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IDAHO PUBLIC
UTILITIES COMMISSION

LISA D. NORDSTROM
Senior Attorney

September 5, 2008

VIA HAND DELIVERY

Don Howell, Deputy Attorney General
Lynn Anderson, Policy Strategist
Idaho Public Utilities Commission
472 West Washington Street
P.O. Box 83720
Boise, Idaho 83720-0074

Re: Case No. IPC-E-08-11
*In the Matter of the Appropriate Disposition of Idaho Power Company's
SO2 Emission Proceeds to Fund an Energy Education Proposal*

Dear Don and Lynn:

Enclosed are Idaho Power's responses to your informal data requests in the above matter.

If you have any questions regarding any of the enclosed documents, please do not hesitate to contact me.

Very truly yours,

Lisa D. Nordstrom

LDN:csb
Enclosures
cc: Barton L. Kline - w/o encls.

REQUEST NO. 1:

Please provide copies of the following resources listed in Idaho Power's 2007/2008 Educational Resource Guide. List schools or school districts that have obtained these resources and indicate how many of each resource were provided to each school or district. Also, provide the costs and any evaluation of the effectiveness of these resources and feedback from schools regarding them, both positive and negative. And rank the listed resources according to the interest in them expressed by schools.

Presentations: (provide syllabus and written or electronic material presented)

3rd Grade "Saving a World Full of Energy"

4th Grade "At the Speed of Light: Electricity's Journey from Generator to Motor"

6th Grade "Sources of Electricity"

Brochures:

"Electricity from Water, Wind and Sunlight"

"Energy and Your Environment"

"Pigopolis"

"How to Save Energy"

"Practical Ways to Manage Your Electricity"

Videos:

"Current Events"

"Pigopolis"

"The Energy Savers"

"Becoming Energy Wise"

RESPONSE TO REQUEST NO. 1:

The principals of every primary and secondary school in Idaho Power's service territory – as well as the superintendents and curriculum coordinators/directors of every school district – will receive a packet of information that will include copies of the Educational Resource Guide, the *30 Simple Things You Can Do to Save Energy* booklet, and the *Simple Ways to Save Energy: Mini Home Audit*.

The costs of the brochures, videos, and presentations were not readily available in time to respond to this information request. The cost information for the *30 Simple Things You Can Do to Save Energy* booklet and *Simple Ways to Save Energy: Mini Home Audit* is included in response to question 9.

In 2006 Idaho Power surveyed 52 educators. In that survey, attached hereto in Attachment No. 1, 90% of the teachers "strongly agreed" our material matched up well with the State of Idaho/District curriculum. Additionally, 100% of the teachers surveyed "strongly agreed" the

Idaho Power presentations were a valuable addition to their classrooms. In general, Idaho Power has received favorable comments from teachers and administrators about its school programs. Community Education Representatives ("CERs") have also received numerous "thank-you" letters, notes, and cards from teachers, students, and parents expressing their appreciation for providing these presentations.

Idaho Power's educational presentations are briefly described below and were made at the requesting schools identified on the enclosed list, Attachment No. 1.

- i. "Saving a World Full of Energy" for 3rd grade: Describes the nature and role of many types of energy; explains where energy comes from and how it is used; emphasizes certain types of energy are not renewable and warns about the dangers of wasting energy.
- ii. "At the Speed of Light: Electricity's Journey from Generator to Meter" for 4th grade through adult: Describes the process of how electricity is generated, transmitted, distributed, and measured for our customer's electrical needs.
- iii. "Sources of Electricity" for 6th grade: Generation, transmission, and distribution of electricity, as well as energy conservation and the relationship between electricity and our environment. Student interaction and multimedia.
- iv. "Simple Ways to Save Energy" for 4th grade through adult: By making simple changes in the way we use energy, we can help conserve our natural resources and create a reliable, responsible energy future. This interactive presentation shows *why* energy efficiency matters and includes energy saving tips, a family home energy audit and other tools to learn *how* to use energy wisely. Includes suggestions for energy efficiency related supplemental math and science activities.

Attachment No. 1 is a CD which contains the electronic materials used in presentations by Idaho Power's Community Education Representatives ("CERs").

Idaho Power has five CERs throughout its service territory. The interest in the Company's education resources varies by area and is not tracked as such. Of the presentations given from January 2008 to present, the percentages related to presentation types are 58% on Safety, 37% on Generation/Conservation/Environment, and 6% on other information.

The Brochures related to energy and energy efficiency are listed below and copies of these brochures are included in the envelope labeled as Attachment No. 2.

Brochures:

“Electricity from Water, Wind and Sunlight”
“Energy and Your Environment”
“Pigopolis”
“My Book about Saving Energy”
“It’s a Wired World”
“Generating Electricity”
“Where the Light Bulb Gets its Juice”
“About Energy”

The videos used by the CERs are listed below. These videos are copyrighted and cannot be duplicated. Idaho Power has a limited number of copies of these videos. Copies of these videos have been obtained from the Company’s loan library and are available for review by Commissioners or Commission Staff at the Company’s headquarters. Please contact Dave Thornton or Pete Pengilly at 388-5691 or 388-2281 to schedule a time to view these videos.

