	$531,850,769	$43,432,736	$574,252,954	$2,243,080,885	5.25	0.57	2.04	7.97

2011

Tariff Class	Forecasted kWh G & T	Forecasted kWh Distribution	Billed @ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	D Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,685,115,416	7,685,115,416	$287,071,680	$14,568,018	$224,837,274	$88,624,571	$615,091,521	$82,527,105	$295,631,890	$19,387,500	$315,019,390	$987,846,058	8.09	1.07	4.10	13.20
GS-1	379,843,519	379,843,819	$14,641,674	$1,024,917	$13,108,935	$3,299,298	$30,064,773	$2,668,709	$17,320,018	$1,336,330	$18,656,358	$51,709,930	7.82	0.79	4.91	13.52
GS-2	3,606,503,595	3,606,503,595	$123,533,730	$8,675,260	$104,615,500	$31,042,342	$258,281,829	$34,024,626	$90,127,480	$8,346,643	$98,405,131	$400,754,877	7.43	0.94	2.73	11.11
GS-3	6,832,801,101	6,832,801,101	$162,062,179	$10,043,953	$185,369,296	$58,155,081	$407,721,109	$46,278,502	$118,925,044	$13,847,626	$132,772,670	$586,772,481	6.18	0.78	2.60	9.05
GS-4/IRP-D	7,839,318,329	7,839,318,329	$148,231,303	$10,109,891	$205,167,270	$62,301,385	$423,578,849	$35,170,329	$32,301,053	$4,869,063	$36,180,446	$495,930,624	5.55	0.45	0.50	6.50
OL	59,891,995	59,891,995	$3,458,104	$242,087	$1,350,212	$518,272	$5,977,605	$235,893	$6,156,763	$335,406	$6,492,591	$12,699,086	9.97	0.39	10.84	21.20
SL	70,485,250	70,485,280	$3,159,542	$221,147	$2,066,547	$510,665	$5,982,921	$278,305	$5,318,772	$364,644	$5,673,318	$12,003,681	8.50	0.39	8.05	17.03
EHG	25,343,233	25,343,233	$453,626	$31,719	$741,847	$219,706	$1,440,000	$179,960	$807,083	$50,694	$858,776	$2,482,735	5.71	0.71	3.42	9.84
EHS	472,787	472,787	-$2,822	-$195	$13,612	$4,066	$14,911	$2,955	$6,159	$535	$6,742	$24,838	3.55	0.63	1.43	5.31
SS	55,650,240	55,650,240	$1,582,470	$107,989	$2,623,115	$443,649	$3,759,542	$351,438	$1,425,540	$117,802	$1,545,582	$5,657,905	6.78	0.63	2.78	10.17
SBS	1,199,162	1,199,162	$98,570	$8,630	$32,255	$7,752	$147,515	$32,174	$52,121	$3,980	$64,119	$243,843	12.30	2.68	5.35	20.33
CSP/OP Joint Service Territory	1,992,740,023	1,992,740,023	$30,613,226	$2,182,828	$53,578,102	$18,258,576	$102,818,827	$8,170,251	$6,196,622	$1,418,082	$7,613,684	$118,602,792	5.15	0.41	0.28	5.94
Total	28,150,845,000	28,150,845,000	$583,272,394	$47,424,187	$795,028,798	$327,578,244	$1,753,831,581	$160,538,924	$574,252,954	$51,059,447	$625,340,461	$2,579,519,966	6.23	0.57	2.22	9.16

Columbus Southern Power Company
Revenue Class Average Rates ($/kWh)

Bell No. 19-1, Attachment 1
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2008

