

# Commack Union Free City School District Phase 2



| Yr    | NYSED Building Aid | A                                                    | A1                                  | A2                                   | A= A1-S2              | B                  | C                            | D=A+B+C              | E                    | D+G              | Cumulative Cash Flow |
|-------|--------------------|------------------------------------------------------|-------------------------------------|--------------------------------------|-----------------------|--------------------|------------------------------|----------------------|----------------------|------------------|----------------------|
|       |                    | NYSED Building Aid less non-eligible measures at 80% | Annual Energy Cost With Out Savings | Annual Energy Cost with Improvements | Annual Energy Savings | Annual O&M savings | National Grid Rebate Program | Total Annual Savings | Annual Lease Payment | Annual Cash Flow |                      |
| 1     | (\$624,023)        | (\$499,219)                                          | \$2,293,242                         | \$1,567,724                          | \$725,518             | \$81,174           | \$448,100                    | \$1,754,011          | \$1,230,405          | \$523,606        | \$523,606            |
| 2     | (\$624,023)        | (\$499,219)                                          | \$2,339,107                         | \$1,599,078                          | \$740,028             | \$82,797           | \$0                          | \$1,322,046          | \$1,230,405          | \$91,640         | \$615,246            |
| 3     | (\$624,023)        | (\$499,219)                                          | \$2,385,889                         | \$1,631,060                          | \$754,829             | \$84,453           | \$0                          | \$1,338,501          | \$1,230,405          | \$108,096        | \$723,342            |
| 4     | (\$624,023)        | (\$499,219)                                          | \$2,433,607                         | \$1,663,681                          | \$769,926             | \$86,142           | \$0                          | \$1,355,287          | \$1,230,405          | \$124,882        | \$848,224            |
| 5     | (\$624,023)        | (\$499,219)                                          | \$2,482,279                         | \$1,696,955                          | \$785,324             | \$87,865           | \$0                          | \$1,372,408          | \$1,230,405          | \$142,003        | \$990,227            |
| 6     | (\$624,023)        | (\$499,219)                                          | \$2,531,924                         | \$1,730,894                          | \$801,030             | \$89,623           | \$0                          | \$1,389,872          | \$1,230,405          | \$159,467        | \$1,149,694          |
| 7     | (\$624,023)        | (\$499,219)                                          | \$2,582,563                         | \$1,765,512                          | \$817,051             | \$91,415           | \$0                          | \$1,407,685          | \$1,230,405          | \$177,280        | \$1,326,974          |
| 8     | (\$624,023)        | (\$499,219)                                          | \$2,634,214                         | \$1,800,822                          | \$833,392             | \$93,243           | \$0                          | \$1,425,854          | \$1,230,405          | \$195,449        | \$1,522,424          |
| 9     | (\$624,023)        | (\$499,219)                                          | \$2,686,898                         | \$1,836,839                          | \$850,060             | \$95,108           | \$0                          | \$1,444,387          | \$1,230,405          | \$213,982        | \$1,736,406          |
| 10    | (\$624,023)        | (\$499,219)                                          | \$2,740,636                         | \$1,873,575                          | \$867,061             | \$97,010           | \$0                          | \$1,463,290          | \$1,230,405          | \$232,886        | \$1,969,292          |
| 11    | (\$624,023)        | (\$499,219)                                          | \$2,795,449                         | \$1,911,047                          | \$884,402             | \$98,951           | \$0                          | \$1,482,572          | \$1,230,405          | \$252,167        | \$2,221,459          |
| 12    | (\$624,023)        | (\$499,219)                                          | \$2,851,358                         | \$1,949,268                          | \$902,090             | \$100,930          | \$0                          | \$1,502,239          | \$1,230,405          | \$271,834        | \$2,493,293          |
| 13    | (\$624,023)        | (\$499,219)                                          | \$2,908,385                         | \$1,988,253                          | \$920,132             | \$102,948          | \$0                          | \$1,522,299          | \$1,230,405          | \$291,894        | \$2,785,187          |
| 14    | (\$624,023)        | (\$499,219)                                          | \$2,966,553                         | \$2,028,018                          | \$938,535             | \$105,007          | \$0                          | \$1,542,761          | \$1,230,405          | \$312,356        | \$3,097,543          |
| 15    | (\$624,023)        | (\$499,219)                                          | \$3,025,884                         | \$2,068,578                          | \$957,306             | \$107,107          | \$0                          | \$1,563,632          | \$1,230,405          | \$333,227        | \$3,430,770          |
| 16    | \$0                | \$0                                                  | \$3,086,402                         | \$2,109,950                          | \$976,452             | \$109,250          | \$0                          | \$1,085,701          | \$0                  | \$1,085,701      | \$4,516,471          |
| 17    | \$0                | \$0                                                  | \$3,148,130                         | \$2,152,149                          | \$985,981             | \$111,435          | \$0                          | \$1,107,415          | \$0                  | \$1,107,415      | \$5,623,887          |
| 18    | \$0                | \$0                                                  | \$3,211,092                         | \$2,195,192                          | \$1,015,900           | \$113,663          | \$0                          | \$1,129,564          | \$0                  | \$1,129,564      | \$6,753,450          |
| Total | (\$9,360,350)      | (\$7,488,280)                                        | \$49,103,614                        | \$33,568,596                         | \$15,535,018          | \$1,738,123        | \$448,100                    | \$25,209,521         | \$18,456,071         | \$6,753,450      | \$6,753,450          |

|                                                   |              |  |
|---------------------------------------------------|--------------|--|
| Total Project Net Cost:                           |              |  |
| Gross Project Costs:                              |              |  |
| Other Costs (Construction Interest):              |              |  |
| Net Financed Investment:                          |              |  |
| Loan Interest Rate:                               |              |  |
| Loan Term In Years:                               |              |  |
| Loan Payments Per Year:                           |              |  |
| Total No. of Loan Payments in Arrears:            |              |  |
| Sum of Annual Loan Payments:                      |              |  |
| NYSED Capital Building Aid Rate:                  | 53.7%        |  |
| NYSED Capital Building Aid Nominal Interest Rate: | 2.375%       |  |
| NYSED Amortized Amount:                           | \$14,592,043 |  |
| NYSED Aid Payment Period (yrs):                   | 15.0         |  |
| NYSED Adjusted Payback (yrs):                     | 3.25%        |  |
| Service Inflation Rate:                           | 15           |  |
| Energy Inflation Rate:                            | 1            |  |
| Operational Savings Inflation Rate:               | 15           |  |
| Total Program Cumulative Cash Flow:               | \$6,753,450  |  |
| Net Present Value (at 5%):                        | \$3,768,896  |  |