Videos:

“Pigopolis”
“The Energy Savers”
“Becoming Energy Wise”

Prepared by Market Segment Coordinator, Dave Thornton, and Community Education Representatives.

REQUEST NO. 2:

In general, were the above resources requested by individual schools or by school districts?

RESPONSE TO REQUEST NO. 2:

These materials, like all others in Idaho Power's Loan Library, are generally requested and used by individual schools.

Prepared by Market Segment Coordinator Dave Thornton, and Community Education Representatives.

REQUEST NO. 3:

Provide Idaho Power's 2008/2009 Educational Resource Guide when it becomes available and provide copies of any new resources listed in it that focus on energy efficiency. Please describe Idaho Power's distribution plan for this Guide.

RESPONSE TO REQUEST NO. 3:

Hard copies of the 2008/2009 Educational Resource Guide are now available and are also available on Idaho Power's website. A paper copy is included in Attachment No. 2 and the URL is: www.idahopower.com/aboutus/community/publiceducation. The newest, and perhaps most significant, resource specifically focusing on energy efficiency is a new program entitled, "Simple Ways to Save Energy" – previously provided to the Commission Staff for review.

In terms of plans for distributing the Educational Resource Guide, each Community Education Representative will deliver one copy to every principal and classroom teacher in every public and private school in Idaho Power's service territory. The majority of these are hand-delivered. Additionally, the superintendents and curriculum coordinators/directors of every school district will receive one copy each – typically via U.S. mail.

Prepared by Market Segment Coordinator, Dave Thornton, and Community Education Representatives.

REQUEST NO. 4:

List all school building energy efficiency audits conducted by Idaho Power and, separately, those that were incented by an Idaho Power payment. Indicate the costs and which, if any, of these audits included participation by students of the school. Indicate the types of measures eventually undertaken, the costs, the expected energy savings, and the expected cost-effectiveness.

RESPONSE TO REQUEST NO. 4:

Idaho Power does not offer technical audits for schools. The Company does however offer general walk through energy assessments. This typically includes a discussion with facilities personnel and/or school administrators and if requested students may be involved. Items of discussion include operating hours, age of building or equipment, problems, and opportunities. The labor costs of these walk through assessments are paid for as part of Idaho Power's general customer service and general business expense. There are no direct energy savings or expected cost-effectiveness associated with these assessments.

In the last two years the following schools have been visited by an Idaho Power Customer Representative:

- Grace Lutheran School & Holy Spirit Catholic School - Pocatello (Students involved)
- Community School - Sun Valley (Seventh Grade science class involved)
- Boise School District
- Timberline High School – Two students' Senior Project
- Vallivue School District
- Pleasant Valley School District
- Caldwell School District
- Magic Valley Christian School – Jerome
- Buhl High School
- Gooding High School
- School for the Deaf & Blind -Gooding
- Homedale School District:
 - Two schools had walk through assessments with energy sub metering to understand percentage of overall use for selected end users.

For larger schools, scoping audits are available through the Custom Efficiency Program which give a high level indication of where the largest potential for energy efficiency improvements lies. This is typically offered to larger customers (500 kW and larger) at no cost to the customer. To date no schools have requested scoping audits.

Prepared by Market Segment Coordinator, Jim Jauregui.

REQUEST NO. 5:

Provide a summary of total and individual participation in any other Idaho Power commercial energy efficiency incentive program by schools for 2005, 2006, 2007 and 2008 to date. Indicate the types of measures undertaken, the costs, the expected energy savings, and the expected cost-effectiveness.

RESPONSE TO REQUEST NO. 5:

The two commercial Idaho Power energy efficiency programs that have provided incentives to schools for energy efficiency projects in Idaho are Easy Upgrades and Building Efficiency. All of these projects occurred in 2005, 2007, and 2008. Idaho Power electronically tracks the costs and energy savings from these programs at the project level. A project may have several sets of measures. Attachment No. 3 includes, by program, all of the costs elements, energy savings, cost effective limits, and cost-effectiveness ratios. Because Idaho Power does not track Company administrative costs by project, the utility costs included here have estimated administrative costs based on average administrative costs per project by year. The types of measures undertaken in these projects are displayed in Attachment No. 4. This attachment includes a ranked list the measures utilized by program showing which measures are utilized most often.

Prepared by Customer Research & Analysis Leader, Pete Pengilly.

REQUEST NO. 6:

Provide the FTE number and total cost of Idaho Power's Community Education Representatives in 2007 and an estimate of the percentage of that cost that was spent on energy efficiency education.