Revenue Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	G Increase	Total Distribution	Total G, T, & D	Average Cost ($/kWh) Generation	Transmission	Distribution	Total
Residential	7,725,579,000	7,725,579,000	$148,150,259		$328,552,778		$357,700,037	$75,202,746	$303,183,113		$303,183,113	$736,086,896	4.63	0.97	3.92	9.53
Commercial	9,020,985,904	9,160,989,900	$234,346,300		$245,120,787		$489,617,047	$72,299,802	$108,885,843		$108,885,843	$711,802,692	5.43	0.80	1.85	7.85
Industrial	5,747,301,056	5,753,607,000	$95,982,825		$148,877,814		$244,860,638	$33,300,925	$48,862,024		$48,862,024	$326,122,584	4.26	0.58	0.84	5.68
Other	54,981,000	54,981,000	$920,808		$1,484,214		$2,304,928	$296,429	$3,303,510		$3,303,510	$5,904,788	4.19	0.54	6.01	10.90
Total	22,549,026,960	22,714,199,900	$479,200,993	$0	$904,008,848	$0	$1,094,236,615	$183,190,902	$523,604,290	$0	$523,604,290	$1,778,932,757	4.78	0.80	2.30	7.87

2009

Revenue Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	G Increase	Total Distribution	Total G, T, & D	Average Cost ($/kWh) Generation	Transmission	Distribution	Total
Residential	7,725,579,000	7,725,579,000	$148,150,259	$13,397,244	$328,552,778	$68,278,652	$429,371,233	$75,202,746	$303,183,113	$40,722,479	$343,905,592	$848,459,571	5.56	0.97	4.45	10.98
Commercial	9,020,985,904	9,160,989,900	$234,346,300	$20,158,539	$245,120,787	$92,553,558	$592,302,245	$72,299,802	$108,885,843	$22,944,443	$102,809,186	$867,209,233	6.72	0.80	2.10	9.62
Industrial	5,747,301,056	5,753,607,000	$95,982,825	-$16,065,275	$148,877,814	$88,583,458	$225,396,828	$33,300,925	$48,862,024	$9,104,207	$58,966,231	$318,731,982	4.44	0.58	0.87	5.90
Other	54,981,000	54,981,000	$920,808	$73,710	$1,484,214	$434,708	$2,793,235	$296,429	$3,303,510	$210,126	$3,623,636	$6,713,300	5.08	0.54	6.61	12.23
Total	22,549,026,960	22,715,118,000	$479,200,993	$17,587,218	$904,008,848	$147,849,877	$1,233,862,540	$181,100,902	$523,104,290	$72,981,324	$508,905,644	$2,017,121,086	5.50	0.80	2.62	8.91

2010

Revenue Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	G Increase	Total Distribution	Total G, T, & D	Average Cost ($/kWh) Generation	Transmission	Distribution	Total
Residential	7,725,579,000	7,725,579,000	$148,150,259	$8,578,425	$328,552,778	$85,482,650	$519,764,048	$75,202,746	$343,685,592	$31,334,746	$387,210,381	$982,182,615	6.73	0.97	4.73	12.43
Commercial	9,020,985,904	9,160,989,900	$234,346,300	$7,334,958	$245,120,787	$160,482,407	$646,819,580	$72,299,802	$162,610,186	$14,738,278	$237,348,466	$956,768,353	7.17	0.80	2.59	10.56
Industrial	5,747,301,056	5,753,607,000	$95,982,825	$2,367,528	$148,877,814	$81,029,520	$311,757,873	$33,300,925	$58,888,233	$4,059,878	$80,025,908	$412,218,706	5.65	0.58	1.04	7.17
Other	54,981,000	54,981,000	$920,808	$28,910	$1,484,214	$608,425	$3,128,450	$296,429	$3,833,636	$189,684	$3,832,310	$7,257,236	5.24	0.54	6.97	13.75
Total	22,549,026,960	22,715,118,000	$479,200,993	$18,635,718	$904,008,848	$247,602,841	$1,502,060,841	$181,100,902	$568,016,644	$50,318,585	$708,415,569	$2,318,668,912	6.66	0.80	2.50	10.27

