



RTT-D

10-08-13

- Sets the required performance targets
- Establishes reporting elements and timelines
- Releases the remaining funds or 90% at the rate approved in the application



Scope of Work

Approved 10.01.13

Healthier Generations

PERCENTAGES BY MONTH OF ELIGIBLE FREE AND REDUCED
CARSON CITY SCHOOL DISTRICT NUTRITION PROGRAM

Count Day **9/13/2013**

| | PARTICIPATING ENROLLMENT | FREE | REDUCED | PERCENTAGE |
|---------------------|-----------------------------|------|---------|------------|
| BORDEWICH | 602 | 322 | 58 | 63% |
| FRITSCH | 557 | 222 | 33 | 45% |
| FREMONT | 485 | 288 | 41 | 67% |
| SEELIGER | 601 | 216 | 58 | 45% |
| EMPIRE Provision 2 | 569 | 569 | 0 | 100% |
| MARK TWAIN | 585 | 387 | 81 | 80% |
| CARSON MIDDLE | 1066 | 593 | 81 | 63% |
| EAGLE VALLEY MIDDLE | 625 | 303 | 70 | 59% |
| CARSON HIGH | 2193 | 891 | 223 | 50% |
| PIONEER HIGH | 178 | 123 | 10 | 74% |
| TOTAL | 7461 | 3914 | 655 | 61% |

BASED ON ENROLLMENT FROM
Count Day September 13, 2013

DATA COMPILED BY: Chris Cooper, Nutrition Coordinator



Curriculum that Matters

Manufacturing Day



Manufacturing Day

Students Making the Connection

Special Thanks

- Nate Girdner
- Jennifer Minifie
- Misty Harris
- Shane Qulling
- Steve Dilley
- Erin Been
- Ann Britt
- Teresa Breeden
- Adam Whatley
- Bill Barbie
- Charles Shirley
- Jonathan Begley
- George Gussak
- Chad Dickason
- Ray English
- Rob Easton
- Bill Perez
- Ray Bacon
- Larry Crapo
- Frank Dutra
- Kevin Edwards
- Linda Devon
- John Anderson
- Joe Bozsik
- Cheri Hensley
- Paige Ellis
- Redco
- Micromanipulator
- CINC Industries
- Vitamin Research



Here are the
numbers...

14



27



3

756



and WE are
not done!



Questions?

CCSD

Commitment to Energy Management and Sustainability

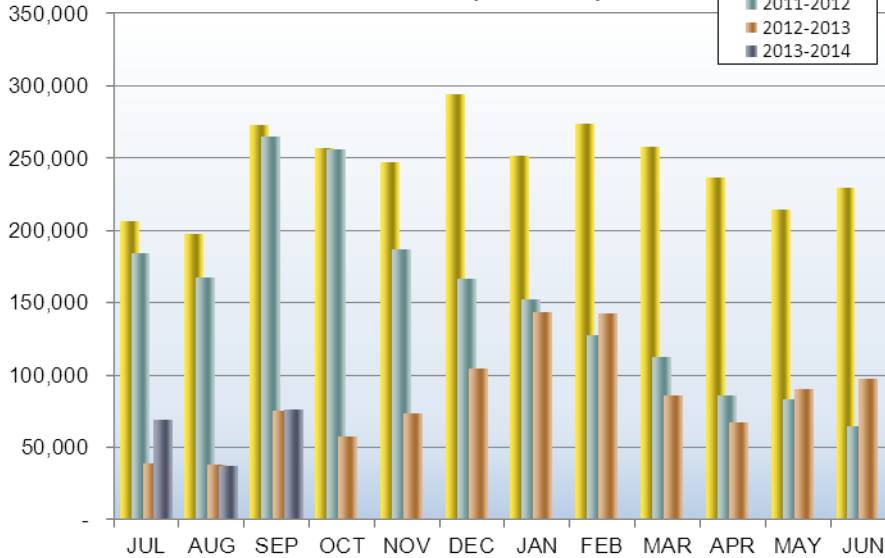
**GOAL: Maximizing Operational Efficiencies
to Improve Educational Environments for
our Students and Employees**

CARSON HIGH SCHOOL

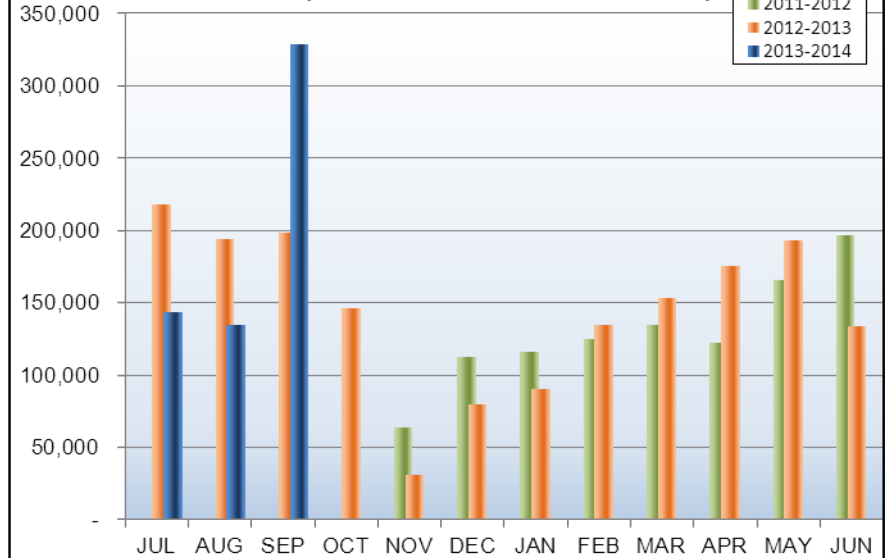


- **1 MW Ground Mount System at CHS**
 - Commissioned October 26, 2011
 - 2010-11 Electric Cost – aprox \$292K
 - 2012-13 Electric Costs – aprox \$137K
 - Moving forward at CHS with a Monitoring system linked to our environmental controls system.

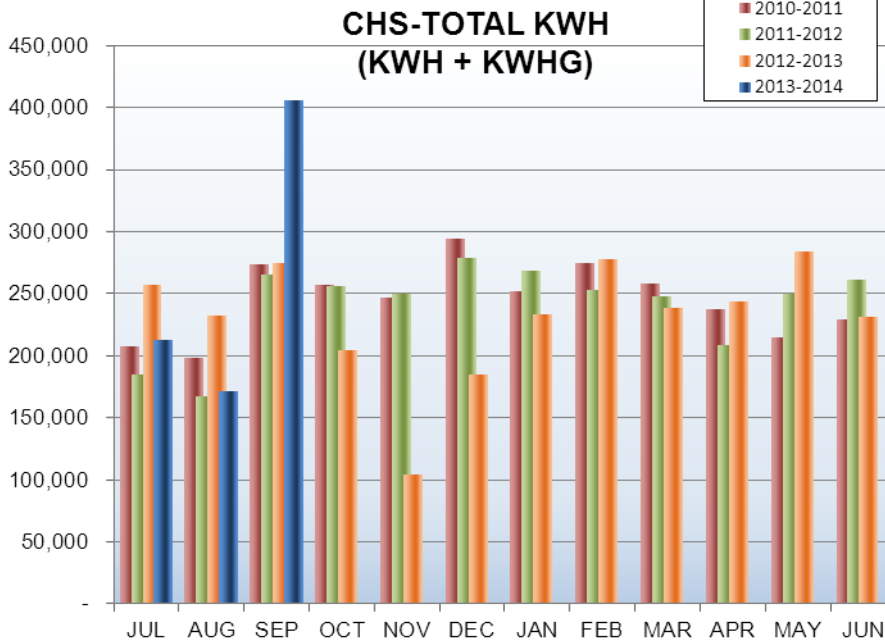
CHS - KWH (BILLED)