RESPONSE TO REQUEST NO. 6:

Idaho Power has five employees that are CERs. These individuals cover the entire service area of the Company and are based out of our five regional operation centers. The total CERs' labor and expenses for 2007 was \$412,000 dollars. The CERs spent about 10% of their overall time educating our community about energy efficiency and conservation. Of their specific presentation time, about 15-20% of it was dedicated to energy efficiency and energy conservation.

Prepared by Market Segment Coordinator, Dave Thornton

REQUEST NO. 7:

Provide a reasonable breakdown of the total costs of Idaho Power's "Solar 4R Schools" program and list the participating schools.

RESPONSE TO REQUEST NO. 7:

There are eight schools with Solar 4R Schools installations and three schools in the process of receiving installations (scheduled to be completed in the fall of 2008).

The schools are:

- Capital High School – Boise, ID
- Castleford School – Castleford, ID
- Eagle Middle School – Eagle, ID
- Payette High School – Payette, ID
- Pocatello Community Charter School - Pocatello, ID
- Riverstone International School - Boise, ID
- William Thomas Middle School – American Falls, ID
- Wood River High School – Hailey, ID
- Grace Lutheran School, Pocatello, ID (Installation in progress)
- Ola Elementary-Middle School, Ola, ID (Installation in progress)
- New Meadows Schools, New Meadows, ID (Installation in progress)

The program is managed in partnership with the Bonneville Environmental Foundation ("BEF"). As part of Idaho Power's Green Tag purchase contract with BEF, 10% of the customer contributions are set aside for the Solar 4R Schools program. As funds accrue, Idaho Power awards installations. Historically, additional installations have been supported by BEF through grants and donations.

The actual costs per school differ due the location of the school, the schools physical design, and the variability of the price of equipment. Idaho Power provides some program marketing and administration. These costs are part of the Green Power Program administration and are not tracked separately.

See Attachment No. 5 for a breakdown of expenses.

Prepared by Program Specialist II, Patti Best.

REQUEST NO. 8:

In an April 30, 2008, letter to Bill Chisholm, Theresa Drake described several types of energy efficiency programs and efforts conducted by Idaho Power and concluded with "...we welcome opportunities to supplement and augment existing programs." Please explain specifically which of the programs or efforts Idaho Power would choose to augment and by approximately what amounts.

RESPONSE TO REQUEST NO. 8:

As mentioned previously, Idaho Power welcomes any programs or efforts to increase children's understanding of energy and the value it brings to our communities. Specifically, Idaho Power would like to see the following:

- Expanding the mini home audits for school children with more in-depth follow-up in the classroom. Idaho Power has an existing "Home Audit" for children, but feels additional curriculum goals could be achieved with activities and follow-up.
- Energy Audits of schools or classroom facilities by students could lead to recommendations for implementing energy efficiency measures. Participating students would build the business case and make presentations to decision makers and district administrators. Idaho Power currently offers commercial incentives; however, student-led projects adopted by the schools provide the opportunity for students to participate in a "learning lab" and experience success with a tangible project.
- Idaho Power believes the number of qualified applications to Solar 4R Schools could be increased.
- Educational "energy efficiency" materials/kits could be shared by students with their families. Presently, a school kit costs \$40-\$50 dollars each and are cost prohibitive to provide to classrooms in our service territory.

Prepared by Customer Relation & Energy Efficiency Manager, Theresa Drake.

REQUEST NO. 9:

Provide any other information regarding Idaho Power's efforts to improve school building operation efficiency or to educate students or customers in general about energy efficiency, including their costs, funding sources, and preliminary or completed evaluations.

For example, how many of Idaho Power's booklet *30 Simple Things You Can Do to Save Energy* have been printed and at what cost? How many have been distributed and at what cost? Has there been any preliminary evaluation of the effects of distributing that booklet? And the same questions for the *2007/2008 Educational Resource Guide*, and *Simple Ways to Save Energy - Mini Home Audit*.

RESPONSE TO REQUEST NO. 9:

Idaho Power's effort to improve school building efficiency not included in the information provided in the above questions includes training and education of trade allies who work with the schools. Idaho Power is also a sponsor of the Integrated Design Lab which available to schools and has been utilized by schools participating in the Building Efficiency program. The education of students outside the classroom is included in the Company's general energy efficiency education efforts, which includes but is not limited to: radio and TV interviews, radio and TV advertising, print advertising, participation in events such as county fairs or the Green Power Expo, ad hoc speaking engagements by Company employees and managers, and Idaho Power staff teaching and speaking at secondary education facilities and community organizations. The costs of all these activities are not all tracked separately. The funding of these activities is provided by the Energy Efficiency Rider and general Company operation and maintenance funds. Most of these activities do not have formal evaluations but the value of participating in these events is assessed by customer feedback, employee feedback, quantity and type of material distributed, and other non-quantifiable information. General customer satisfaction with Idaho Power's energy efficiency efforts is measured in the Company's quarterly Burke customer satisfaction survey. The most recent customer survey available (second quarter 2008) shows that 37% of the customers surveyed believe that Idaho meets or exceeds their needs with energy efficiency program offerings and 51% believe Idaho Power encourages energy efficiency.