2011

Revenue Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed G Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	G Increase	Total Distribution	Total G, T, & D	Average Cost ($/kWh) Generation	Transmission	Distribution	Total
Residential	7,725,579,000	7,725,579,000	$167,423,018	$8,022,715	$352,215,786	$84,940,808	$612,603,314	$75,202,746	$365,210,381	$26,646,181	$367,156,702	$1,054,462,931	8.01	0.97	5.05	14.08
Commercial	9,020,985,904	9,160,989,900	$251,930,877	$7,884,588	$408,258,713	$110,863,028	$778,937,197	$72,299,802	$207,348,996	$22,845,719	$230,332,872	$1,081,149,076	8.63	0.80	2.51	11.94
Industrial	5,747,301,056	5,753,607,000	$102,335,073	$2,429,453	$336,477,600	$87,349,724	$388,609,049	$33,300,925	$90,925,906	$9,461,012	$89,487,920	$491,478,894	6.76	0.58	1.27	8.58
Other	54,981,000	54,981,000	$921,148	$27,834	$1,537,243	$671,408	$4,127,525	$296,429	$3,832,310	$282,330	$7,064,842	$11,518,802	7.51	0.54	7.55	15.48
Total	22,549,026,960	22,715,118,000	$522,609,026	$18,374,791	$898,587,835	$273,824,963	$1,790,307,484	$181,100,902	$668,418,593	$59,235,241	$698,057,316	$2,637,541,597	7.94	0.80	3.08	11.81

Columbus Southern Power Company
Tariff Class Average Rates (¢/kWh)

Staff Ex. 10-1 Attachment 1
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2008

Tariff Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed $ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	O Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,713,785,528	7,713,785,528	$148,816,343		$[illegible]		$357,150,095	$75,158,340	$301,863,370		$332,863,370	$733,992,305	4.63	0.97	3.90	9.51
GS-1	378,210,188	378,210,287	$10,719,277		$10,247,580		$20,966,860	$3,800,521	$13,875,815		$13,875,815	$38,543,206	7.11	1.00	3.60	11.74
GS-2	1,870,487,061	1,870,487,074	$77,065,936		$52,468,286		$129,661,821	$19,214,911	$47,728,155		$47,728,155	$196,604,887	6.93	1.03	2.55	10.51
GS-3	7,567,839,584	7,567,838,151	$159,875,127		$304,377,056		$464,262,183	$64,281,972	$127,193,545		$127,193,545	$655,737,700	6.13	0.77	1.68	8.58
GS-4/RTP-D	2,927,770,289	2,927,772,289	$30,902,727		$75,010,336		$105,913,063	$16,905,243	$14,880,859		$14,880,859	$137,698,165	3.62	0.58	0.51	4.70
AL	58,431,698	58,431,698	$7,673,783		$1,529,378		$9,197,160	$208,772	$8,872,410		$8,872,410	$18,278,342	5.49	0.37	15.18	18.25
SL	40,738,109	40,738,019	$420,888		$1,009,743		$1,570,631	$148,575	$3,054,458		$3,054,458	$4,754,634	3.90	0.37	7.50	11.77
CSPOP Joint Service Territory	1,992,748,477	1,992,748,477	$34,858,429		$61,084,497		$95,713,928	$8,805,458	$7,935,678		$7,935,678	$112,455,062	4.80	0.44	0.40	5.14
Total	22,549,028,980	22,715,119,000	$470,299,889	$0	$504,026,559	$0	$1,074,325,548	$187,180,002	$523,104,290	$0	$523,104,290	$1,784,613,797	4.76	0.83	2.30	7.87

2009

Tariff Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed $ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	O Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,713,785,528	7,733,785,528	$148,918,383	$13,878,147	$298,234,882	$50,142,074	$428,308,386	$75,158,750	$303,883,370	$42,938,184	$342,281,554	$845,748,690	5.58	0.97	4.44	10.97
GS-1	378,210,188	378,210,287	$10,719,277	$1,501,760	$10,247,580	$2,863,340	$24,331,866	$3,800,521	$13,875,815	$1,775,842	$15,651,657	$43,874,044	6.29	1.00	4.07	12.38
GS-2	1,870,487,061	1,870,487,074	$77,065,936	$8,022,149	$52,468,286	$14,661,537	$152,155,907	$19,214,911	$47,728,155	$8,417,272	$56,145,429	$234,516,244	8.07	1.03	2.78	11.88
GS-3	7,567,839,584	7,567,838,151	$159,875,127	$14,389,878	$304,377,056	$52,822,929	$461,264,987	$64,281,972	$127,193,545	$17,349,154	$144,542,699	$670,089,658	6.10	0.77	1.92	8.85
GS-4/RTP-D	2,927,770,289	2,927,770,289	$30,902,727	$2,775,931	$75,010,336	$41,296,439	$119,974,203	$16,905,243	$14,880,859	$3,318,122	$18,199,981	$154,179,417	4.10	0.58	0.62	5.27
AL	58,431,698	58,431,698	$7,673,783	$141,381	$1,529,378	$429,841	$9,774,133	$208,772	$8,872,410	$484,919	$9,357,329	$19,340,234	6.48	0.37	15.97	16.84
SL	40,738,109	40,738,019	$420,888	$44,072	$1,009,743	$307,375	$1,841,748	$148,575	$3,054,458	$178,588	$3,233,046	$5,221,370	4.57	0.37	7.93	13.00
CSPOP Joint Service Territory	1,992,748,477	1,992,748,477	$34,858,429	-$1,673,578	$61,084,497	$7,681,291	$71,821,602	$8,805,458	$7,935,678	$2,341,264	$10,276,942	$91,103,963	3.60	0.44	0.52	4.57
Total	22,549,028,980	22,715,119,000	$470,299,889	$17,567,321	$804,026,559	$147,339,877	$1,239,232,343	$187,180,002	$523,104,290	$72,281,305	$595,385,595	$2,017,137,940	5.50	0.83	2.62	8.95

2010

Tariff Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed $ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	O Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,713,785,528	7,713,785,528	$162,298,530	$9,380,748	$298,416,758	$85,301,833	$518,938,864	$75,158,750	$342,281,554	$21,228,004	$363,490,558	$957,587,972	6.73	0.97	4.71	12.41
GS-1	378,210,188	378,210,188	$10,221,067	$548,832	$18,118,829	$4,259,799	$33,078,322	$3,800,521	$15,451,857	$1,103,548	$16,615,265	$53,493,867	8.51	1.00	4.39	14.92
GS-2	1,870,487,061	1,870,487,061	$83,965,794	$2,519,574	$87,050,721	$21,916,833	$175,072,904	$19,214,911	$54,149,429	$3,080,538	$57,159,715	$250,447,510	9.36	1.03	3.05	13.44
GS-3	7,567,839,584	7,567,838,524	$174,344,703	$5,230,344	$257,009,985	$83,786,181	$520,365,420	$64,281,972	$144,542,699	$12,747,008	$157,189,707	$737,817,099	6.88	0.77	2.08	9.72
GS-4/RTP-D	2,927,770,289	2,927,770,289	$33,878,928	$1,010,358	$96,205,765	$30,748,878	$151,735,927	$16,905,243	$14,709,891	$865,058	$15,573,139	$168,213,309	5.18	0.58	0.53	6.34
AL	58,431,698	58,431,698	$1,715,114	$61,483	$1,849,019	$624,478	$4,249,094	$208,772	$7,377,322	$408,743	$7,787,072	$12,244,938	7.28	0.37	13.80	20.96
SL	40,738,109	40,738,019	$534,723	$18,642	$1,487,018	$459,818	$2,499,806	$148,575	$3,238,045	$188,308	$3,426,353	$6,074,737	6.14	0.37	8.41	14.92
CSPOP Joint Service Territory	1,992,748,477	1,992,748,477	$13,088,854	$300,575	$63,726,738	$20,028,787	$97,143,954	$8,805,458	$13,078,612	$566,588	$13,645,518	$119,594,930	4.87	0.44	0.68	6.07
Total	22,549,028,980	22,549,028,980	$467,387,710	$14,828,718	$818,975,233	$247,892,391	$1,502,080,644	$187,180,002	$560,025,845	$40,318,828	$600,344,673	$2,189,606,316	6.66	0.83	2.66	10.15

