Energy Operators (Electricity Retail Corporation) (Charges) Amendment
By-laws 2012

Made by the Electricity Retail Corporation with the approval of the Governor in Executive Council.

1. Citation
These by-laws are the Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012.

2. Commencement
These by-laws come into operation as follows —
(a) by-laws 1 and 2 — on the day on which these by-laws are published in the Gazette;
(b) the rest of the by-laws — on 1 July 2012.

3. By-laws amended
These by-laws amend the Energy Operators (Electricity Retail Corporation) (Charges) By-laws 2006.
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

bl. 4

4. **By-law 3 amended**

   In by-law 3 insert in alphabetical order:

   *carbon component* has a meaning affected by by-law 4A;

5. **By-law 4A inserted**

   After by-law 3 insert:

   4A. **Carbon component**

      (1) The carbon component is an amount that takes account of costs resulting from the *Clean Energy Act 2011* (Commonwealth) and the related Commonwealth Acts listed in the Table.

   **Table**

   *Australian National Registry of Emissions Units Act 2011*

   *Carbon Credits (Carbon Farming Initiative) Act 2011*

   *Clean Energy (Charges—Customs) Act 2011*

   *Clean Energy (Charges—Excise) Act 2011*

   *Clean Energy (Consequential Amendments) Act 2011*

   *Clean Energy (Customs Tariff Amendment) Act 2011*

   *Clean Energy (Excise Tariff Legislation Amendment) Act 2011*
Energy Operators (Electricity Retail Corporation) (Charges) Amendment
By-laws 2012

Clean Energy (Fuel Tax Legislation Amendment) Act 2011
Clean Energy (Household Assistance Amendments) Act 2011
Clean Energy (Income Tax Rates Amendments) Act 2011
Clean Energy (International Unit Surrender Charge) Act 2011
Clean Energy Regulator Act 2011
Clean Energy (Tax Laws Amendments) Act 2011
Clean Energy (Unit Issue Charge—Auctions) Act 2011
Clean Energy (Unit Issue Charge—Fixed Charge) Act 2011
Clean Energy (Unit Shortfall Charge—General) Act 2011
Climate Change Authority Act 2011
Customs Tariff Act 1995
Excise Act 1901
Excise Tariff Act 1921
Excise Tariff Amendment (Taxation of Alternative Fuels) Act 2011
Fuel Tax Act 2006
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

bl. 6


National Greenhouse and Energy Reporting Act 2007


Ozone Protection and Synthetic Greenhouse Gas (Import Levy) Amendment Act 2011

Ozone Protection and Synthetic Greenhouse Gas Management Act 1989


Ozone Protection and Synthetic Greenhouse Gas (Manufacture Levy) Amendment Act 2011

(2) A reference in a provision of Schedule 1 to the carbon component is a reference to the amount specified for that provision in Schedule 2A.

6. Schedule 1 amended

(1) Delete the reference after the heading to Schedule 1 and insert:

[bl. 3, 4A(2), 4(1) and 10(1)]

(2) Delete Schedule 1 clause 1(2) and insert:

(2) Tariff L1 comprises —

(a) a fixed charge at the rate of 39.4251 cents per day; and
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

(b) a charge for metered consumption at the rate of—
   (i) 28.1662 cents (being 25.9112 cents plus the carbon component) per unit for the first 1 650 units per day; and
   (ii) 25.6357 cents (being 23.3807 cents plus the carbon component) per unit for all units exceeding 1 650 units per day.

(3) Delete Schedule 1 clause 2(2) and insert:

   (2) Tariff L3 comprises —
       (a) a fixed charge at the rate of 49.9964 cents per day;
       and
       (b) a charge for metered consumption at the rate of—
           (i) 35.1416 cents (being 32.8517 cents plus the carbon component) per unit for the first 1 650 units per day; and
           (ii) 31.9421 cents (being 29.6522 cents plus the carbon component) per unit for all units exceeding 1 650 units per day.