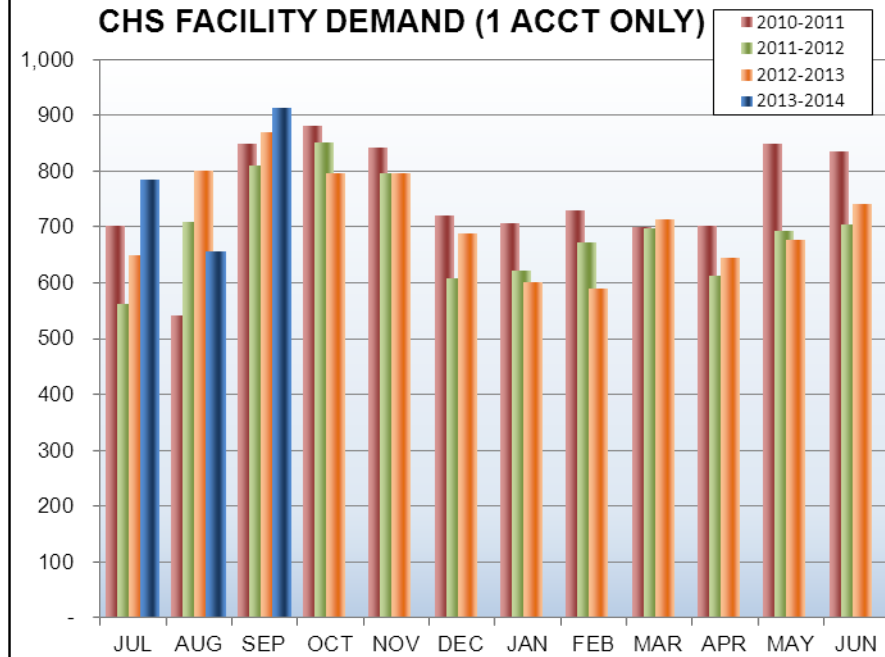
CHS-KWHG (CUSTOMER GENERATED)

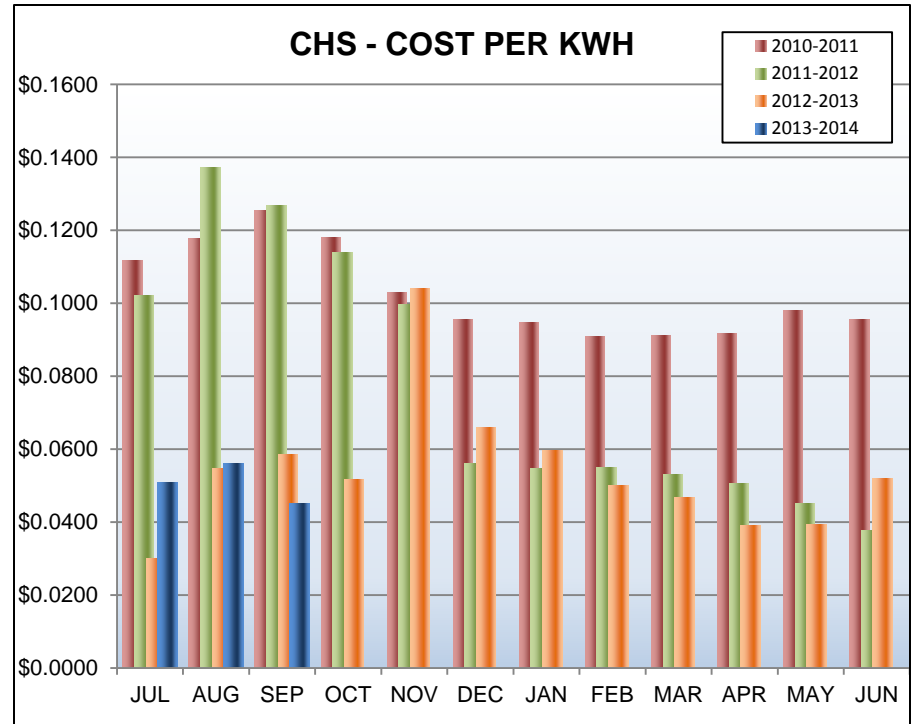
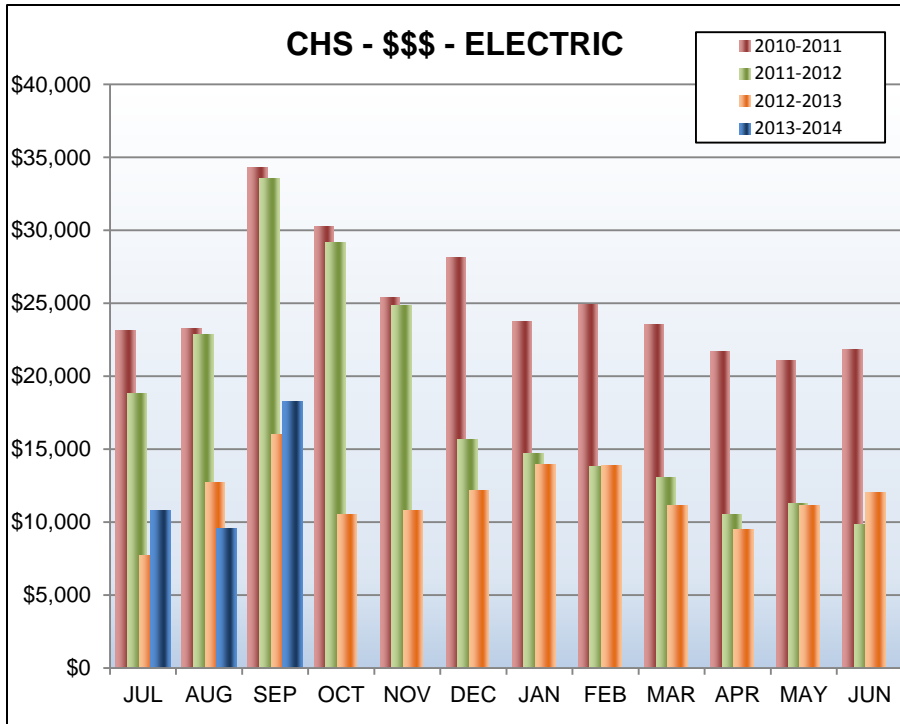


CHS-TOTAL KWH (KWH + KWHG)



CHS FACILITY DEMAND (1 ACCT ONLY)





| KWH (BILLED) | | | | | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
| 2010-2011 | 206,724 | 197,355 | 273,000 | 256,456 | 246,764 | 294,251 | 251,085 | 273,828 | 258,090 | 236,601 | 214,493 | 228,903 | 2,937,550 |
| 2011-2012 | 184,403 | 166,927 | 264,759 | 255,899 | 186,438 | 166,000 | 152,400 | 127,600 | 112,000 | 85,600 | 83,600 | 64,800 | 1,850,426 |
| 2012-2013 | 38,800 | 37,600 | 75,600 | 57,200 | 73,200 | 104,400 | 143,200 | 142,800 | 85,600 | 67,200 | 90,000 | 97,200 | 1,012,800 |
| 2013-2014 | 69,200 | 37,200 | 76,400 | - | - | - | - | - | - | - | - | - | 182,800 |

| KWHG (CUSTOMER GENERATED) | | | | | | | | | | | | | |
|---------------------------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|-----------|
| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
| 2010-2011 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2011-2012 | - | - | - | - | 63,280 | 112,400 | 115,760 | 124,400 | 134,880 | 122,160 | 165,840 | 196,240 | 1,034,960 |
| 2012-2013 | 217,680 | 194,000 | 198,320 | 146,320 | 30,720 | 79,760 | 89,920 | 134,960 | 152,720 | 175,600 | 193,200 | 134,080 | 1,747,280 |
| 2013-2014 | 143,120 | 134,160 | 328,640 | - | - | - | - | - | - | - | - | - | 605,920 |

