



# **Treasury Board Submission – Request for Decision**

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Pages 2 through 6 redacted for the following reasons:

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## TREASURY BOARD STAFF BRIEFING NOTE

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Pages 8 through 11 redacted for the following reasons:

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**Ministry of Environment**

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CLIFF: 332690  
Date Received: Nov 7, 2013  
Submission: ENV / 05-14  
Analyst: Holly Cairns

## **Treasury Board Submission – Request for Decision**

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Pages 14 through 18 redacted for the following reasons:

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## Tomana, Bill FIN:EX

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**From:** Feulgen, Sabine FIN:EX  
**Sent:** Thursday, October 3, 2013 8:04 PM  
**To:** Tomana, Bill FIN:EX; Enemark, Gord FIN:EX  
**Subject:** RE: carbon neutral program for schools

Thanks very much.

Sabine

phone: 250.356.5427  
email: [Sabine.Feulgen@gov.bc.ca](mailto:Sabine.Feulgen@gov.bc.ca)

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**From:** Tomana, Bill FIN:EX  
**Sent:** Thursday, October 3, 2013 4:29 PM  
**To:** Enemark, Gord FIN:EX; Feulgen, Sabine FIN:EX  
**Subject:** RE: carbon neutral program for schools

EDUC "call for projects" from school districts are approved based on the following criteria:


1. Emissions reduction levels
  2. Operational cost savings
  3. Contributions from school district
  4. 3<sup>rd</sup> party contributions (e.g. BC Hydro/Fortis BC incentives)
- Criteria 1 and 2 are more heavily weighted than 3 and 4.
  - Projects must be completed in the year they are approved
  - EDUC tries to ensure CNCP funding is equitably distributed across all school districts over a number of years
  - EDUC tries to have each school district's carbon offset costs paid back every 5 years

For projects approved and \$ approved see attachment 2013-14\_CNCP\_allocations

For projects completed and \$ spent for 12/13 see attachment 2012-13\_CNCP\_projects

Let me know if there are any questions.

Bill Tomana  
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Treasury Board Staff  
Ministry of Finance  
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 Please think about the environment before you print

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**From:** Enemark, Gord FIN:EX  
**Sent:** Tuesday, October 1, 2013 8:05 PM  
**To:** Feulgen, Sabine FIN:EX  
**Cc:** Tomana, Bill FIN:EX  
**Subject:** Re: carbon neutral program for schools

Sure. I think they mentioned about 3 per SD per year.

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**From:** Feulgen, Sabine FIN:EX  
**Sent:** Tuesday, October 01, 2013 07:42 PM Pacific Standard Time  
**To:** Enemark, Gord FIN:EX



Next week sometime? Do you think we are talking hundreds or in the 10s?

Sabine

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**From:** Enemark, Gord FIN:EX  
**Sent:** Tuesday, October 1, 2013 7:27 PM  
**To:** Feulgen, Sabine FIN:EX  
**Subject:** Re: carbon neutral program for schools

Sure - when do you need?

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**From:** Feulgen, Sabine FIN:EX  
**Sent:** Tuesday, October 01, 2013 07:22 PM Pacific Standard Time  
**To:** Enemark, Gord FIN:EX  
**Subject:** RE: carbon neutral program for schools

Can Educ provide the criteria used, projects approved and \$ approved, and projects completed and \$ spent for 12/13? Thanks.

Sabine

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**From:** Enemark, Gord FIN:EX  
**Sent:** Tuesday, October 1, 2013 2:55 PM  
**To:** Feulgen, Sabine FIN:EX  
**Subject:** RE: carbon neutral program for schools

So here is basically how it works for SD's:

- The SDs pay about \$5M/yr. to buy offsets from PCT.
- EDUC now has an annual routine capital budget of this much, but the commitment to each SD is to keep them whole over a 5-year period, not each year.
- There is a call for proposals process each year, and SDs submit projects that involve renos to save energy – window replacement, boilers, etc.
- EDUC adjudicates the proposals and pays out the funds based on their assessments.

Do you need more than this?

Gord

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**From:** Feulgen, Sabine FIN:EX  
**Sent:** Tuesday, October 1, 2013 7:16 AM

**To:** Enemark, Gord FIN:EX

**Subject:** carbon neutral program for schools

Hi Gord,

I can't remember, were you going to find out from Education how that works? Thanks.