In May 2008, Idaho Power printed 25,000 copies of *30 Simple Things You Can Do to Save Energy*. The primary distribution outlet for this publication has been events, including the Idaho Green Expo on May 17 and 18. Idaho Power has distributed 6,493 retaining 18,507 in inventory. The cost for printing this publication was \$61,200. In 2007, Idaho Power printed 7000 Community Education Resource Guides containing 24 pages at a cost of \$5629. This year (2008) Idaho Power printed the same 7000 quantity containing 36 pages at a cost \$5694. In 2007, Idaho Power printed the *Simple Ways to Save Energy - Mini Home Audit* in varying quantities (100 - 1000) based on need in Idaho Power's print center at a cost of approximately \$.28 each. In 2008, Idaho Power is printing 10,000 copies of *Simple Ways to Save Energy - Mini Home Audit* at an estimated cost of \$1300-1500 from a commercial printer.

Prepared by Market Segment Coordinator, Dave Thornton, and Customer Research & Analysis Leader, Pete Pengilly.

BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-08-11

IDAHO POWER COMPANY

ATTACHMENT NO. 1

Idaho Power Community Education On-Line Teacher Survey

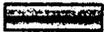
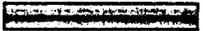
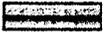
1. How did you hear about Idaho Power Company's Community Education program(s)? Please check all that apply.

		Response Percent	Response Count
Arranged for programs in previous years	<input checked="" type="checkbox"/>	92.3%	48
Educational Resource Guide (hard copy)	<input checked="" type="checkbox"/>	25.0%	13
Idaho Power website (www.idahopower.com)	<input checked="" type="checkbox"/>	13.5%	7
Local Idaho Power Community Education Representative	<input checked="" type="checkbox"/>	46.2%	24
A colleague/fellow educator	<input checked="" type="checkbox"/>	26.9%	14
Other media (please specify)	<input type="checkbox"/>	1.9%	1
<i>answered question</i>			52
<i>skipped question</i>			0

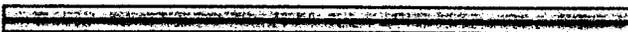
2. How did you contact your local Idaho Power Community Education Representative to arrange for your presentation this year? (Please check all that apply)

		Response Percent	Response Count
Telephone	<input checked="" type="checkbox"/>	48.0%	24
Individual e-mail	<input checked="" type="checkbox"/>	58.0%	29
Group e-mail (e.g., idaed@idahopower.com)	<input type="checkbox"/>	6.0%	3
U.S. Postal mail (e.g., Request Card insert found in the Educational Resource Guide)	<input checked="" type="checkbox"/>	14.0%	7
Other (please specify)	<input checked="" type="checkbox"/>	18.0%	9
<i>answered question</i>			50
<i>skipped question</i>			2

3. How many years have you requested educational programs / presentations from Idaho Power Company?

	Response Percent	Response Count
This year (2005-2006) was the first time	0.0%	0
2-5 	13.7%	7
6-10 	37.3%	19
11-15 	27.5%	14
16-20 	13.7%	7
More than 20 	7.8%	4
<i>answered question</i>		51
<i>skipped question</i>		1

4. The information provided in the requested program integrated well with the state and / or school district's curriculum guidelines.

	Response Percent	Response Count
Strongly agree 	90.2%	46
Somewhat agree 	7.8%	4
Neither agree nor disagree 	2.0%	1
Somewhat disagree	0.0%	0
Strongly disagree	0.0%	0
<i>answered question</i>		51
<i>skipped question</i>		1

5. The information provided in the requested program integrated well with your own lesson plan.

		Response Percent	Response Count
Strongly agree		88.0%	44
Somewhat agree		8.0%	4
Neither agree nor disagree		4.0%	2
Somewhat disagree		0.0%	0
Strongly disagree		0.0%	0
<i>answered question</i>			50
<i>skipped question</i>			2

6. How valuable was the information provided in the requested program to you as an educator?

		Response Percent	Response Count
Very valuable		100.0%	51
Somewhat valuable		0.0%	0
Not very valuable		0.0%	0
Not valuable at all		0.0%	0
<i>answered question</i>			51
<i>skipped question</i>			1

7. How valuable was the information provided in the requested program to your students?

	Response Percent	Response Count
Very valuable	98.0%	49
Somewhat valuable	2.0%	1
Not very valuable	0.0%	0
Not valuable at all	0.0%	0
<i>answered question</i>		50
<i>skipped question</i>		2

8. The Community Education Representative was knowledgeable with regard to the topic of the presentation?

	Response Percent	Response Count
Strongly agree	100.0%	50
Somewhat agree	0.0%	0
Neither agree nor disagree	0.0%	0
Somewhat disagree	0.0%	0
Strongly disagree	0.0%	0
<i>answered question</i>		50
<i>skipped question</i>		2

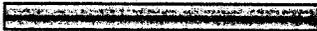
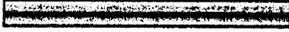
9. How likely will you be to utilize Idaho Power Company's Community Education program(s) in the future?