2011

Tariff Class	Forecasted MWh G & T	Forecasted MWh Distribution	Billed $ Revenue Non-FAC	Non-FAC Increase	FAC	FAC Increase	Total Generation	Transmission	Distribution	O Increase	Total Distribution	Total G, T, & D	Average Cost (¢/kWh) Generation	Transmission	Distribution	Total
Residential	7,713,785,528	7,713,785,528	$167,730,225	$5,014,859	$351,778,103	$94,197,014	$618,159,497	$75,158,750	$363,490,585	$26,833,344	$390,322,791	$1,083,631,038	8.01	0.97	5.06	14.05
GS-1	378,210,188	378,210,188	$10,997,098	$549,031	$17,331,832	$4,624,598	$41,277,661	$3,800,521	$16,615,265	$1,119,344	$17,734,609	$62,812,791	10.89	1.00	4.69	16.58
GS-2	1,870,487,061	1,870,487,061	$89,905,958	$2,594,151	$88,588,848	$23,743,001	$201,410,786	$19,214,911	$57,198,185	$6,009,583	$63,232,505	$283,858,204	10.77	1.03	3.38	15.18
GS-3	7,567,839,584	7,567,838,524	$179,575,043	$5,387,251	$340,700,377	$92,483,262	$618,204,923	$64,281,972	$157,198,707	$13,320,323	$170,519,030	$852,985,924	8.17	0.77	2.25	11.27
GS-4/RTP-D	2,927,770,289	2,927,770,289	$34,888,934	$1,046,667	$113,344,763	$33,990,868	$183,268,113	$16,905,243	$18,878,039	$3,784,555	$22,662,594	$222,835,950	6.26	0.58	0.60	7.71
AL	58,431,698	58,431,698	$1,766,567	$52,897	$2,573,487	$869,118	$5,062,175	$208,772	$7,183,071	$438,008	$7,282,140	$13,553,088	8.61	0.37	14.88	24.06
SL	40,738,109	40,738,109	$550,773	$16,525	$1,857,838	$467,480	$2,892,613	$148,575	$3,105,538	$218,840	$3,815,193	$6,847,380	7.37	0.37	8.87	16.62
CSPOP Joint Service Territory	1,992,748,477	1,992,748,477	$13,478,429	$404,353	$79,684,533	$23,095,138	$116,642,425	$8,805,458	$11,085,811	$2,500,884	$13,673,195	$138,620,848	5.85	0.44	0.68	6.96
Total	22,549,028,980	22,549,028,980	$502,499,020	$15,074,791	$1,095,857,815	$273,240,053	$1,790,367,488	$187,180,002	$636,415,570	$54,208,841	$690,624,411	$2,567,612,901	7.94	0.83	3.06	11.39

ATTACHMENT 5

INT-7. Referring to page 4, paragraph 6 of the Application and the statement "Ormet supports large legacy costs": please:

a. identify all the "large legacy costs ";

b. provide a description of each cost; and

c. and the amount of each cost.

RESPONSE: a. Please see table below.

b. Please see table below.

c. Please see table below.

Ormet Corporation
Legacy Costs
($ in thousands)

Below are the Ormet legacy costs which included defined benefit pension, retiree healthcare provided through Voluntary Employee Beneficiary Association ("VEBA") and environmental superfund liability. As of December 31, 2008, Ormet's liability for these costs totaled $289 million. Cash cost over the next five years is estimated at $241 million

	As Of 12/31/2008
Pensions	
Under Funded Status	$ 220,841
	As Of 12/31/2008
VEBA	
Liability	$ 64,988
	As Of 12/31/2008
Environmental Liability	
CERCLA Site - Hannibal Ohio	$ 3,134

Prepared by: Tommy Temple, Vice President Alumina and Engineering Dated: 4/3/09

APR-28-2009 TUE 03:54 PM BOEHM KURTZ & LOWRY FAX NO. 5134212764 P. 31