| TOTAL KWH (KWH + KWHG) | | | | | | | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
| 2010-2011 | 206,724 | 197,355 | 273,000 | 256,456 | 246,764 | 294,251 | 251,085 | 273,828 | 258,090 | 236,601 | 214,493 | 228,903 | 2,937,550 |
| 2011-2012 | 184,403 | 166,927 | 264,759 | 255,899 | 249,718 | 278,400 | 268,160 | 252,000 | 246,880 | 207,760 | 249,440 | 261,040 | 2,885,386 |
| 2012-2013 | 256,480 | 231,600 | 273,920 | 203,520 | 103,920 | 184,160 | 233,120 | 277,760 | 238,320 | 242,800 | 283,200 | 231,280 | 2,760,080 |
| 2013-2014 | 212,320 | 171,360 | 405,040 | - | - | - | - | - | - | - | - | - | 788,720 |

| ELECTRIC \$\$\$ BY MONTH | | | | | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
| 2010-2011 | \$ 23,100 | \$ 23,241 | \$ 34,276 | \$ 30,289 | \$ 25,395 | \$ 28,129 | \$ 23,781 | \$ 24,884 | \$ 23,537 | \$ 21,680 | \$ 21,049 | \$ 21,852 | \$ 301,214 |
| 2011-2012 | \$ 18,811 | \$ 22,888 | \$ 33,551 | \$ 29,147 | \$ 24,879 | \$ 15,640 | \$ 14,695 | \$ 13,832 | \$ 13,084 | \$ 10,521 | \$ 11,278 | \$ 9,842 | \$ 218,167 |
| 2012-2013 | \$ 7,692 | \$ 12,694 | \$ 16,012 | \$ 10,541 | \$ 10,800 | \$ 12,160 | \$ 13,923 | \$ 13,883 | \$ 11,111 | \$ 9,467 | \$ 11,120 | \$ 12,006 | \$ 141,409 |
| 2013-2014 | \$ 10,781 | \$ 9,588 | \$ 18,237 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 38,606 |

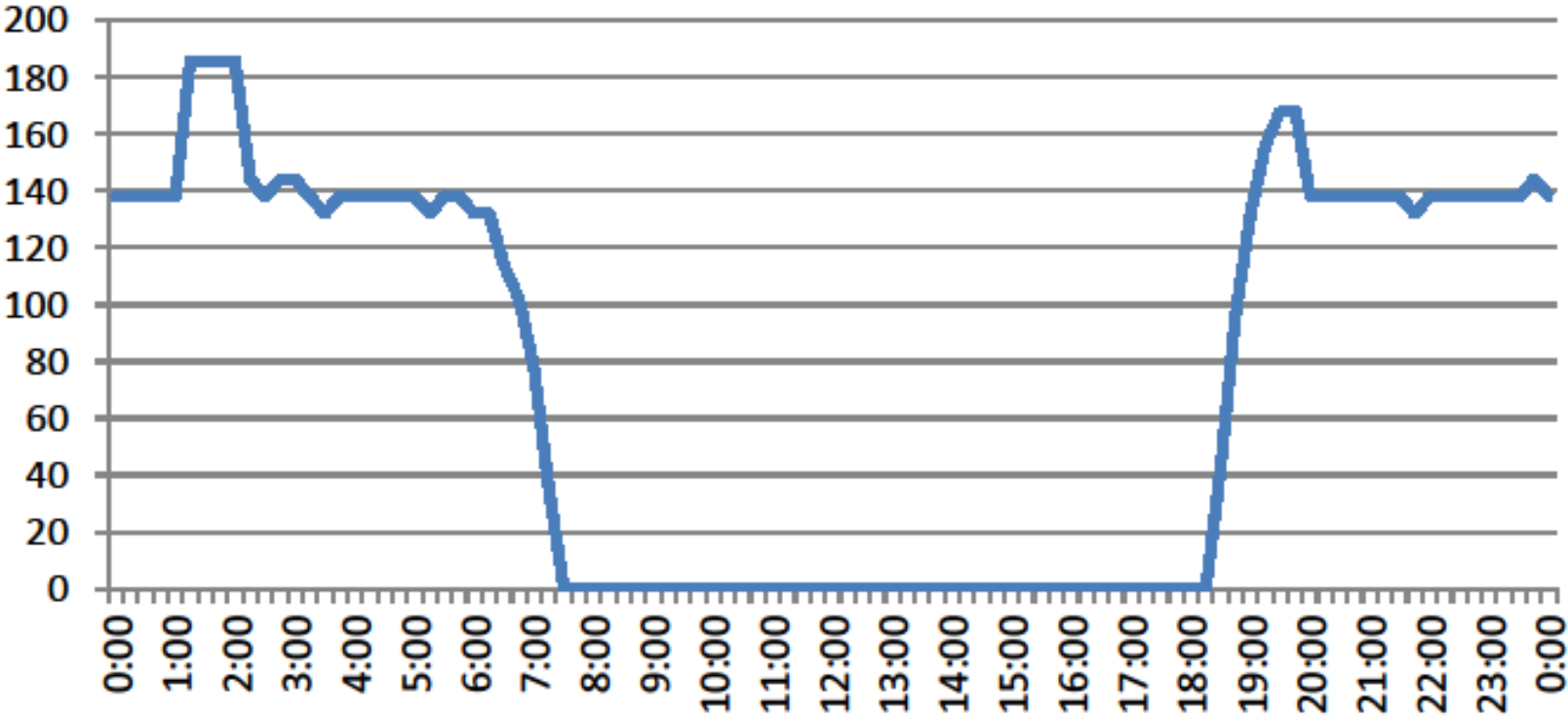
| COST PER KWH | | | | | | | | | | | | | |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | AVERAGE |
| 2010-2011 | \$ 0.1117 | \$ 0.1178 | \$ 0.1256 | \$ 0.1181 | \$ 0.1029 | \$ 0.0956 | \$ 0.0947 | \$ 0.0909 | \$ 0.0912 | \$ 0.0916 | \$ 0.0981 | \$ 0.0955 | \$ 0.1025 |
| 2011-2012 | \$ 0.1020 | \$ 0.1371 | \$ 0.1267 | \$ 0.1139 | \$ 0.0996 | \$ 0.0562 | \$ 0.0548 | \$ 0.0549 | \$ 0.0530 | \$ 0.0506 | \$ 0.0452 | \$ 0.0377 | \$ 0.1179 |
| 2012-2013 | \$ 0.0300 | \$ 0.0548 | \$ 0.0585 | \$ 0.0518 | \$ 0.1039 | \$ 0.0660 | \$ 0.0597 | \$ 0.0500 | \$ 0.0466 | \$ 0.0390 | \$ 0.0393 | \$ 0.0519 | \$ 0.1396 |
| 2013-2014 | \$ 0.0508 | \$ 0.0560 | \$ 0.0450 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 0.2112 |

| FACILITY DEMAND BY MONTH | | | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | MAX |
| 2010-2011 | 701 | 541 | 849 | 879 | 842 | 720 | 705 | 729 | 699 | 701 | 848 | 834 | 879 |
| 2011-2012 | 562 | 707 | 810 | 851 | 795 | 608 | 620 | 672 | 696 | 612 | 692 | 704 | 851 |
| 2012-2013 | 648 | 800 | 868 | 796 | 796 | 688 | 600 | 588 | 712 | 644 | 676 | 740 | 868 |
| 2013-2014 | 784 | 656 | 912 | - | - | - | - | - | - | - | - | - | 912 |

| SOLAR SAVINGS ESTIMATE | | | | | | | | | | | | | |
|------------------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
| 2010-2011 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2011-2012 | \$ - | \$ - | \$ - | \$ - | \$ 4,228.76 | \$ 7,511.27 | \$ 11,873.07 | \$ 12,759.24 | \$ 13,834.13 | \$ 8,163.49 | \$ 11,082.46 | \$ 13,113.98 | \$ 82,566.41 |
| 2012-2013 | \$ 14,546.73 | \$ 12,964.29 | \$ 13,252.98 | \$ 9,778.01 | \$ 2,052.90 | \$ 5,330.06 | \$ 9,222.76 | \$ 13,842.34 | \$ 15,663.92 | \$ 11,734.69 | \$ 12,910.83 | \$ 8,960.06 | \$ 130,259.56 |
| 2013-2014 | \$ 9,564.17 | \$ 8,965.41 | \$ 21,961.77 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 40,491.35 |

| YEAR-TO-DATE SUMMARY | | | | | | |
|----------------------|-----------------------|-----------------------|------------------------|--------------------------|--|--|
| | 2013-2014 THRU SEP | 2012-2013 THRU SEP | INCREASE (DECREASE) | % INCREASE (DECREASE) | EXPLANATION | |
| CONSUMPTION | 182,800 | 152,000 | 30,800 | 20.3% | Electric costs increased by 6.1% due to a 20.3% increase in consumption coupled with a | |
| DOLLARS | \$ 38,606 | \$ 36,398 | \$ 2,208 | 6.1% | -11.8% decrease in the effective rate. | |
| AVERAGE COST PER KWH | \$ 0.2112 | \$ 0.2395 | \$ (0.0283) | -11.8% | An important piece of evaluating changes in consumption is the impact of weather. Year-to-date cooling degree days have increased by 0.6%. | |

Carson High School Demand



About this Project

Electrical Usage

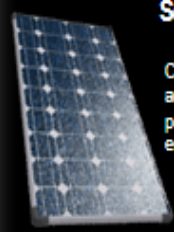
Solar Power Meter

Weather Forecast

Carson High School



Current Temperature 60.60 °F



Solar Power Meter

Carson City High School has five acres of dedicated photovoltaic panels generating renewable energy.

Electricity is measured here in Kilowatts & Kilowatt Hours



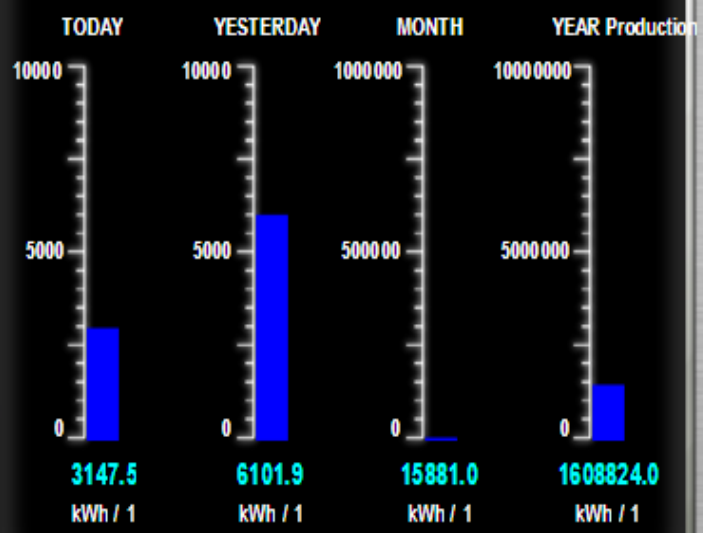
Current Generation

ELECTRICAL

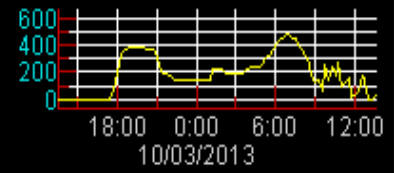
891.0

kW / 1

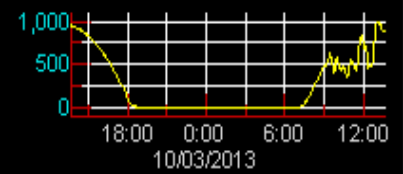
Electrical Generation Record



Power Demand



Solar Demand





Operating a 1500 watt electric heater from 8 AM to 5 PM, 5 days per week, from October through March adds over 1600 pounds of carbon emissions.



SmallerFootprints EnergyVu Dashboard









| SITE | ACCOUNT | 08-09 | 09-10 | 10-11 | 11-12 | 12-13 | |
|-------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---|
| TRANSPORTATION | WATER/SEWAGE | \$ 598.64 | \$505.11 | \$ 3,857.76 | \$ 775.78 | \$ 999.43 | |
| TRANSPORTATION | GARBAGE | \$ 1,792.93 | \$1,863.12 | \$ 1,908.19 | \$ 1,955.82 | \$ 1,841.15 | |
| TRANSPORTATION | NATURAL GAS | \$ 6,975.95 | \$7,133.64 | \$ 6,142.24 | \$ 4,381.10 | \$ 3,375.52 | |
| TRANSPORTATION | ELECTRICITY | \$ 41,028.09 | \$42,105.13 | \$ 35,919.05 | \$ 30,830.83 | \$ 31,914.52 | |
| | TOTALS | \$ 50,395.61 | \$ 51,607.00 | \$ 47,827.24 | \$ 37,943.53 | \$ 38,130.62 | |
| BORDEWICH/BRAY ELEMENTARY | WATER/SEWAGE | \$ 15,370.42 | \$14,115.55 | \$ 22,452.47 | \$ 25,550.49 | \$ 37,393.34 | |
| BORDEWICH/BRAY ELEMENTARY | GARBAGE | \$ 13,692.05 | \$18,314.09 | \$ 18,998.15 | \$ 19,250.86 | \$ 18,121.83 | |
| BORDEWICH/BRAY ELEMENTARY | NATURAL GAS | \$ 15,487.48 | \$17,000.00 | \$ 14,280.41 | \$ 11,819.47 | \$ 9,437.87 | |
| BORDEWICH/BRAY- SSS | NATURAL GAS | \$ 3,043.18 | \$3,107.16 | \$ 2,673.91 | \$ 2,115.20 | \$ 2,191.71 | |
| BORDEWICH/BRAY ELEMENTARY | ELECTRICITY | \$ 75,998.59 | \$58,770.77 | \$ 51,748.57 | \$ 48,281.69 | \$ 43,719.64 | |
| BORDEWICH/BRAY- SSS | ELECTRICITY | \$ 18,986.45 | \$16,258.40 | \$ 12,926.51 | \$ 11,380.02 | \$ 12,592.34 | |
| | TOTALS | \$ 142,578.17 | \$ 127,565.97 | \$ 123,080.02 | \$ 118,397.73 | \$ 123,456.73 | |
| GLEASON - PROFESSIONAL CENTER | WATER/SEWAGE | \$ 1,179.28 | \$983.19 | \$ 1,796.71 | \$ 1,597.79 | \$ 1,900.45 | |
| GLEASON - PROFESSIONAL CENTER | GARBAGE | \$ 2,076.53 | \$2,358.00 | \$ 2,210.08 | \$ 2,265.25 | \$ 2,132.39 | |
| GLEASON - PROFESSIONAL CENTER | NATURAL GAS | \$ 4,077.92 | \$3,956.07 | \$ 3,217.28 | \$ 2,455.80 | \$ 2,418.45 | |
| GLEASON - PROFESSIONAL CENTER | ELECTRICITY | \$ 10,064.77 | \$7,168.78 | \$ 6,149.79 | \$ 5,792.20 | \$ 5,664.16 | |
| | TOTALS | \$ 17,398.50 | \$ 14,466.04 | \$ 13,373.86 | \$ 12,111.04 | \$ 12,115.45 | |
| FRITSCH ELEMENTARY | WATER/SEWAGE | \$ 18,170.55 | \$13,780.82 | \$ 21,383.60 | \$ 25,745.79 | \$ 28,635.84 | |
| FRITSCH ELEMENTARY | GARBAGE | \$ 16,151.51 | \$18,797.49 | \$ 17,752.28 | \$ 18,234.24 | \$ 17,058.63 | |
| FRITSCH ELEMENTARY | NATURAL GAS | \$ 14,928.49 | \$15,908.45 | \$ 14,964.93 | \$ 12,530.41 | \$ 10,747.66 | |
| FRITSCH ELEMENTARY | ELECTRICITY | \$ 87,628.15 | \$59,446.35 | \$ 55,956.83 | \$ 48,877.35 | \$ 45,602.49 |  |
| | TOTALS | \$ 136,878.70 | \$ 107,933.11 | \$ 110,057.64 | \$ 105,387.79 | \$ 102,044.62 | |
| FREMONT ELEMENTARY | WATER/SEWAGE | \$ 13,248.54 | \$12,343.27 | \$ 21,873.52 | \$ 21,679.98 | \$ 20,571.56 | |
| FREMONT ELEMENTARY | GARBAGE | \$ 15,413.59 | \$16,630.83 | \$ 16,993.69 | \$ 17,085.60 | \$ 16,121.44 | |
| FREMONT ELEMENTARY | NATURAL GAS | \$ 11,287.72 | \$10,200.92 | \$ 13,743.04 | \$ 8,498.66 | \$ 7,054.35 | |
| FREMONT ELEMENTARY | ELECTRICITY | \$ 102,754.80 | \$76,832.57 | \$ 69,314.78 | \$ 61,466.84 | \$ 62,708.31 | |
| | TOTALS | \$ 142,704.65 | \$ 116,007.59 | \$ 121,925.03 | \$ 108,731.08 | \$ 106,455.66 | \$ 1.80 |
| SEELIGER ELEMENTARY | WATER/SEWAGE | \$ 25,254.17 | \$19,533.71 | \$ 31,701.88 | \$ 34,670.05 | \$ 29,358.92 | |
| SEELIGER ELEMENTARY | GARBAGE | \$ 9,701.68 | \$10,704.38 | \$ 11,273.00 | \$ 10,090.32 | \$ 10,921.96 | |
| SEELIGER ELEMENTARY | NATURAL GAS | \$ 12,940.41 | \$12,357.27 | \$ 12,302.81 | \$ 9,889.07 | \$ 9,461.43 | |
| SEELIGER ELEMENTARY | ELECTRICITY | \$ 92,855.55 | \$66,608.25 | \$ 54,234.77 | \$ 25,864.71 | \$ 30,766.20 |  |
| | TOTALS | \$ 140,751.81 | \$ 109,203.61 | \$ 109,512.46 | \$ 80,514.15 | \$ 80,508.51 | |
| EMPIRE ELEMENTARY | WATER/SEWAGE | \$ 8,694.80 | \$12,162.10 | \$ 10,534.10 | \$ 9,347.95 | \$ 10,075.96 | |
| EMPIRE ELEMENTARY | GARBAGE | \$ 15,416.49 | \$16,252.52 | \$ 15,304.20 | \$ 17,469.11 | \$ 16,151.81 | |
| EMPIRE ELEMENTARY | NATURAL GAS | \$ 15,309.80 | \$14,625.43 | \$ 12,787.36 | \$ 11,351.61 | \$ 5,741.37 | |
| EMPIRE ELEMENTARY | ELECTRICITY | \$ 73,797.21 | \$76,838.62 | \$ 63,885.29 | \$ 43,153.33 | \$ 44,821.47 | |
| | TOTALS | \$ 113,218.30 | \$ 119,878.67 | \$ 102,510.95 | \$ 81,322.00 | \$ 76,790.61 | |