		Response Percent	Response Count
Definitely will		100.0%	51
Probably will		0.0%	0
May or may not		0.0%	0
Probably will not		0.0%	0
Definitely will not		0.0%	0
<i>answered question</i>			51
<i>skipped question</i>			1

10. What additional information can you provide that would help improve Idaho Power's Community Education efforts?

	Response Count
	32
<i>answered question</i>	32
<i>skipped question</i>	20

11. How aware are you that Idaho Power has an educational loan library?

		Response Percent	Response Count
Very Aware		45.1%	23
Somewhat aware		41.2%	21
Not aware at all		13.7%	7
<i>answered question</i>			51
<i>skipped question</i>			1

12. Do you order and / or utilize the loan library materials?

		Response Percent	Response Count
Yes	<input checked="" type="checkbox"/>	27.3%	12
No	<input checked="" type="checkbox"/>	72.7%	32
			<i>answered question</i> 44
			<i>skipped question</i> 8

13. What materials from Idaho Power's loan library have you used? (Please check all that apply)

		Response Percent	Response Count
Videos	<input checked="" type="checkbox"/>	66.7%	8
Brochures	<input checked="" type="checkbox"/>	41.7%	5
Teaching Units	<input checked="" type="checkbox"/>	25.0%	3
Teaching Kits	<input checked="" type="checkbox"/>	50.0%	6
Black-line Masters	<input type="checkbox"/>	0.0%	0
Other (please specify)	<input checked="" type="checkbox"/>	16.7%	2
			<i>answered question</i> 12
			<i>skipped question</i> 40

14. How valuable have the materials in the loan library been to you as an educator?

		Response Percent	Response Count
Very valuable	<input checked="" type="checkbox"/>	100.0%	12
Somewhat valuable	<input type="checkbox"/>	0.0%	0
Not very valuable	<input type="checkbox"/>	0.0%	0
Not valuable at all	<input type="checkbox"/>	0.0%	0
			<i>answered question</i> 12
			<i>skipped question</i> 40

15. How valuable have the materials in the loan library been to your students?

	Response Percent	Response Count
Very valuable	100.0%	12
Somewhat valuable	0.0%	0
Not very valuable	0.0%	0
Not valuable at all	0.0%	0
<i>answered question</i>		12
<i>skipped question</i>		40

16. How likely will you be to utilize Idaho Power Company's loan library in the future?

	Response Percent	Response Count
Definitely will	75.0%	9
Probably will	25.0%	3
May or may not	0.0%	0
Probably will not	0.0%	0
Definitely will not	0.0%	0
<i>answered question</i>		12
<i>skipped question</i>		40

17. What additional suggestions do you have to help Idaho Power improve the loan library?

	Response Count
	5
<i>answered question</i>	5
<i>skipped question</i>	47

18. What could Idaho Power do to improve its programs to better integrate with the State and or school district's curriculum guidelines?

Response
Count

0

answered question 0

skipped question 52

19. What could Idaho Power do to improve its programs to better integrate with your lesson plans?

Response
Count

0

answered question 0

skipped question 52

20. What could Idaho Power do to improve the value of its programs for you?

Response
Count

0

answered question 0

skipped question 52

21. What could Idaho Power do to improve the value of its programs for your students?

Response
Count

0

answered question 0

skipped question 52

22. In what ways could the Community Education Representative improve their knowledge with respect to the program or presentation?

Response
Count

0

answered question

0

skipped question

52

23. Please help us understand why you would not use Idaho Power's Community Education Programs again.

Response
Count

0

answered question

0

skipped question

52

24. What could Idaho Power do to improve the value of its loan library for you?

Response
Count

0

answered question

0

skipped question

52

25. What could Idaho Power do to improve the value of its loan library materials for your students?

Response
Count

0

answered question

0

skipped question

52

26. Please help us understand why you would not use Idaho Power's Loan Library again.

Response
Count

0

answered question

0

skipped question

52

27. Have you ever received feedback from parents regarding any of the information provided by Idaho Power - in either classroom presentations or in the ancillary materials (e.g., activity/coloring booklets, bookmarks, etc.)?