**2013/14 Carbon Neutral Capital Program (CNCP)  
Funding Allocations**

| SD # | SD Name                | School            | Project Description   | Total Project Cost | SD Contribution | 3rd Party Contribution | CNCP Contribution | Energy Study Funding | Total 13/14 CNCP Funding |
|------|------------------------|-------------------|-----------------------|--------------------|-----------------|------------------------|-------------------|----------------------|--------------------------|
| 05   | Southeast Kootenay     |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 06   | Rocky Mountain         | Alexander Park ES | Boilers               | \$ 200,000         | \$ -            | \$ -                   | \$ 200,000        | \$ 9,765             | \$ 209,765               |
| 08   | Kootenay Lake          | JV Humphries ES   | Boilers               | \$ 207,000         | \$ -            | \$ -                   | \$ 207,000        | \$ 9,765             | \$ 216,765               |
| 10   | Arrow Lakes            |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 19   | Revelstoke             |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 20   | Kootenay-Columbia      |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 22   | Vernon                 | Lavington ES      | Boilers               | \$ 75,000          | \$ -            | \$ -                   | \$ 75,000         | \$ 9,765             | \$ 84,765                |
| 23   | Central Okanagan       |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 27   | Cariboo-Chilcotin      |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 28   | Quesnel                |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 33   | Chilliwack             |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 34   | Abbotsford             | Various           | Boilers               | \$ 920,803         | \$ 470,803      | \$ -                   | \$ 450,000        | \$ -                 | \$ 450,000               |
| 35   | Langley                | Aldergrove SS     | Boilers               | \$ 382,000         | \$ 164,000      | \$ 54,000              | \$ 164,000        | \$ -                 | \$ 164,000               |
| 36   | Surrey                 | Martha Currie ES  | Boilers               | \$ 250,000         | \$ -            | \$ -                   | \$ 250,000        | \$ -                 | \$ 250,000               |
| 37   | Delta                  | Delta SS          | Water Heaters         | \$ 50,000          | \$ -            | \$ 3,000               | \$ 47,000         | \$ -                 | \$ 47,000                |
| 38   | Richmond               | Palmer SS         | Air Source Heat Pumps | \$ 587,750         | \$ 87,750       | \$ -                   | \$ 500,000        | \$ -                 | \$ 500,000               |
| 39   | Vancouver              | N/A               | Electric Cars         | \$ 100,000         | \$ -            | \$ -                   | \$ 100,000        | \$ -                 | \$ 100,000               |
| 40   | New Westminster        | Queensborough MS  | Boilers               | \$ 250,000         | \$ -            | \$ -                   | \$ 250,000        | \$ 9,765             | \$ 259,765               |
| 41   | Burnaby                |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 42   | Maple Ridge            |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 43   | Coquitlam              |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 44   | North Vancouver        |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 45   | West Vancouver         |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 46   | Sunshine Coast         |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 47   | Powell River           |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 48   | Sea to Sky             |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 49   | Central Coast          |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 50   | Halda Gwaii            |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 51   | Boundary               |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 52   | Prince Rupert          | Conrad ES         | DDC Controls          | \$ 12,565          | \$ -            | \$ -                   | \$ 12,565         | \$ 9,765             | \$ 22,330                |
| 53   | Okanagan-Similkameen   | Okanagan Falls ES | Water Heaters         | \$ 25,000          | \$ 5,000        | \$ -                   | \$ 20,000         | \$ 9,765             | \$ 29,765                |
| 54   | Bulkley Valley         |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 57   | Prince George          |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 58   | Nicola-Similkameen     |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 59   | Peace River South      | Dawson Creek SS   | Boilers               | \$ 400,000         | \$ -            | \$ -                   | \$ 400,000        | \$ -                 | \$ 400,000               |
| 60   | Peace River North      |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 61   | Greater Victoria       | Tillicum ES       | Boilers               | \$ 187,500         | \$ -            | \$ -                   | \$ 187,500        | \$ 9,765             | \$ 197,265               |
| 62   | Sooke                  |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 63   | Saanich                | Lochside ES       | Boilers               | \$ 254,100         | \$ 42,000       | \$ 12,100              | \$ 200,000        | \$ -                 | \$ 200,000               |
| 64   | Gulf Islands           |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 67   | Okanagan Skaha         | West Beach ES     | Boilers               | \$ 109,000         | \$ 7,500        | \$ -                   | \$ 101,500        | \$ 9,765             | \$ 111,265               |
| 68   | Nanaimo-Ladysmith      | Hammond Bay ES    | Sewage Heat X-change  | \$ 312,500         | \$ -            | \$ -                   | \$ 312,500        | \$ -                 | \$ 312,500               |
| 69   | Qualicum               |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 70   | Alberni                |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 71   | Comox Valley           | Mark Isfeld SS    | Boilers               | \$ 45,000          | \$ -            | \$ -                   | \$ 45,000         | \$ -                 | \$ 45,000                |
| 72   | Campbell River         |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ -                 | \$ -                     |
| 73   | Kamloops-Thompson      | Brocklehurst MS   | Boilers               | \$ 375,000         | \$ 50,000       | \$ 50,200              | \$ 274,800        | \$ 9,765             | \$ 284,565               |
| 74   | Gold Trail             | Maintenance Bldg  | Air Source Heat Pumps | \$ 77,000          | \$ 20,000       | \$ -                   | \$ 57,000         | \$ 9,765             | \$ 66,765                |
| 75   | Mission                |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 78   | Fraser-Cascade         | Agassiz E-SS      | Lighting              | \$ 81,835          | \$ 26,835       | \$ 10,000              | \$ 45,000         | \$ 9,765             | \$ 54,765                |
| 79   | Cowichan Valley        | Lake Cowichan SS  | Biomass boilers       | \$ 434,750         | \$ 217,375      | \$ -                   | \$ 217,375        | \$ -                 | \$ 217,375               |
| 81   | Fort Nelson            |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 82   | Coast Mountains        | Mt Elizabeth SS   | Boilers               | \$ 400,000         | \$ 200,000      | \$ -                   | \$ 200,000        | \$ 9,765             | \$ 209,765               |
| 83   | North Okanagan-Shuswap | Eagle River SS    | Boilers               | \$ 235,000         | \$ -            | \$ -                   | \$ 235,000        | \$ 9,765             | \$ 244,765               |
| 84   | Vancouver Island West  |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 85   | Vancouver Island North |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 87   | Stikine                |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 91   | Nechako Lakes          | Ft St James SS    | Solarwall             | \$ 103,859         | \$ 75,000       | \$ -                   | \$ 28,859         | \$ 9,765             | \$ 38,624                |
| 92   | Nisga                  |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
| 93   | Conseil Francophone    |                   |                       | \$ -               | \$ -            | \$ -                   | \$ -              | \$ 9,765             | \$ 9,765                 |
|      |                        |                   |                       | \$ 6,075,662       | \$ 1,366,263    | \$ 129,300             | \$ 4,580,099      | \$ 419,901           | \$ 5,000,000             |

