

Incentives for Street Lighting in Rhode Island

| | | Control | Run hours | Δ | | | |
|---|------|----------------|-----------|-----------|-----------|-----------|--|
| | | Dusk-dawn | 4175 | 0 | | | |
| | | Dimming | 3737 | 438 | | | |
| | | Part-night | 2715 | 1460 | | | |
| | | 2015 incentive | | | | | |
| | | Retrofit | \$ 0.15 | /kWh | | | |
| | | Controls | \$ 0.25 | /kWh | | | |
| Dusk-Dawn | | LED | | | | | |
| HPS | NomW | 25 | 50 | 75 | 100 | 125 | |
| | 50 | \$ 22.55 | \$ 6.89 | \$ - | \$ - | \$ - | |
| | 70 | \$ 38.20 | \$ 22.55 | \$ 6.89 | \$ - | \$ - | |
| | 100 | \$ 58.24 | \$ 42.59 | \$ 26.93 | \$ 11.27 | \$ - | |
| | 150 | \$ 92.69 | \$ 77.03 | \$ 61.37 | \$ 45.72 | \$ 30.06 | |
| | 250 | \$ 174.72 | \$ 159.07 | \$ 143.41 | \$ 127.76 | \$ 112.10 | |
| | 400 | \$ 278.68 | \$ 263.03 | \$ 247.37 | \$ 231.71 | \$ 216.06 | |
| Incremental incentives for control-tariff scenario | | | | | | | |
| Dimming | | LED | | | | | |
| HPS | NomW | 25 | 50 | 75 | 100 | 125 | |
| | 50 | \$ 3.94 | \$ 1.20 | \$ - | \$ - | \$ - | |
| | 70 | \$ 6.68 | \$ 3.94 | \$ 1.20 | \$ - | \$ - | |
| | 100 | \$ 10.18 | \$ 7.45 | \$ 4.71 | \$ 1.97 | \$ - | |
| | 150 | \$ 16.21 | \$ 13.47 | \$ 10.73 | \$ 7.99 | \$ 5.26 | |
| | 250 | \$ 30.55 | \$ 27.81 | \$ 25.08 | \$ 22.34 | \$ 19.60 | |
| | 400 | \$ 48.73 | \$ 45.99 | \$ 43.25 | \$ 40.52 | \$ 37.78 | |
| Incremental incentives for control-tariff scenario | | | | | | | |
| Part Night | | LED | | | | | |
| HPS | NomW | 25 | 50 | 75 | 100 | 125 | |
| | 50 | \$ 13.14 | \$ 4.02 | \$ - | \$ - | \$ - | |
| | 70 | \$ 22.27 | \$ 13.14 | \$ 4.02 | \$ - | \$ - | |
| | 100 | \$ 33.95 | \$ 24.82 | \$ 15.70 | \$ 6.57 | \$ - | |
| | 150 | \$ 54.02 | \$ 44.90 | \$ 35.77 | \$ 26.65 | \$ 17.52 | |
| | 250 | \$ 101.84 | \$ 92.71 | \$ 83.59 | \$ 74.46 | \$ 65.34 | |
| | 400 | \$ 162.43 | \$ 153.30 | \$ 144.18 | \$ 135.05 | \$ 125.93 | |
| Total incentives for combined retrofit and controls on back | | | | | | | |

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| | Control | Run hours | Δ |
|----------------|------------|-----------|----------|
| | Dusk-dawn | 4175 | 0 |
| | Dimming | 3737 | 438 |
| | Part-night | 2715 | 1460 |
| 2015 incentive | | | |
| | Retrofit | \$ 0.15 | /kWh |
| | Controls | \$ 0.25 | /kWh |

Total incentives for retrofit and control-tariff

| Total DIM | | | LED | | | | |
|-----------|------|------|-----------|-----------|-----------|-----------|-----------|
| HPS | NomW | FixW | 25 | 50 | 75 | 100 | 125 |
| | 50 | 61 | \$ 26.49 | \$ 8.09 | \$ - | \$ - | \$ - |
| | 70 | 86 | \$ 44.88 | \$ 26.49 | \$ 8.09 | \$ - | \$ - |
| | 100 | 118 | \$ 68.42 | \$ 50.03 | \$ 31.64 | \$ 13.24 | \$ - |
| | 150 | 173 | \$ 108.89 | \$ 90.50 | \$ 72.10 | \$ 53.71 | \$ 35.32 |
| | 250 | 304 | \$ 205.27 | \$ 186.88 | \$ 168.49 | \$ 150.09 | \$ 131.70 |
| | 400 | 470 | \$ 327.41 | \$ 309.02 | \$ 290.62 | \$ 272.23 | \$ 253.83 |

Total incentives for retrofit and control-tariff

| Total PART | | | LED | | | | |
|------------|------|------|-----------|-----------|-----------|-----------|-----------|
| HPS | NomW | FixW | 25 | 50 | 75 | 100 | 125 |
| | 50 | 61 | \$ 35.69 | \$ 10.90 | \$ - | \$ - | \$ - |
| | 70 | 86 | \$ 60.47 | \$ 35.69 | \$ 10.90 | \$ - | \$ - |
| | 100 | 118 | \$ 92.19 | \$ 67.41 | \$ 42.62 | \$ 17.84 | \$ - |
| | 150 | 173 | \$ 146.71 | \$ 121.92 | \$ 97.14 | \$ 72.36 | \$ 47.58 |
| | 250 | 304 | \$ 276.56 | \$ 251.78 | \$ 227.00 | \$ 202.22 | \$ 177.43 |
| | 400 | 470 | \$ 441.11 | \$ 416.33 | \$ 391.54 | \$ 366.76 | \$ 341.98 |