Response
Percent

Response
Count

Yes

52.9%

27

No

47.1%

24

answered question

51

skipped question

1

28. In years, how long have you been an educator?

Response
Percent

Response
Count

1-5

0.0%

0

6-10

7.8%

4

11-15

15.7%

8

16-20

21.6%

11

Over 20

54.9%

28

answered question

51

skipped question

1

29. At what grade level do you currently teach?

	Response Percent	Response Count
Kindergarten	0.0%	0
1st	0.0%	0
2nd	25.5%	13
3rd	11.8%	6
4th	41.2%	21
5th	11.8%	6
6th	5.9%	3
Middle School / Junior High	2.0%	1
High School	2.0%	1
	answered question	51
	skipped question	1

30. Do you have any final comments you would like to make regarding Idaho Power Company or the Company's Community Education Programs?

Response Count

	38
answered question	38
skipped question	14

**Attachment 1
Response to question 1**

**LIST OF SCHOOLS REQUESTING EDUCATIONAL PRESENTATIONS
DURING THE 2007-2008 SCHOOL YEAR
EAST REGION - CLAUDIA TREMELLING**

POCATELLO SCHOOL DISTRICT # 25

Chubbuck Elementary	Wilcox Elementary
Edahow Elementary	Gate City Elementary
Green Acres Elementary	Indian Hills Elementary
Jefferson Elementary	Lewis and Clark Elementary
Ellis Elementary	Syringa Elementary
Tendoy Elementary	Tyhee Elementary
Washington Elementary	

SNAKE RIVER DISTRICT # 52

Moreland Elementary	Riverside Elementary
Rockford Elementary	

BLACKFOOT DISTRICT # 55

Stalker Elementary	Groveland Elementary
Stoddard Elementary	Ridge Crest Elementary
Wapello Elementary	

ABERDEEN DISTRICT # 58

Aberdeen Elementary

AMERICAN FALLS DISTRICT # 381

Hillcrest Elementary	American Falls Intermediate School
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ROCKFORD DISTRICT # 382

Rockford School

SALMON DISTRICT # 291

Salmon Middle School	Salmon Pioneer School
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SOUTH LEMHI # 292

Leadore School

PRIVATE SCHOOLS

Grace Lutheran School – Pocatello Holy Spirit Catholic School – Pocatello
Salmon Seventh-Day Adventist School - Salmon

**LIST OF SCHOOLS REQUESTING EDUCATIONAL PRESENTATIONS
DURING THE 2007-2008 SCHOOL YEAR
CANYON REGION – LINDA GARCIA**

NAMPA SCHOOL DISTRICT

Roosevelt Elementary	Central Elementary
Iowa Elementary	Owyhee Elementary
Reagan Elementary	Sherman Elementary
Snake River Elementary	Willow Creek Elementary
Endeavor Elementary	Nampa Christian Elementary

CALDWELL SCHOOL DISTRICT

Sacajawea Elementary	Wilson Elementary
Lewis & Clark Elementary	Van Buren Elementary
Washington Elementary	

KUNA SCHOOL DISTRICT

Crimson Point Elementary	Fremont H. Teed Elementary
Hubbard Elementary	Indian Creek Elementary
Reed Elementary	Ross Elementary

MIDDLETON SCHOOL DISTRICT

Middleton Heights Elementary	Middleton Mill Elementary
Middleton Purple Sage Elementary	

VALLIVUE SCHOOL DISTRICT

Sage Elementary	Birch Elementary
Central Canyon Elementary	East Canyon Elementary
Thomas Jefferson Elementary	

MOUNTAIN HOME SCHOOL DISTRICT

East Elementary	West Elementary
North Elementary	

MELBA SCHOOL DISTRICT

Melba Elementary

**LIST OF SCHOOLS REQUESTING EDUCATIONAL PRESENTATIONS
DURING THE 2007-2008 SCHOOL YEAR
WEST REGION – PAM COMPTON**

Marsing	Homedale (Elementary & High Schools)
Parma	Adrian, OR (Elementary, Jr. High & High Schools)
Nyssa	Cairo
Vale	Ontario
Harper	Willow Creek
Unity	Jordan Valley
Pleasant Valley	Aiken
Alameda	Mary Roberts
St. Peter's	Four Rivers Charter
Notus	Horseshoe Bend
Garden Valley	Emmett (4 Elementary Schools)
Annex	Idaho City
Donnelly	McCall
Riggins	New Meadows
Council	Weiser (3 Schools)
Midvale	Fruitland (Elementary & Jr. High Schools)
Payette	New Plymouth (Elementary & Jr. High Schools)
Cambridge	Halfway
Richland	Pioneer

**LIST OF SCHOOLS REQUESTING EDUCATIONAL PRESENTATIONS
DURING THE 2007-2008 SCHOOL YEAR
SOUTHERN REGION – CHRIS BELL**

Grand View Elementary	Bickel Elementary
Harrison Elementary	I. B. Perrine Elementary
Lincoln Elementary	Morningside Elementary
Oregon Trail Elementary	Sawtooth Elementary
Popplewell Elementary	Filer Elementary
Hollister Elementary	Kimberly Elementary
Hansen Elementary	Castleford Elementary
Murtaugh Elementary	Carey Public School
Bellevue Elementary	Ernest Hemingway School
Hailey Elementary	Camas County Elementary/Junior High
Oakley Elementary	Wendell Elementary
Hagerman School	Bliss School