(4) Delete Schedule 1 clause 3(2) and insert:

   (2) Tariff M1 comprises —
       (a) a fixed charge at the rate of 46.4533 cents per day;
       and
       (b) a charge for metered consumption at the rate of—
           (i) 31.7802 cents (being 29.4903 cents plus the carbon component) per unit for the first 1 650 units per day; and
           (ii) 28.7757 cents (being 26.4858 cents plus the carbon component) per unit per day for all units exceeding 1 650 units.
(5) Delete Schedule 1 clause 4(1) and insert:

(1) Tariff R1 comprises —
   (a) a fixed charge at the rate of $1.6163 per day; and
   (b) an energy charge consisting of —
       (i) an on peak energy charge at the rate of 30.6257 cents (being 28.3707 cents plus the carbon component) per unit; and
       (ii) an off peak energy charge at the rate of 11.0052 cents (being 8.7502 cents plus the carbon component) per unit.

(6) Delete Schedule 1 clause 5(1) and insert:

(1) Tariff R3 comprises —
   (a) a fixed charge at the rate of $2.3227 per day; and
   (b) an energy charge consisting of —
       (i) an on peak energy charge at the rate of 42.9560 cents (being 40.6661 cents plus the carbon component) per unit; and
       (ii) an off peak energy charge at the rate of 14.8091 cents (being 12.5192 cents plus the carbon component) per unit.

(7) Delete Schedule 1 clause 6(2) and insert:

(2) Tariff S1 comprises —
   (a) a minimum charge at the rate of $448.8706 per day; and
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

(b) a demand charge at the rate of 114.0153 cents per day multiplied by —
   (i) the on peak half-hourly maximum demand; or
   (ii) 30% of the off peak half-hourly maximum demand,

whichever is the greater; and

(c) an energy charge consisting of —
   (i) an on peak energy charge at the rate of 18.6031 cents (being 16.3132 cents plus the carbon component) per unit; and
   (ii) an off peak energy charge at the rate of 12.6106 cents (being 10.3207 cents plus the carbon component) per unit.

(8) Delete Schedule 1 clause 7(2) and insert:

(2) Tariff T1 comprises —
   (a) a minimum charge at the rate of $630.2224 per day; and
   (b) a demand charge at the rate of 111.0321 cents per day multiplied by —
      (i) the on peak half-hourly maximum demand; or
      (ii) 30% of the off peak half-hourly maximum demand,

whichever is the greater; and

(c) an energy charge consisting of —
   (i) an on peak energy charge at the rate of 18.5232 cents (being 16.2333 cents plus the carbon component) per unit; and
   (ii) an off peak energy charge at the rate of 13.0860 cents (being 10.7961 cents plus the carbon component) per unit.
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

bl. 6

(9) Delete Schedule 1 clause 9(2) and insert:

(2) Tariff A1 comprises —
   (a) a fixed charge at the rate of 41.5455 cents per day or, for multiple dwellings supplied through one metered supply point, a fixed charge at the rate of —
      (i) 41.5455 cents per day for the first dwelling; and
      (ii) 32.2582 cents per day for each additional dwelling; and
   (b) a charge for metered consumption at the rate of 24.8866 cents (being 22.6316 cents plus the carbon component) per unit.

(10) Delete Schedule 1 clause 10(2) and insert:

(2) Tariff B1 comprises —
   (a) a fixed charge at the rate of 21.5235 cents per day or, for multiple dwellings supplied through one metered supply point, a fixed charge at the rate of 21.5235 cents per day for each dwelling; and
   (b) a charge for metered consumption at the rate of 14.1455 cents (being 11.8905 cents plus the carbon component) per unit.