| | | | | | | | |
|---------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|
| MARK TWAIN ELEMENTARY | WATER/SEWAGE | \$ 18,738.11 | \$9,300.41 | \$ 18,001.52 | \$ 18,496.36 | \$ 23,945.51 | |
| MARK TWAIN ELEMENTARY | GARBAGE | \$ 13,237.70 | \$14,620.41 | \$ 15,841.32 | \$ 15,855.97 | \$ 14,206.86 | |
| MARK TWAIN ELEMENTARY | NATURAL GAS | \$ 7,628.78 | \$7,187.12 | \$ 6,803.73 | \$ 6,633.37 | \$ 6,495.21 | |
| MARK TWAIN ELEMENTARY | ELECTRICITY | \$ 115,172.40 | \$92,394.25 | \$ 62,940.02 | \$ 74,215.12 | \$ 67,546.49 | |
| | TOTALS | \$ 154,776.99 | \$ 123,502.19 | \$ 103,586.59 | \$ 115,200.82 | \$ 112,194.07 | \$ 1.69 |
| CARSON MIDDLE SCHOOL | WATER/SEWAGE | \$ 38,062.91 | \$32,281.09 | \$ 43,466.10 | \$ 49,084.44 | \$ 58,241.59 | |
| CARSON MIDDLE SCHOOL | GARBAGE | \$ 13,878.29 | \$12,971.73 | \$ 8,014.49 | \$ 7,024.22 | \$ 6,914.31 | |
| CARSON MIDDLE SCHOOL | NATURAL GAS | \$ 48,830.29 | \$48,050.43 | \$ 41,651.28 | \$ 31,404.99 | \$ 23,479.92 | |
| CARSON MIDDLE SCHOOL | ELECTRICITY | \$ 170,700.26 | \$129,317.90 | \$ 106,425.76 | \$ 98,774.65 | \$ 49,298.39 | ☀ |
| | TOTALS | \$ 271,471.75 | \$ 222,621.15 | \$ 199,557.63 | \$ 186,288.30 | \$ 137,934.21 | \$ 0.94 |
| EAGLE VALLEY MIDDLE SCHOOL | WATER/SEWAGE | \$ 45,671.09 | \$30,012.31 | \$ 52,853.56 | \$ 41,725.12 | \$ 63,011.33 | |
| EAGLE VALLEY MIDDLE SCHOOL | GARBAGE | \$ 9,333.88 | \$8,743.35 | \$ 8,867.60 | \$ 9,211.85 | \$ 11,153.64 | |
| EAGLE VALLEY MIDDLE SCHOOL | NATURAL GAS | \$ 22,633.70 | \$24,489.31 | \$ 24,675.79 | \$ 17,548.86 | \$ 10,797.23 | |
| EAGLE VALLEY MIDDLE SCHOOL | ELECTRICITY | \$ 113,666.41 | \$80,492.31 | \$ 70,834.72 | \$ 45,932.44 | \$ 26,739.79 | ☀ |
| | TOTALS | \$ 191,305.08 | \$ 143,737.28 | \$ 157,231.67 | \$ 114,418.27 | \$ 111,701.99 | |
| CARSON HIGH SCHOOL | WATER/SEWAGE | \$ 48,637.83 | \$32,765.05 | \$ 57,471.41 | \$ 59,795.00 | \$ 65,094.90 | |
| CARSON HIGH SCHOOL | GARBAGE | \$ 38,197.36 | \$25,340.66 | \$ 21,511.66 | \$ 23,026.89 | \$ 23,756.90 | |
| CARSON HIGH SCHOOL | NATURAL GAS | \$ 74,228.48 | \$78,349.20 | \$ 68,096.55 | \$ 57,667.09 | \$ 43,226.72 | |
| CARSON HIGH SCHOOL | ELECTRICITY | \$ 383,476.05 | \$369,106.05 | \$ 291,936.87 | \$ 218,167.00 | \$ 137,102.57 | ☀ |
| | TOTALS | \$ 544,539.72 | \$ 505,560.96 | \$ 439,016.49 | \$ 358,655.98 | \$ 269,181.09 | \$ 0.82 |
| CORBETT CAMPUS | WATER/SEWAGE | \$ 3,631.70 | \$4,772.61 | \$ 7,924.71 | \$ 6,879.68 | \$ 7,935.39 | |
| CORBETT CAMPUS | GARBAGE | \$ 616.88 | \$3,236.01 | \$ 3,319.40 | \$ 3,397.13 | \$ 3,197.91 | |
| CORBETT CAMPUS | NATURAL GAS | \$ 5,655.05 | \$8,460.63 | \$ 6,921.61 | \$ 7,107.09 | \$ 5,557.31 | |
| CORBETT CAMPUS | ELECTRICITY | \$ 16,469.33 | \$28,289.65 | \$ 29,864.08 | \$ 24,000.49 | \$ 24,729.25 | |
| | TOTALS | \$ 26,372.96 | \$ 44,758.90 | \$ 48,029.80 | \$ 41,384.39 | \$ 41,419.86 | \$ 1.83 |
| ADMINISTRATION BUILDING | GARBAGE | \$ 1,845.87 | \$3,236.08 | \$ 3,166.36 | \$ 4,942.59 | \$ 4,059.49 | |
| ADMINISTRATION BUILDING | NATURAL GAS | \$ 10,557.45 | \$11,785.15 | \$ 10,162.19 | \$ 8,815.96 | \$ 6,655.50 | |
| ADMINISTRATION BUILDING | ELECTRICITY | \$ 31,720.69 | \$26,552.96 | \$ 24,082.82 | \$ 27,619.43 | \$ 27,304.94 | |
| Grounds Maintenance | GARBAGE | \$ 1,068.75 | \$1,107.03 | \$ 2,053.15 | \$ 2,464.93 | \$ 1,586.04 | |
| MAINTENANCE COMPLEX | NATURAL GAS | \$ 2,132.89 | \$2,404.46 | \$ 2,436.24 | \$ 1,786.92 | \$ 1,716.99 | |
| MAINTENANCE COMPLEX | ELECTRICITY | \$ 2,198.70 | \$1,077.18 | \$ 1,117.90 | \$ 390.51 | | |
| OPERATION'S & MATERIAL SERVICES | WATER/SEWAGE | \$ 572.63 | \$540.00 | \$ 891.04 | \$ 1,510.20 | \$ 951.62 | |
| OPERATION'S & MATERIAL SERVICES | GARBAGE | \$ 1,836.43 | \$1,868.50 | \$ 2,248.75 | \$ 2,746.48 | \$ 2,360.88 | |
| | TOTALS | \$ 51,933.41 | \$ 48,571.36 | \$ 46,158.45 | \$ 50,277.02 | \$ 44,635.46 | |
| | WATER/SEWAGE | \$ 237,830.67 | \$ 183,095.22 | \$ 294,208.38 | \$ 296,858.63 | \$ 348,115.84 | |
| | GARBAGE | \$ 154,259.94 | \$ 156,044.20 | \$ 149,462.32 | \$ 155,021.26 | \$ 149,585.24 | |
| | NATURAL GAS | \$ 255,717.59 | \$ 265,015.24 | \$ 240,859.37 | \$ 194,005.60 | \$ 148,357.24 | |
| | ELECTRICITY | \$ 1,336,517.45 | \$ 1,131,259.17 | \$ 937,337.76 | \$ 764,746.61 | \$ 610,510.56 | |
| | GRAND TOTAL | \$ 1,984,325.65 | \$ 1,735,413.83 | \$ 1,621,867.83 | \$ 1,410,632.10 | \$ 1,256,568.88 | |
| | SAVINGS per year | | \$ 248,911.82 | \$ 113,546.00 | \$ 211,235.73 | \$ 154,063.22 | |

