

Ted Reeve Arena

| Description                          | Natural<br>Gas<br><i>cu-m</i> | Electrical<br>Consumption<br><i>kWh</i> | Electrical<br>Demand<br><i>kW</i> | Electrical<br>Demand<br><i>kVA</i> | Water<br>Consumption<br><i>cu-m</i> | Simple<br>Payback<br><i>years</i> |
|--------------------------------------|-------------------------------|-----------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------------------|
| <b>Lighting Measures</b>             |                               |                                         |                                   |                                    |                                     |                                   |
| Retrofit                             | -150                          | 9794                                    | 22                                | 23                                 |                                     | 14.63                             |
| Sensors                              | -112                          | 7332                                    |                                   |                                    |                                     | 11.09                             |
| HID dimming Controls                 |                               | 4414                                    | 23                                | 24                                 |                                     | 5.47                              |
| <b>Control Measures</b>              |                               |                                         |                                   |                                    |                                     |                                   |
| BAS Standard Arena                   | 20402                         | 113883                                  |                                   |                                    |                                     | 4.45                              |
| <b>Building Insulation</b>           |                               |                                         |                                   |                                    |                                     |                                   |
| Air Sealing Program                  | illegible                     |                                         |                                   |                                    |                                     | 7.75                              |
| Header Insulation                    |                               | 46000                                   |                                   |                                    |                                     | 4.45                              |
| Piping Insulation                    | 694                           |                                         |                                   |                                    |                                     | 2.31                              |
| High Efficiency Equipment Insulation | -20888                        | 159717                                  |                                   |                                    |                                     | 12.81                             |
| <b>Power Factor Correction</b>       |                               |                                         |                                   |                                    | 185                                 | 4.72                              |
| Total:                               | 827                           | 379825                                  | 45                                | 243                                | 0                                   | 6.93                              |