(11) Delete Schedule 1 clause 11(2) and insert:

(2) Tariff C1 comprises —
   (a) a fixed charge at the rate of 37.5016 cents per day; and
Energy Operators (Electricity Retail Corporation) (Charges) Amendment
By-laws 2012

(b) a charge for metered consumption at the rate of —
   (i) 22.6965 cents (being 20.4415 cents plus the carbon component) per unit for the first 20 units per day; and
   (ii) 27.8663 cents (being 25.6113 cents plus the carbon component) per unit for the next 1,630 units per day; and
   (iii) 25.3652 cents (being 23.1102 cents plus the carbon component) per unit per day for all units exceeding 1,650 units.

(12) Delete Schedule 1 clause 12(2) and insert:

(2) Tariff D1 comprises —
   (a) a fixed charge at the rate of 34.9367 cents per day;
   and
   (b) if under subclause (3) there is deemed to be more than one equivalent domestic residence in the premises, a charge of 27.1268 cents per day for each equivalent domestic residence except the first that is deemed to be in the premises; and
   (c) a charge for metered consumption at the rate of 21.2983 cents (being 19.0433 cents plus the carbon component) per unit.

(13) Delete Schedule 1 clause 13(2) and insert:

(2) Tariff K1 comprises —
   (a) a fixed charge at the rate of 41.5455 cents per day;
   and
   (b) a charge for metered consumption at the rate of —
       (i) 24.8866 cents (being 22.6316 cents plus the carbon component) per unit for the first 20 units per day; and
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

bl. 7

(ii) 28.1662 cents (being 25.9112 cents plus the carbon component) per unit for the next 1,630 units per day; and

(iii) 25.6357 cents (being 23.3807 cents plus the carbon component) per unit per day for all units exceeding 1,650 units.

(14) In Schedule 1 clause 14 delete “$4.3942” and insert:

$5.8964 (being $5.3552 plus the carbon component)

7. Schedule 2A inserted

After Schedule 1 insert:

Schedule 2A — Carbon components

<table>
<thead>
<tr>
<th>Schedule 1 provisions</th>
<th>Carbon components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sch. 1 cl. 1(2)(b)(i) and (ii)</td>
<td>2.2550 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 2(2)(b)(i) and (ii)</td>
<td>2.2899 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 3(2)(b)(i) and (ii)</td>
<td>2.2899 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 4(1)(b)(i) and (ii)</td>
<td>2.2550 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 5(1)(b)(i) and (ii)</td>
<td>2.2899 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 6(2)(c)(i) and (ii)</td>
<td>2.2899 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 7(2)(c)(i) and (ii)</td>
<td>2.2899 cents</td>
</tr>
<tr>
<td>Sch. 1 cl. 9(2)(b)</td>
<td>2.2550 cents</td>
</tr>
</tbody>
</table>
Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

Schedule 1 provisions | Carbon components
--- | ---
Sch. 1 cl. 10(2)(b) | 2.2550 cents
Sch. 1 cl. 11(2)(b)(i), (ii) and (iii) | 2.2550 cents
Sch. 1 cl. 12(2)(c) | 2.2550 cents
Sch. 1 cl. 13(2)(b)(i), (ii) and (iii) | 2.2550 cents
Sch. 1 cl. 14 | $0.5412

8. Schedule 2 replaced

Delete Schedule 2 and insert:

**Schedule 2 — Street lighting**

<table>
<thead>
<tr>
<th>Item</th>
<th>Wattage</th>
<th>Type</th>
<th>Midnight Switch-off (Obsolescent) Cents per day</th>
<th>1.15 a.m. Switch-off Cents per day</th>
<th>Dawn Switch-off Cents per day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z.01</td>
<td>50</td>
<td>Mercury Vapour</td>
<td>31.8470 (includes carbon component of 0.6020)</td>
<td>32.6568 (includes carbon component of 0.7429)</td>
<td>35.6066 (includes carbon component of 1.2753)</td>
</tr>
<tr>
<td>Z.02</td>
<td>80</td>
<td>Mercury Vapour</td>
<td>37.7577 (includes carbon component of 0.9634)</td>
<td>38.8044 (includes carbon component of 1.1889)</td>
<td>43.4265 (includes carbon component of 2.0403)</td>
</tr>
<tr>
<td>Z.03</td>
<td>125</td>
<td>Mercury Vapour</td>
<td>47.0118 (includes carbon component of 1.5052)</td>
<td>48.8389 (includes carbon component of 1.8576)</td>
<td>55.4908 (includes carbon component of 3.1880)</td>
</tr>
<tr>
<td>Z.04</td>
<td>140</td>
<td>Low Pressure Sodium</td>
<td>48.2567 (includes carbon component of 1.6859)</td>
<td>50.1717 (includes carbon component of 2.0805)</td>
<td>57.7740 (includes carbon component of 3.5705)</td>
</tr>
</tbody>
</table>
### Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012

**Item** | **Wattage** | **Type** | **Midnight Switch-off (Obsolescent) Cents per day** | **1.15 a.m. Switch-off Cents per day** | **Dawn Switch-off Cents per day**
--- | --- | --- | --- | --- | ---
Z.07 | 250 | Mercury Vapour | 59.4792 (includes carbon component of 3.0104) | 63.0574 (includes carbon component of 3.7150) | 76.4374 (includes carbon component of 6.3760)
Z.10 | 400 | Mercury Vapour | 88.4707 (includes carbon component of 4.8166) | 93.9771 (includes carbon component of 5.9441) | 114.9591 (includes carbon component of 10.2014)
Z.13 | 150 | High Pressure Sodium | 44.9105 (includes carbon component of 1.8063) | 46.9146 (includes carbon component of 2.2291) | 57.3599 (includes carbon component of 3.8254)
Z.15 | 250 | High Pressure Sodium | 66.9141 (includes carbon component of 3.0104) | 71.0246 (includes carbon component of 3.7150) | 86.8219 (includes carbon component of 6.3759)
Z.18 | per kW | Auxiliary Lighting in Public Places | Not applicable | Not applicable | 260.3391 (includes carbon component of 27.0595)

**Street lighting for existing services only**

<table>
<thead>
<tr>
<th>Item</th>
<th>Wattage</th>
<th>Type</th>
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<th>Dawn Switch-off Cents per day</th>
</tr>
</thead>
</table>
Z.05 | 250 | Mercury Vapour | 76.1888 (includes carbon component of 3.0104) | 79.7519 (includes carbon component of 3.7151) | 93.1469 (includes carbon component of 6.3759)
Z.06 | 400 | Mercury Vapour | 105.1955 (includes carbon component of 4.8166) | 110.7018 (includes carbon component of 5.9441) | 131.6079 (includes carbon component of 10.2014)
Z.08 | 250 | Mercury Vapour 50% E.C. cost | 67.8263 (includes carbon component of 3.0102) | 71.3591 (includes carbon component of 3.7150) | 84.7846 (includes carbon component of 6.3759)
Z.09 | 250 | Mercury Vapour 100% E.C. cost | 76.1888 (includes carbon component of 3.0104) | 79.7519 (includes carbon component of 3.7151) | 93.1469 (includes carbon component of 6.3759)
Z.11 | 400 | Mercury Vapour 50% E.C. cost | 96.8331 (includes carbon component of 4.8166) | 102.3547 (includes carbon component of 5.9441) | 123.2759 (includes carbon component of 10.2014)
## Energy Operators (Electricity Retail Corporation) (Charges) Amendment
### By-laws 2012