RECENT ENERGY RETROFIT & UPGRADE PROJECTS



- High Efficiency Transformer replacements – 8/2012
- 50 kw PV array on new EVMS gym (rebate will pay for entire cost of install) – 10/2012
- Power quality review at CHS – 1/2013
- Daylight Seeliger MPR & Transformer - 4-2013 
- Bordewich roof re-coat – 7/2013 
- Induction Lighting Transportation & CMS – 8/2013 
- LED lighting project Fremont ES – in progress 
- Various energy audits, assessments and upgrades districtwide – on-going

REBATES



- Rebates paid by NV Energy to CCSD in 2012 - \$2007.51
- Southwest Gas - \$5825

- 2013 - TBD

Comments / Questions

HOW TO READ YOUR CHILD'S SCHOOL REPORT CARD

This document is designed to help you understand and use the information in your child's School Report Card prepared by the Nevada Department of Education. As you view the report cards, in some tables you will note "N/A" or "*" indicating that population or data is not available. Additionally, in any group where the number of students is less than 10 (and corresponding percentages), actual values are not displayed due to federal regulations (FERPA). In such cases "-" is used.

1. The Heading of Your School's Report Card

| | |
|--|---|
| 2012 - 2013 School Accountability Summary Report | |
| Al Seeliger Elementary School Carson City School District 2800 South Saliman Road Carson City, NV 89706 Ph: 775-283-2200 Fax: 775-283-2290 Paula Zona, Principal Website: www.carsoncityschools.com |  |

The heading of your child's school report card contains all the contact information you might need if you have questions or concerns about report card information. It shows which school district your school belongs to, school address, principal's name, grade levels and its website address.

2. Narratives of Your School's Report Card

| |
|--|
| <p>Mission Statement Al Seeliger Elementary School is providing a successful, meaningful, fulfilling, and comprehensive education for all students in order to direct them to productive and meaningful lives as American citizens.</p> <p>Al Seeliger Elementary School promotes a comprehensive learning environment that maximizes student development and achievement for an increasingly diverse population.</p> <p>Principal's Highlights Seeliger Elementary School staff continued to be dedicated to providing the best instructional strategies in a caring environment in order to help our students succeed and achieve. This year:</p> <ul style="list-style-type: none">• Teachers analyzed student assessment and achievement data to help students achieve in reading, writing and mathematics.• Teachers reviewed and revised the school improvement plan. Goals were identified in reading/language arts and math.• Teachers continued to collaborate on student data and achievement during weekly Professional Learning Communities.• Staff members and PTO hosted various Family Nights increasing parental communication and participation.• Students participated in Yearbook Club, Spelling Bee, Science Fair, band/chorus, chess club, and D.A.R.E.• Students Leadership was involved in many school, family, and community related activities.• Students were recognized for achievement in academics, attendance, and positive behavior.• Teachers took district professional development courses and workshops that focused on High Quality Sheltered Instruction. <p>Goals and Objectives</p> <p>Goal 1 Seeliger students will improve their achievement by 5% in English Language Arts.</p> <p>Objective(s): On average, K-2 students will increase MAP scores to reflect a 3% increase in their RIT score from fall to spring. On average, 3-5 students will increase CRT scores to reflect a 5% increase. Teachers will assess current skills of students and establish goals.</p> <p>Goal 2 Seeliger students will improve their achievement by 3% in Mathematics.</p> <p>Objective(s): On average, K-2 students will increase MAP scores to reflect a 3% increase in their RIT score from fall to spring. On average, 3-5 students will increase CRT scores to reflect a 3% increase. Teachers will assess current skills of students and establish goals.</p> <p>School Communication Efforts Seeliger provides for regular two-way and meaningful communication with parents and families through a variety of ways. The school creates a monthly newsletter that is sent home in the homework folder and provided via email to interested families. Teachers send home weekly/monthly classroom newsletters and correspond via email and phone with parents. Our marquee provides announcements to passersby of activities and events occurring at school. Parents are invited to participate in a variety of activities including: Parent Teacher Organization, School Improvement Committee, family evenings, and volunteering in the classroom. Parent survey information is collected to provide information on parent perceptions on various aspects of the school and program. The school improvement committee uses this information to help determine areas in need of growth.</p> |
|--|

Narrative section of your school’s report card starts with the “Mission Statement” of the school, which expresses the school’s purpose – why the school exists. Other narratives in this section are “Principal’s Highlights” and “Goals and Objectives”. Altogether, this section gives information about unique school characteristics, and tells what the school wants to do, how they know if they are succeeding, and what they will do to ensure success.

3. Demographics and Student Information

Demographics and Student Information

Data are provided by the Nevada Department of Education from the state student information system. Gender, race/ethnicity, and special student populations are reported as of count day.

| Name | Ethnicity | | | | | | | | | | | | Gender | | | | | |
|-------------------------------|------------------|-------|-------|-------|----------|--------|-------|-------|--------|--------|------------------|-------|-------------------|-------|--------|--------|--------|--------|
| | Am In/ AK Native | | Asian | | Hispanic | | Black | | White | | Pacific Islander | | Two or More Races | | Male | | Female | |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| State | 4961 | 1.11% | 25243 | 5.67% | 178081 | 39.98% | 43338 | 9.73% | 163736 | 36.76% | 5744 | 1.29% | 24276 | 5.45% | 229110 | 51.44% | 216270 | 48.56% |
| Carson City | 174 | 2.31% | 128 | 1.70% | 3076 | 40.77% | 49 | 0.65% | 3865 | 51.23% | 19 | 0.25% | 234 | 3.10% | 3810 | 50.50% | 3735 | 49.50% |
| Al Seeliger Elementary School | 31 | 5.34% | - | - | 149 | 25.65% | - | - | 378 | 65.06% | - | - | 11 | 1.89% | 292 | 50.26% | 289 | 49.74% |

Special Populations

| Name | Special Populations | | | | | | | |
|-------------------------------|---------------------|--------|-------|--------|--------|--------|---------|-------|
| | IEP | | ELL | | FRL | | Migrant | |
| | # | % | # | % | # | % | # | % |
| State | 49102 | 11.02% | 66396 | 14.91% | 222324 | 49.92% | 96 | 0.02% |
| Carson City | 902 | 11.95% | 1239 | 16.42% | 4085 | 54.14% | 0 | 0.00% |
| Al Seeliger Elementary School | 79 | 13.60% | 89 | 15.32% | 226 | 38.90% | 0 | 0.00% |

Student Average Daily Attendance (ADA)

Student Average Daily Attendance (ADA) is the percentage of the school enrollment in attendance on an “average school day” as of the 100th day of school.

| Name | Average Daily Attendance | | | | | | | | | | |
|-------------------------------|--------------------------|------------------|--------|----------|--------|--------|------------------|-------------------|--------|--------|--------|
| | All Students | Am In/ AK Native | Asian | Hispanic | Black | White | Pacific Islander | Two or More Races | IEP | ELL | FRL |
| State | 94.40% | 92.80% | 96.60% | 94.40% | 93.00% | 94.40% | 94.10% | 94.60% | 93.10% | 95.10% | 94.00% |
| Carson City | 94.70% | 92.10% | 98.00% | 95.40% | 93.20% | 94.10% | 93.30% | 94.30% | 93.00% | 96.00% | 94.40% |
| Al Seeliger Elementary School | 95.40% | 94.10% | - | 96.20% | - | 95.30% | - | 95.70% | 93.70% | 96.30% | 95.40% |

This section contains “enrollment data” and “average daily attendance” for groups of students in your school, and is disaggregated on the basis of gender, race/ethnicity, disability (IEP), poverty level (FRL), migrant, and English Proficiency (LEP). Third column expresses the average daily attendance rate for school/program, district and State, which is simply the percent of enrollment in attendance on an average school day. Most of the numbers and percentages in your school report card are presented along with the district and state values to help you compare and understand your school’s data. You can use the district and state values as a reference point to chart the place of your school’s relative progress.

4. Transiency, Truancy, and Discipline

Transiency, Truancy, and Discipline

| Name | Transiency | | Discipline | |
|-------------------------------|-------------------|--------------------------------|------------------|--|
| | Transiency Rate** | # of Students | | |
| | | Habitual Disciplinary Problems | Habitual Truants | |
| State | 27.40% | 181 | 2713 | |
| Carson City | 19.40% | 0 | 0 | |
| Al Seeliger Elementary School | 11.30% | 0 | 0 | |

| Name | Discipline | | | | | | |
|-------------------------------|--|-------------------|---------|-----------------------------|---------------------------------------|----------------------------|------------------------------------|
| | # of Incidents (Suspensions or Expulsions) | | | | | | |
| | Violence to Students | Violence to Staff | Weapons | Dist. Controlled Substances | Possession/ Use Controlled Substances | Possession/ Use of Alcohol | Bullying/ Intimidation/ Harassment |
| State | 6623 | 273 | 481 | 158 | 1616 | 364 | 2410 |
| Carson City | 10 | 2 | 9 | 4 | 38 | 10 | 1 |
| Al Seeliger Elementary School | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

This section expresses the transiency rate of the students in your school and the district, number of habitual truants, how many disciplinary incidents happened and how many students were suspended/expelled at your school with a comparison to your school district. If you want to learn what specific behaviors of your child will result in your child's suspension or expulsion, you can consult the Nevada Revised Statute NRS 392.140 and NRS 392.466 or contact your child's school.

5. Retention/Credit Deficiency

Retention/Credit Deficiency

| Name | Retention by Grade | | | | | | | | | | | | | | | | | |
|-------------------------------|--------------------|-------|-----|-------|-----|-------|-----|-------|-----|-------|----|-------|-----|-------|-----|-------|-----|-------|
| | K | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| State | 678 | 1.90% | 963 | 2.70% | 548 | 1.60% | 330 | 1.00% | 163 | 0.50% | 91 | 0.30% | 274 | 0.80% | 538 | 1.60% | 469 | 1.40% |
| Carson City | - | - | - | - | - | - | - | - | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Al Seeliger Elementary School | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | | 0 | | 0 | |

| Name | Credit Deficient | | | | | | | |
|-------------------------------|------------------|-------|------|--------|------|--------|------|--------|
| | 9 | | 10 | | 11 | | 12 | |
| | # | % | # | % | # | % | # | % |
| State | 166 | 0.50% | 7148 | 21.40% | 7053 | 21.70% | 7186 | 22.50% |
| Carson City | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Al Seeliger Elementary School | 0 | | 0 | | 0 | | 0 | |

Retention data tells you the number and percentage of students who were retained in grades K-8 in your school (in this specific example, grades K-5 since this is elementary schools). Credit deficiency table shows the number of students who do not have enough credits to progress to the next grade or graduate, at the high school level.

6. Student Teacher Ratio and Class Size

Student/Teacher Ratio

| Name | Student/ Teacher Ratio | | | | | | | | | |
|-------------------------------|------------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | All Schools+ | Kindergarten++ | 1st Grade | 2nd Grade | 3rd Grade | 4th Grade | 5th Grade | 6th Grade | 7th Grade | 8th Grade |
| State | 23:1 | 25:1 | 20:1 | 21:1 | 22:1 | 27:1 | 27:1 | 26:1 | 24:1 | 23:1 |
| Carson City | 22:1 | 23:1 | 17:1 | 17:1 | 21:1 | 24:1 | 20:1 | 28:1 | 26:1 | 26:1 |
| Al Seeliger Elementary School | 19:1 | 17:1 | 18:1 | 16:1 | 19:1 | 23:1 | 6:1 | N/A | N/A | N/A |

Average Class Size

Average Class Size is listed for all classes where students rotate to different teachers for different subjects.

| Name | Average Class Size | | | |
|--------------------|--------------------|-------------|---------|----------------|
| | English | Mathematics | Science | Social Studies |
| State | 24 | 24 | 26 | 26 |
| Carson City | 24 | 24 | 23 | 13 |
| Carson High School | 23 | 22 | 22 | 1 |

In this section, you'll find information about your school's student to teacher ratio and the average class size. Student to teacher ratio is provided for each grade level for the elementary schools, whereas for secondary schools, average class size is listed for each core academic subject. Class size is important because it may influence the one-on-one attention that teachers provide to students, as well as the discipline level in the classroom. You can compare your school's class size and student to teacher ratio with those in your district.