**2012/13 Carbon Neutral Capital Program (CNCP)  
Completed Projects**

| School District                             | School                        | Project Description | Emissions Reductions Generated by CNCP Funding (tCO2e) | \$7,317 Energy Study Funding | Total 2012/13 CNCP Funding |
|---|-------------------------------|---------------------|--|------------------------------|----------------------------|
| School District 05 - Southeast Kootenay     |                               |                     |  | Y                            | \$ 7,317                   |
| School District 06 - Rocky Mountain         |                               |                     |  | N                            | \$ -                       |
| School District 08 - Kootenay Lake          |                               |                     |  | Y                            | \$ 7,317                   |
| School District 10 - Arrow Lakes            |                               |                     |  | Y                            | \$ 7,317                   |
| School District 19 - Revelstoke             | General                       | Fleet Vehicle       | 0.48   | Y                            | \$ 28,448                  |
| School District 20 - Kootenay-Columbia      |                               |                     |  | Y                            | \$ 7,317                   |
| School District 22 - Vernon                 | JW Ingles ES                  | Boilers             | 45.19  | Y                            | \$ 98,541                  |
| School District 23 - Central Okanagan       |                               |                     |  | Y                            | \$ 7,317                   |
| School District 27 - Cariboo-Chilcoltin     |                               |                     |  | Y                            | \$ 7,317                   |
| School District 28 - Quesnel                | Various                       | Lighting            | 1.18   | Y                            | \$ 98,028                  |
| School District 33 - Chilliwack             | Cultus Lake ES                | Boilers             | 10.77  | N                            | \$ 110,512                 |
| School District 34 - Abbotsford             | Rick Hansen SS                | Solar               | 4.47   | N                            | \$ 44,868                  |
| School District 35 - Langley                | West Langley ES               | Boilers             | 19.48  | N                            | \$ 134,897                 |
| School District 36 - Surrey                 | Various                       | Boilers             | 206.95   | Y                            | \$ 764,908                 |
| School District 37 - Delta                  |                               |                     |  | N                            | \$ -                       |
| School District 38 - Richmond               | Tomsett ES & Garden City ES   | Boilers             | 44.88  | N                            | \$ 149,950                 |
| School District 39 - Vancouver              | Various                       | Various             | 341.30   | N                            | \$ 868,240                 |
| School District 40 - New Westminster        |                               |                     |  | Y                            | \$ 7,317                   |
| School District 41 - Burnaby                | Burnaby North & South SSs     | Boilers             | 190.17   | N                            | \$ 326,151                 |
| School District 42 - Maple Ridge            | Eric Langton ES               | Boilers             | 44.20  | Y                            | \$ 217,084                 |
| School District 43 - Coquitlam              | Various                       | Lighting            | 6.89   | N                            | \$ 328,650                 |
| School District 44 - North Vancouver        | Brooksbank ES & Cove Cliff ES | Boilers             | 29.27  | N                            | \$ 264,494                 |
| School District 45 - West Vancouver         | Ewest Bay ES                  | Boilers             | 17.24  | Y                            | \$ 96,130                  |
| School District 46 - Sunshine Coast         |                               |                     |  | Y                            | \$ 7,317                   |
| School District 47 - Powell River           |                               |                     |  | Y                            | \$ 7,317                   |
| School District 48 - Sea to Sky             |                               |                     |  | Y                            | \$ 7,317                   |
| School District 49 - Central Coast          | Nusatsum ES                   | Controls            | 4.80   | Y                            | \$ 26,734                  |
| School District 50 - Haida Gwaii            | Sk'aadga Naay ES              | Solar               | 4.88   | Y                            | \$ 50,211                  |
| School District 51 - Boundary               |                               |                     |  | Y                            | \$ 7,317                   |
| School District 52 - Prince Rupert          |                               |                     |  | Y                            | \$ 7,317                   |
| School District 53 - Okanagan Similkameen   |                               |                     |  | Y                            | \$ 7,317                   |
| School District 54 - Bulkley Valley         |                               |                     |  | Y                            | \$ 7,317                   |
| School District 57 - Prince George          | Blackburn ES & Glenview ES    | Boilers             | 38.98  | Y                            | \$ 384,802                 |
| School District 58 - Nicola-Similkameen     |                               |                     |  | Y                            | \$ 7,317                   |
| School District 59 - Peace River South      |                               |                     |  | N                            | \$ -                       |
| School District 60 - Peace River North      |                               |                     |  | Y                            | \$ 7,317                   |
| School District 61 - Greater Victoria       |                               |                     |  | Y                            | \$ 7,317                   |
| School District 62 - Sooke                  | Hans Helgesen ES              | Boilers             | 11.88  | N                            | \$ 38,465                  |
| School District 63 - Saanich                |                               |                     |  | N                            | \$ -                       |
| School District 64 - Gulf Islands           | Gulf Islands SS               | Solar               | 0.68   | Y                            | \$ 26,308                  |
| School District 67 - Okanagan Skaha         | Princess Margaret SS          | Geothermal          | 9.98   | Y                            | \$ 106,303                 |
| School District 68 - Nanaimo-Ladysmith      | General                       | Electric Car        | 4.47   | N                            | \$ 25,068                  |
| School District 69 - Qualicum               |                               |                     |  | Y                            | \$ 7,317                   |
| School District 70 - Alberni                | Maquinna ES                   | Boilers             | 12.75  | Y                            | \$ 91,601                  |
| School District 71 - Comox Valley           |                               |                     |  | N                            | \$ -                       |
| School District 72 - Campbell River         |                               |                     |  | N                            | \$ -                       |
| School District 73 - Kamloops / Thompson    |                               |                     |  | Y                            | \$ 7,317                   |
| School District 74 - Gold Trail             | Ashcroft District Office      | Heat Pumps          | 13.19  | Y                            | \$ 58,727                  |
| School District 75 - Mission                | Deroche ES                    | Boilers             | 4.60   | N                            | \$ 110,513                 |
| School District 78 - Fraser - Cascade       | Agassiz ESS                   | Lighting            | 0.19   | Y                            | \$ 8,936                   |
| School District 79 - Cowichan Valley        | Bench ES                      | Boilers             | 2.78   | N                            | \$ 109,627                 |
| School District 81 - Fort Nelson            | GW Carlson ES                 | Controls            | 12.58  | Y                            | \$ 42,984                  |
| School District 82 - Coast Mountain         |                               |                     |  | Y                            | \$ 7,317                   |
| School District 83 - North Okanagan-Shuswap | Hill Crest ES                 | Boilers             | 10.36  | N                            | \$ 144,381                 |
| School District 84 - Vancouver Island West  | Various                       | Lighting            | 0.40   | Y                            | \$ 18,343                  |
| School District 85 - Vancouver Island North | Various                       | Lighting            | 1.34   | Y                            | \$ 45,307                  |
| School District 87 - Stikine                |                               |                     |  | Y                            | \$ 7,317                   |
| School District 91 - Nechako Lakes          |                               |                     |  | Y                            | \$ 7,317                   |
| School District 92 - Nisga                  |                               |                     |  | Y                            | \$ 12,494                  |
| School District 93 - Conseil Francophone    |                               |                     |  | Y                            | \$ 7,317                   |
| <b>Grand Totals</b>                         |                               |                     | <b>1096.33</b>   |                              | <b>\$ 5,000,000</b>        |