### Table of Midnight, 1.15 a.m. and Dawn Switch-off Cents per day for Various Items

<table>
<thead>
<tr>
<th>Item</th>
<th>Wattage</th>
<th>Type</th>
<th>Midnight Switch-off (Obsolescent) Cents per day</th>
<th>1.15 a.m. Switch-off Cents per day</th>
<th>Dawn Switch-off Cents per day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z.12</td>
<td>400</td>
<td>Mercury Vapour 100% E.C. cost</td>
<td>105.1955 (includes carbon component of 4.8166)</td>
<td>110.7018 (includes carbon component of 5.9441)</td>
<td>131.6079 (includes carbon component of 10.2014)</td>
</tr>
<tr>
<td>Z.14</td>
<td>150</td>
<td>High Pressure Sodium</td>
<td>68.3099 (includes carbon component of 1.8062)</td>
<td>70.2834 (includes carbon component of 2.2289)</td>
<td>80.6984 (includes carbon component of 3.8254)</td>
</tr>
<tr>
<td>Z.16</td>
<td>250</td>
<td>High Pressure Sodium 50% E.C. cost</td>
<td>79.4273 (includes carbon component of 3.0104)</td>
<td>83.5681 (includes carbon component of 3.7150)</td>
<td>99.3351 (includes carbon component of 6.3759)</td>
</tr>
<tr>
<td>Z.17</td>
<td>250</td>
<td>High Pressure Sodium 100% E.C. cost</td>
<td>91.9100 (includes carbon component of 3.0104)</td>
<td>96.0964 (includes carbon component of 3.7150)</td>
<td>111.8786 (includes carbon component of 6.3759)</td>
</tr>
<tr>
<td>Z.51</td>
<td>60</td>
<td>Incandescent</td>
<td>31.9674 (includes carbon component of 0.7224)</td>
<td>32.8054 (includes carbon component of 0.8915)</td>
<td>35.8615 (includes carbon component of 1.5302)</td>
</tr>
<tr>
<td>Z.52</td>
<td>100</td>
<td>Incandescent</td>
<td>32.4400 (includes carbon component of 1.2040)</td>
<td>33.3999 (includes carbon component of 1.4860)</td>
<td>36.8817 (includes carbon component of 2.5504)</td>
</tr>
<tr>
<td>Z.53</td>
<td>200</td>
<td>Incandescent</td>
<td>39.2027 (includes carbon component of 2.4084)</td>
<td>40.5876 (includes carbon component of 2.9721)</td>
<td>46.4869 (includes carbon component of 5.1007)</td>
</tr>
<tr>
<td>Z.54</td>
<td>300</td>
<td>Incandescent</td>
<td>49.1191 (includes carbon component of 3.6125)</td>
<td>51.4394 (includes carbon component of 4.4581)</td>
<td>59.9539 (includes carbon component of 7.6511)</td>
</tr>
<tr>
<td>Z.55</td>
<td>500</td>
<td>Incandescent</td>
<td>79.1991 (includes carbon component of 6.0207)</td>
<td>83.4669 (includes carbon component of 7.4301)</td>
<td>99.5227 (includes carbon component of 12.7517)</td>
</tr>
<tr>
<td>Z.56</td>
<td>40</td>
<td>Fluorescent</td>
<td>31.7265 (includes carbon component of 0.4815)</td>
<td>32.5082 (includes carbon component of 0.5943)</td>
<td>35.3515 (includes carbon component of 1.0202)</td>
</tr>
</tbody>
</table>
**Energy Operators (Electricity Retail Corporation) (Charges) Amendment By-laws 2012**

### bl. 9

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Z.57</td>
<td>80</td>
<td>Fluorescent</td>
<td>37.7577 (includes carbon component of 0.9634)</td>
<td>38.8044 (includes carbon component of 1.1889)</td>
<td>43.4265 (includes carbon component of 2.0403)</td>
</tr>
<tr>
<td>Z.58</td>
<td>160</td>
<td>Fluorescent</td>
<td>53.3933 (includes carbon component of 1.9266)</td>
<td>54.5588 (includes carbon component of 2.3775)</td>
<td>64.6241 (includes carbon component of 4.0805)</td>
</tr>
</tbody>
</table>

9. **Schedule 4 amended**

In Schedule 4 item 10 delete “$4.65” and insert:

$4.75

The Common Seal of the Electricity Retail Corporation was affixed to these by-laws in the presence of — [LS]

MICHAEL JOHN SMITH, Director.

WILLIAM JOHN BARGMANN, Executive officer.

Approved by the Governor,

N. HAGLEY, Clerk of the Executive Council.