For instance, the upper snapshot is for an elementary school: it tells that for the first grade there is 1 teacher for every 18 student in that school whereas the average for the district is 1 teacher for every 22 students. The lower snapshot is from a secondary school report, and is showing the number of students in core subjects. More specifically, for this particular secondary school, average class size for an English class is 23 whereas it is 24 in the district.

7. Summary of Standards-Based Test Performance

| K-8 | Reading | | | | Writing | | | | Mathematics | | | | Science | | | |
|-------------------------------|---------|-----|-----|-----|---------|-----|-----|-----|-------------|-----|-----|-----|---------|-----|-----|-----|
| | ED | AS | MS | ES | ED | AS | MS | ES | ED | AS | MS | ES | ED | AS | MS | ES |
| State | 18% | 20% | 37% | 25% | 45% | 19% | 29% | 7% | 18% | 23% | 45% | 14% | 19% | 23% | 41% | 16% |
| Carson City | 15% | 19% | 40% | 25% | 63% | 13% | 13% | 13% | 15% | 28% | 45% | 12% | 15% | 25% | 42% | 18% |
| Al Seeliger Elementary School | 12% | 12% | 47% | 29% | 0% | 0% | 0% | 0% | 7% | 16% | 57% | 21% | 7% | 12% | 62% | 19% |

This section provides information about how your school is doing on the criterion referenced tests, as well as your district and the state. It doesn't show the grade specific assessment results in your school, but just the compilation of test results for grades available in this school. For grade specific results, you should visit the Nevada Report Card Website at www.nevadareportcard.com. The CRT test is an overall measure of achievement as well as a measure of mastery in the basic skills of reading, writing, mathematics and science. These tests are designed to measure important learning outcomes of the school curriculum and identify students who might require additional assistance in order to maintain academic progress through their elementary and secondary school.

Student achievement is broken down into four levels of proficiency:

- “ED” Emergency/Developing: Student occasionally/does not apply skills/strategies and requires extensive remediation.
- “AS” Approaches Standard: Student inconsistently/incompletely applies skills/strategies and requires targeted remediation
- “MS” Meets Standard: Student consistently applies skills/strategies without need for remediation
- “ES” Exceeds Standard: Student comprehensively/consistently applies and generalizes skills/strategies in a variety of situations.

8. Per-Pupil Expenditures

Per-Pupil Expenditures 2011-2012

The Nevada Department of Education in consultation with InSite adjusted the formula used to calculate per pupil expenditures beginning with the 2009-2010 Annual Reports of Accountability. Therefore, we have two appropriate comparisons sets; comparisons 2003 -04 SY through 2008-09 SY and comparisons of 2009-10 SY and forward.
 Al Seeliger Elementary School Total Cost Per Pupil = \$8555 District Total Cost Per Pupil = \$9780

| Name | Per Pupil Expenditures | | | | | | | | | |
|-------------------------------|------------------------|--------|---------------------|--------|------------|--------|------------|-------|--------------------|---------|
| | Instruction | | Instruction Support | | Operations | | Leadership | | Total Expenditures | |
| | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % |
| Carson City | \$5,815.00 | 59.50% | \$1,419.00 | 14.50% | \$1,991.00 | 20.40% | \$554.00 | 5.70% | \$9,780.00 | 100.00% |
| Al Seeliger Elementary School | \$5,521.00 | 64.50% | \$1,166.00 | 13.60% | \$1,393.00 | 16.30% | \$475.00 | 5.60% | \$8,555.00 | 100.00% |

This section shows how much money your school spends per student, and you can compare the distribution of spendings with your district. These figures will reflect the total expenditure per student from the previous school year, because such information for the current school year is not available in time for reporting. For details on the types of spending please check the accountability terminology page at <http://nvreportcardtest.doe.nv.gov/DI/Help/Glossary>.

9. Personnel Information

Personnel Information

Classes Not Taught by Highly Qualified Teachers

Highly qualified teachers hold a minimum of a bachelor's degree, are licensed to teach in the State of Nevada, and have demonstrated competence in their teaching area. Data were obtained from the Office of Teacher Licensure as of May 2013.

| Name | Teachers Core Subject Classes Not Taught by Highly Qualified Teachers | | | | | | | Core Subject Classes Poverty Level |
|-------------------------------|--|-------------|---------|-------------------|----------------------|-------|------------|---------------------------------------|
| | English/ Reading/ Lang. Arts | Mathematics | Science | Social Studies | Foreign Languages | Arts | Elementary | |
| | % | % | % | % | % | % | % | |
| State | 4.00% | 4.50% | 3.30% | 3.30% | 1.00% | 1.70% | 3.60% | |
| Carson City | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| Al Seeliger Elementary School | N/A | N/A | N/A | N/A | N/A | N/A | 0.00% | |

Teacher ADA and Licensure Information

| Name | Teachers | | | |
|-------------------------------|--------------------------|--------------------------------|----------------------|--------------------|
| | Average Daily Attendance | Teachers Providing Instruction | | |
| | Average Daily Attendance | # Pursuant to NRS 391.125 | # Pursuant to Waiver | # w/ o Endorsement |
| State | 95.70% | 1284 | 7 | 32 |
| Carson City | 94.80% | 1 | 0 | 2 |
| Al Seeliger Elementary School | 94.10% | 0 | 0 | 0 |

This section provides information to help you understand the overall quality of the teachers working in your child's school as well as the district and the state. The federal law "No Child Left Behind" requires that every teacher assigned to a core academic area (reading, language arts, mathematics, science, social science, foreign language, arts) demonstrate the highly qualified teacher "HQT" status appropriate to their assignments. Teachers, including elementary education, special education, alternative education, gifted education and ESL, who teach one more classes in any of these areas in

grades K-12 must meet the HQT requirement. To be “highly qualified” means that all teachers who teach core academic subjects must hold at minimum a bachelor’s degree; have “full state certification” (i.e. state licensure) in each assigned core area; and demonstrate competency in each assigned core area. For more information please check the website at [http://www.doe.nv.gov/NCLB Highly Qualified Teacher/](http://www.doe.nv.gov/NCLB_Highly_Qualified_Teacher/) for details on HQT definition.

Besides the HQT information, teacher average daily attendance and licensure information is also provided in this section. You can learn the teacher average daily attendance (ADA) which is the percentage of licensed educators in your school, as well as the district and state, who provide instruction to students in a classroom on an average school day.

10. Parent/Teacher Conference Participation

Parent/Teacher Conference Participation

| Name | Year | Parent/ Teacher Conference Attendance |
|-------------------------------|------|---------------------------------------|
| | | Attendance |
| Al Seeliger Elementary School | 2012 | 99.00% |
| Al Seeliger Elementary School | 2013 | 97.00% |
| Seeliger ES | 2011 | 96.40% |

This section provides information about the attendance rate of the parents at the first parent-teacher conference, which should be held during the first half of the school year. For this particular school, for instance, 99% of the elementary school parents attend the first parent-teacher conference in 2011-2012.

11. School NSPF Results

Information on the ratings or rankings of schools in the Nevada School Performance Framework (NSPF) can be found via the Nevada School Performance Framework website at <http://nspf.doe.nv.gov/>

A 3-Star School has some areas of success as well as some areas that need improvement relative to student proficiency and/or student growth on the State assessments. The school has negotiated flexibility with the school district in decision-making and, when appropriate, is acknowledged for its successes with public recognition.

| Performance Indicators | Points Earned | Points Eligible |
|--------------------------------|--|-----------------|
| Growth Measure of Achievement | 22 | 40 |
| Status Measure of Achievement | 21 | 30 |
| Reductions in Achievement Gaps | 14 | 20 |
| Other Indicator | 6 | 10 |
| Total Index Score | [Points Earned(63)/Points Eligible(100)] X 100 = 63.00 | |

This section gives brief information about the star rating of the school based on the Nevada School Performance Framework. More details can be found at <http://nspf.doe.nv.gov/>.