Gooding Elementary
Valley School
Jefferson Elementary

Horizon Elementary
Bruneau Elementary

Xavier Charter School
Immanuel Lutheran School
Twin Falls Christian Academy

Clover Trinity Lutheran School
St. Edwards's Catholic School

**LIST OF SCHOOLS REQUESTING EDUCATIONAL PRESENTATIONS
DURING THE 2007-2008 SCHOOL YEAR
CAPTIAL REGION - RUSS WEEDON**

BOISE SCHOOL DISTRICT

Adams Elementary
Cole Elementary
Cynthia Mann Elementary
Garfield Elementary
Highlands Elementary
Horizon Elementary
Jefferson Elementary
Liberty Elementary
Maple Grove Elementary
Monroe Elementary
Owyhee Elementary
Riverside Elementary
Shadow Hills Elementary
Valley View Elementary
White Pine Elementary
Whittier Elementary
Hidden Springs Charter

Amity Elementary
Collister Elementary
Franklin Elementary
Hawthorne Elementary
Hillcrest Elementary
Jackson Elementary
Koelsch Elementary
Longfellow Elementary
McKinley Elementary
Mountain View Elementary
Pierce Park Elementary
Roosevelt Elementary
Trail Wind Elementary
Washington Elementary
Whitney Elementary
William Howard Taft Elementary
Garden City Community School

Les Bois Junior High School

Riverglen Junior High School

Capitla High School

Timberline High School

MERIDIAN SCHOOL DISTRICT

Chaparral Elementary
Christine Donnell Magnet
Discovery Elementary
Eagle Hills Elementary

Chief Joseph Elementary
Desert Sage Elementary
Eagle Elementary
Frontier Elementary

Hunter Elementary
Lake Hazel Elementary
Mary McPherson Elementary
Meridian Elementary
Pepper Ridge Elementary
Ponderosa Elementary
Seven Oaks Elementary
Spalding Elementary
Summerwind Elementary
Galileo Math & Science Magnet
Sacred Heart Catholic School
Foothills School of Arts & Sciences

Joplin Elementary
Linder Elementary
McMillan Elementary
Paramount Elementary
Peregrine Elementary
River Valley Elementary
Silver Sage Elementary
Star Elementary
Ustick Elementary
North Star Public Charter
Cole Valley Christian School

Eagle Middle School
Meridian High School

Lowell Scott Middle School
Eagle High School

**BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION**

CASE NO. IPC-E-08-11

IDAHO POWER COMPANY

*pamphlets sent
to Lynn*

ATTACHMENT NO. 2

BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-08-11

IDAHO POWER COMPANY

ATTACHMENT NO. 3

Attachment 3
Response to Request No. 7.



	Project Count ¹	Total Utility Costs	Participant Costs ²	Incentives	Total Resource Costs	Total Energy Savings (kwh)	Average Program Measure Life	Levelized Costs- UC ³ (¢/kwh)	Levelized Costs- TRC ³ (¢/kwh)	Cost Effective Limit (¢/kwh)	UC Ratio	TRC Ratio
Easy Upgrades	54	\$179,395	\$614,011	\$122,285	\$671,122	1,119,741	12	1.75	6.56	8.08	4.61	1.23
Building Efficiency	18	\$576,479	\$626,336	\$505,110	\$697,705	2,195,600	12	2.87	3.48	8.08	2.81	2.32
Totals	72	\$755,874	\$1,240,347	\$627,395	\$1,368,827	3,315,341	12	2.49	4.52	8.08	3.24	1.79

Notes and Assumptions

1. Project Counts are for School projects 2005 through 8/19/2008.
2. Participant costs are reported for Easy Upgrades and estimated for the Building Efficiency the incremental participant cost is estimated to be 24% greater than Incentives.
3. Energy Saving utilized in levelized cost calculations include line losses.

BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-08-11

IDAHO POWER COMPANY

ATTACHMENT NO. 4



Easy Upgrades School Project Measure Summary

Easy Upgrade Measure	Number of School Projects where measure was utilized
1- or 2-lamp 4' T8 fixture	16
4-lamp 4' T8 fixture	13
4- or 6-lamp 4' T5 HO fixture	11
PC network power management	11
LED or equivalent exit sign	8
Occupancy sensor, wall or ceiling mounted	7
7-day, two-stage setback thermostat	5
6-lamp 4' T8 High Bay fixture	5
Air side economizer control addition	3
Delamping fixtures bonus	3
3-lamp 4' T8 fixture	3
Premium windows	1
Air side economizer system repair	1
Automated EMS control system	1
CFL lamp or fixture	1
2-lamp 8' T8 fixture	1
2-lamp 8' T8 HO/HO fixture	1
4-lamp 4' T8 High Bay fixture	1

Building Efficiency School Project Measure Summary

Easy Upgrade Measure	Number of School Projects where measure was utilized
High Efficiency AC Units	13
Economizers	12
High Efficiency Exit Signs	11
Light Load Reduction	10
Occupancy Sensors	9
Demand Control Ventilation	9
Reflective Roof Treatment	4
Energy Management Control System	4
High Performance Windows	3
Variable Speed Drives	2
Daylight Photo Controls	1

BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION

CASE NO. IPC-E-08-11

IDAHO POWER COMPANY

ATTACHMENT NO. 5

Attachment 5
Response to Request No. 7.



Started	Generating	2003	5/18/2007	8/1/2007	5/18/2007	7/15/2007	5/18/2007	11/15/2007	11/15/2007										
			William Thomas																
			(American Falls) ¹	Eagle Middle School ¹	Capital High (Boise) ¹	Payette High School (Estimated) ³	River High (Hailey) ³	Pocatello Charter (Installed Fall 2007) ¹	Riverstone (Installed Fall 2007) (Boise) ¹	Ola Jr High ²	Elementary- Meadows ²	New Meadows ²	Grace Lutheran ⁴						
Castlefjord School ⁵	n/a	\$ 602	\$ 4,029	\$ 52	\$ 52	\$ 602	\$ 4,029	\$ 4,348	\$ 1,800	\$ 300	\$ 7,656	\$ 2,450	\$ 200	\$ 250	\$ 350	\$ 1,914	\$ 19,268	n/a	
Site Survey/Prelim Design Modules	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Inverter	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Shipping	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Engineering	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Installation	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Data Acquisition System	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Web Portal	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Curriculum	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Teacher Training/Support	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
BEF Project Management Fee	n/a	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	In Progress
Total		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	n/a

Notes:

The town of Hailey required an engineering review as part of city code in order to install the panels. Installation includes contactor time, travel costs and materials such as disconnects, hardware, cables, racking system etc. specific to that system. Inverters included in installation fee for Payette, William Thomas, Eagle, Capital, Wood River. Ola, New Meadows, Grace Lutheran are in progress now. The estimated costs are \$18,427 per school prior to the site visit and school selection.

¹ Funded by Idaho Power Green Power Program Participants

² Funded by IPC using BPA CRC Renewables Credit

³ Funded by BEF as match to IPC Green Power program.

⁴ Funded by Edwards Mother Earth Institute through a grant to BEF to be used as a match to IPC

⁵ Exact accounting for the Castlefjord project is unavailable. The Castlefjord project was done in 2003 as a demonstration project and was funded primarily by BEF with Idaho Power funding administrative and incidental charges through the Green Power Program.

DATE/TIME PLACE

TO CONDUCT A STATUS CONFERENCE ON :

CASE NO. IPC-E-08-11

MORE SPECIFICALLY

**IN THE MATTER OF THE APPROPRIATE DISPOSITION OF IDAHO POWER
COMPANY'S EMISSION PROCEEDS TO FUND AN ENERGY EDUCATION
PROPOSAL**

INTRODUCTION OF THE COMMISSIONERS: CHAIR JIM KEMPTON/
PRESIDENT MACK REDFORD/ MARSHA SMITH

PROCEEDINGS IN THIS CASE ARE BEING CONDUCTED IN ACCORDANCE
WITH COMMISSION JURISDICTION UNDER TITLE 61, IDAHO CODE AND
COMMISSION RULES OF PROCEDURE UNDER IDAPA 31.01.01.

STATUS CONFERENCE WILL BE RECORDED

APPEARANCE OF ANY INTERESTED PARTY IN ATTENDANCE BEFORE THE
COMMISSION IN TODAY'S STATUS CONFERENCE IS NOT RESTRICTED AND
THERE IS NO DESIGNATED LEAD PARTY (Expand to others in the room.)

APPEARANCES/ REPRESENTING: IPUC: DON HOWELL

IEEP:

OER:

DOE:

IPC:

BEFORE ADDRESSING CONFERENCE PROCEDURES: BRIEF HISTORY FOR
THE RECORD/ DISTRIBUTION OF OER "PROPOSAL" (Recess to read ???)

CONFERENCE PROCEDURES/(CHAIRMAN'S PROPOSAL)

1. PRESENTATION ORDER: IEEP/ OER/DOE/IPC
2. QUESTIONS: COMMISSION/ PARTIES IN THE ORDER OF
PRESENTATION
3. ADDITIONAL DISCUSSION: BY DIRECTION OF THE CHAIR

ANY OTHER PRELIMINARY MATTERS?

AFTER CONFERENCE ACTION(S)/ RECOMMENDATIONS: