

Delivery prices

(applicable from 1 April 2009 to 31 March 2010)



(excluding GST)

This schedule lists the wholesale prices that Orion uses to charge electricity retailers and directly contracted customers for the electricity delivery service in Orion's network area. This delivery service includes the transmission and distribution of electricity to homes and businesses, but does not include the cost of the electricity itself. Please refer to your electricity retailer for details of retail electricity prices.

	Distribution	Transmission	Delivery (total)	
Streetlighting connections <i>approx 42,000 connections</i>				
Fixed charge	10.45	0.05	10.50	¢/day
Peak charge (peak period demand)	108.00	47.10	155.10	\$/kW/year
Volume charge				
Working weekdays (7am - 9pm)	4.610	1.495	6.105	¢/kWh
Nights, weekends and holidays	0.545	0.225	0.770	¢/kWh
General connections <i>approx 188,500 connections</i>				
Peak charge (peak period demand)	108.00	47.10	155.10	\$/kW/year
Volume charge				
Working weekdays (7am - 9pm)	4.610	1.495	6.105	¢/kWh
Nights, weekends and holidays	0.545	0.225	0.770	¢/kWh
Low power factor charge	15.00	5.00	20.00	¢/kVAr/day
Irrigation connections <i>new category with approx 1,100 connections</i>				
Capacity charge	40.70	8.65	49.35	¢/kW/day*
Volume charge				
Working weekdays (7am - 9pm)	4.610	1.495	6.105	¢/kWh
Nights, weekends and holidays	0.545	0.225	0.770	¢/kWh
Rebates				
Power factor correction rebate	(14.69)	-	(14.69)	¢/kVAr/day*
Interruptibility rebate	(3.67)	-	(3.67)	¢/kW/day*
	* applied from 1 October to 31 March only			
Major customer connections <i>approx 470 connections</i>				
Fixed charge				
Fixed (standard connections)	528.00	-	528.00	\$/year
Fixed (secondary connections)	281.00	-	281.00	\$/year
Dedicated equipment	see separate price schedule			\$/year
Peak charge (control period demand)	94.10	46.00	140.10	\$/kVA/year
Capacity charge				
Assessed capacity distribution	24.30	-	24.30	\$/kVA/year
Assessed capacity transmission	-	21.80	21.80	\$/kVA/year
Large capacity connections <i>2 connections</i>				
Distribution and transmission charges	<i>individually assessed</i>			
Miscellaneous				
Monthly invoice charge to retailers and directly contracted customers	20.00	-	20.00	\$/invoice

Notes

- Full details on how we apply these prices are included in the document *Application of delivery prices*, available on our website.
- Peak and volume prices for streetlighting, general connections and irrigation connections are applied to peak loadings and volumes derived from measurements taken at grid exit points, and it is important to allow for normal network losses when assessing the contribution individual connections make to these charges. All other prices in this schedule are applied against measurements or ratings taken at the connection.

Delivery prices

(applicable from 1 April 2008 to 31 March 2009)



(excluding GST)

This schedule lists the wholesale prices that Orion uses to charge electricity retailers and directly contracted customers for the electricity delivery service in Orion's network area. This delivery service includes the transmission and distribution of electricity to homes and businesses, but does not include the cost of the electricity itself. Please refer to your electricity retailer for details of retail electricity prices.

	Distribution	Transmission	Delivery (total)	
Outside lighting connections <i>approx 40,977 connections as at January 2008</i>				
<i>eg streetlighting</i>				
Fixed charge	10.75	0.60	11.35	¢/day
<i>plus peak and capacity prices as noted for general connections below</i>				
General connections <i>approx 183,355 connections as at January 2008</i>				
Peak period demand				
Zone A (applied during winter only)	103.90	50.70	154.60	\$/avg kVA/yr
Zone B (applied during summer only)	103.90	50.70	154.60	\$/avg kVA/yr
Capacity (volume charges)				
Zone A				
7am-9pm on working weekdays	4.676	1.031	5.707	¢/kWh
9pm-7am & weekends or public holidays	0.553	0.157	0.710	¢/kWh
Zone B (during winter)				
7am-9pm on working weekdays	4.676	1.031	5.707	¢/kWh
9pm-7am & weekends or public holidays	0.553	0.157	0.710	¢/kWh
Zone B (during summer)	2.202	0.507	2.709	¢/kWh
Rebates				
Irrigation power factor correction rebate	(25.80)	-	(25.80)	\$/kVA/yr
Irrigation interruptibility rebate (zone B)	(6.45)	-	(6.45)	\$/kW/yr
Transitional Irrigation connections <i>approx 246 connections as at January 2008</i>				
Pump nameplate capacity charge	139.10	54.30	193.40	\$/kW/yr
Irrigation power factor correction rebate	(25.80)	-	(25.80)	\$/kVA/yr
Irrigation interruptibility rebate (zone B)	(6.45)	-	(6.45)	\$/kW/yr
Major customer connections <i>approx 394 standard plus 17 secondary connections as at January 2008</i>				
Fixed charge (standard connections)	512.00	-	512.00	\$/yr
Fixed charge (secondary connections)	273.00	-	273.00	\$/yr
Control period demand	90.20	49.00	139.20	\$/kVA/yr
Assessed capacity - distribution	23.60	-	23.60	\$/kVA/yr
Assessed capacity - transmission	-	14.75	14.75	\$/kVA/yr
Large capacity connections <i>1 connection as at January 2008</i>				
Distribution and transmission charges	<i>individually assessed</i>			
Miscellaneous				
Monthly invoice charge to retailers and directly contracted major customers	20.00	-	20.00	\$/invoice

Notes

1. Orion's documents *Application of delivery prices* and/or *Application of major customer delivery prices* apply.
2. Peak and capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at grid exit points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington, Middleton and Papanui grid exit points. Zone B is the area supplied by Hororata and Springston grid exit points.
3. Winter is defined as the period April - September inclusive, summer is October - March inclusive.
4. Demand and capacity prices for major customer connections are applied to measurements taken at the connection.

Delivery prices

(applicable from 1 April 2007 to 31 March 2008)



(excluding GST)

This schedule lists the wholesale prices that Orion uses to charge electricity retailers and directly contracted customers for the electricity delivery service in Orion's network area. This delivery service includes the transmission and distribution of electricity to homes and businesses, but does not include the cost of the electricity itself. Please refer to your electricity retailer for details of retail electricity prices.

	Distribution	Transmission	Delivery (total)	
Outside lighting connections <i>approx 40,492 connections as at February 2007</i>				
<i>eg streetlighting</i>				
Fixed charge	11.24	0.03	11.27	¢/day
<i>plus peak and capacity prices as noted for general connections below</i>				
General connections <i>approx 179,320 connections as at February 2007</i>				
Peak period demand				
Zone A (applied during winter only)	100.53	42.41	142.94	\$/avg kVA/y
Zone B (applied during summer only)	100.53	42.41	142.94	\$/avg kVA/y
Capacity (volume charges)				
Zone A				
7am-9pm on working weekdays	4.494	1.107	5.601	¢/kWh
9pm-7am & weekends or public holidays	0.532	0.169	0.701	¢/kWh
Zone B (during winter)				
7am-9pm on working weekdays	4.494	1.107	5.601	¢/kWh
9pm-7am & weekends or public holidays	0.532	0.169	0.701	¢/kWh
Zone B (during summer)	2.117	0.544	2.661	¢/kWh
Rebates				
Irrigation power factor correction rebate	(25.20)	-	(25.20)	\$/kVAr/y
Irrigation interruptibility rebate (zone B)	(6.30)	-	(6.30)	\$/kW/y
Transitional Irrigation connections <i>approx 251 connections as at February 2007</i>				
Pump nameplate capacity charge	133.70	68.50	202.20	\$/kW/y
Irrigation power factor correction rebate	(25.20)	-	(25.20)	\$/kVAr/y
Irrigation interruptibility rebate (zone B)	(6.30)	-	(6.30)	\$/kW/y
Major customer connections <i>approx 396 standard plus 17 secondary connections as at February 2007</i>				
Fixed charge (standard connections)	500.05	-	500.05	\$/y
Fixed charge (secondary connections)	266.30	-	266.30	\$/y
Control period demand	83.26	39.41	122.67	\$/kVA/y
Assessed capacity - distribution	25.50	-	25.50	\$/kVA/y
Assessed capacity - transmission	-	14.75	14.75	\$/kVA/y
Miscellaneous				
Monthly invoice charge to retailers and directly contracted major customers	20.00	-	20.00	\$/invoice

Notes

1. Orion's documents Application of delivery prices and/or Application of major customer delivery pricing apply.
2. Peak and capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at grid exit points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington and Papanui grid exit points. Zone B is the area supplied by Hororata and Springston grid exit points.
3. Winter is defined as the period April - September inclusive, summer is October - March inclusive.
4. Demand and capacity prices for major customer connections are applied to measurements taken at the connection.



Delivery prices

Applicable from 1 April 2006 to 31 March 2007

(excluding GST)

General connections	Distribution	Transmission	Delivery	
Fixed				
Outside lighting ⁵ (per connection)	12.10	0.10	12.20	¢/day
Peak^{2,3}				
Zone A (applied during winter only)	98.80	46.20	145.00	\$/kVA/yr
Zone B (applied during summer only)	98.80	46.20	145.00	\$/kVA/yr
Capacity^{2,3}				
Zone A				
7:00am - 9:00pm on working weekdays	4.39	1.18	5.57	¢/kWh
9:00pm - 7:00am and on weekends or public holidays	0.52	0.18	0.70	¢/kWh
Zone B				
During winter				
7:00am - 9:00pm on working weekdays	4.39	1.18	5.57	¢/kWh
9:00pm - 7:00am and on weekends or public holidays	0.52	0.18	0.70	¢/kWh
During summer	2.08	0.59	2.67	¢/kWh
Irrigation connections				
Transitional irrigation package (closed) <i>(Net effective price. For irrigation in zone B only. See document Transitional irrigation package for full details and conditions)</i>	129.50	68.50	198.00	\$/kW/yr
Irrigation power factor correction rebate <i>(See document Irrigation power factor correction rebate for full details and conditions)</i>	(24.40)	-	(24.40)	\$/kVA/yr
Irrigation interruptibility rebate <i>(Not available to connections on the transitional irrigation package. For irrigation in zone B only. See document Irrigation interruptibility rebate for full details and conditions)</i>	(6.10)	-	(6.10)	\$/kW/yr
Major Customer Connections				
Fixed (standard connections)	500.05	-	500.05	\$/yr
Fixed (secondary connections)	266.30	-	266.30	\$/yr
Control period demand ⁴	71.20	41.10	112.30	\$/kVA/yr
Assessed capacity - distribution ⁴	26.20	-	26.20	\$/kVA/yr
Assessed capacity - transmission ⁴	-	21.20	21.20	\$/kVA/yr
Miscellaneous				
Provision of equipment - refer to schedule of <i>Dedicated equipment prices</i>				
Charge to the purchaser of delivery services - electricity retailers and some major customers	20.00	-	20.00	\$/monthly invoice
Charges for associated services - refer to schedule of <i>Associated service prices</i>				

Notes

- Orion's documents *Application of delivery prices* and/or *Application of major customer delivery pricing* apply.
- Peak and capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at grid exit points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington and Papanui grid exit points. Zone B is the area supplied by Hororata and Springston grid exit points.
- Winter is defined as the period April - September inclusive, summer is October - March inclusive. Night is defined as the period from 9pm to 7am, day is the period from 7am to 9pm.
- Demand and capacity prices for major customer connections are applied to measurements taken at the connection.
- The fixed prices for outside lighting are effective from 1 July 2006. The prices from 1 April 2006 through 30 June 2006 are 11.3 cents per day for distribution and nil for transmission.
- The estimated number of (energised) connections to which these charges apply as at February 2006 were:

Outside lighting connections	39,501
General connections	177,654
Transitional irrigation connections	345
Major customers connections	411 (including 18 secondary connections)



Delivery prices

Applicable from 1 April 2005 to 31 March 2006

(excluding GST)

General Connections	Distribution	Transmission	Delivery	
Fixed				
Outside Lighting (per connection)	11.30 ⁶	-	11.30 ⁶	c/day
Peak³				
Both Zones	95.60	39.40	135.00	\$/kVA/yr
Capacity³				
Zone A all year and Zone B Winter⁴:				
Nights, weekends & public holidays	0.50	0.15	0.65	c/kWh
Working weekdays	4.25	1.01	5.26	c/kWh
Zone B Summer⁴:				
Any time, any day	2.01	0.50	2.51	c/kWh
Irrigation Connections				
Transitional Irrigation Package (closed) <i>(Net effective price. For irrigation in zone B only. See document "Transitional Irrigation Package" for full details and conditions)</i>	121.70	57.30	179.00	\$/kW/yr
Irrigation Power Factor Correction Rebate <i>(See document "Irrigation Power Factor Correction Rebate" for full details and conditions)</i>	(23.50)	-	(23.50)	\$/kVA/yr
Irrigation Interruptibility Rebate <i>(Not available to connections on the Transitional Irrigation Package. For irrigation in zone B only. See document "Irrigation Interruptibility Rebate" for full details and conditions)</i>	(5.86)	-	(5.86)	\$/kW/yr
Major Customer Connections				
Fixed (Standard connections)	500.05	-	500.05	\$/yr
Fixed (Secondary connections)	266.30	-	266.30	\$/yr
Control period demand ⁵	66.40	34.40	100.80	\$/kVA/yr
Assessed capacity - Line ⁵	24.40	-	24.40	\$/kVA/yr
Assessed capacity - Transmission ⁵	-	17.70	17.70	\$/kVA/yr
Miscellaneous				
Provision of Equipment - refer to Schedule B of the document "Electricity Delivery Pricing For Major Customer Connections"				
Charge to the purchaser of Delivery Services - Electricity Retailers and some Major Customers	20.00		20.00	\$/monthly invoice
Charges for associated services - refer to the document "Charges for Associated Services"				

Notes

- GST is payable in addition to these prices.
- Orion's documents *Application of Electricity Delivery Prices* and/or *Electricity Delivery Pricing for Major Customer Connections* apply.
- Peak and Capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at Grid Exit Points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington and Papanui Grid Exit Points. Zone B is the area supplied by Hororata and Springston Grid Exit Points.
- Winter is defined as the period April - September inclusive, summer is October - March inclusive. Night is defined as the period from 9pm to 7am, day is the period from 7am to 9pm.
- Demand and Capacity prices for Major Customer Connections are applied to measurements taken at the connection.
- The fixed line price for Outside Lighting is effective from 1 July 2005. The price from 1 April 2005 through 30 June 2005 is 11.0 cents per day.
- The estimated number of (energised) connections to which these charges apply as at 1 February 2005 were:

Outside Lighting Connections	38,581
General Connections	174,504 (plus Outside Lighting connections)
Major Customers Connections	411 (including 20 secondary connections)



Delivery Price Schedule

Applicable from 1 April 2004 to 31 March 2005

General Connections	Line	Transmission	Delivery	
Fixed				
Outside Lighting (per connection)	11.00 ⁶	-	11.00 ⁶	c/day
Peak³				
Both Zones	88.70 ⁷	38.50	127.20 ⁷	\$/kVA/yr
Capacity³				
Zone A all year and Zone B Winter⁴:				
Nights, weekends & public holidays	0.51	0.25	0.76	c/kWh
Working weekdays	4.32	1.01	5.33	c/kWh
Zone B Summer⁴:				
Any time, any day	2.04	0.58	2.62	c/kWh
Irrigation Connections				
Transitional Irrigation Package (closed) <i>(Net effective price. For irrigation in zone B only. See document "Transitional Irrigation Package" for full details and conditions)</i>	118.60	58.20	176.80	\$/kW/yr
Irrigation Power Factor Correction Rebate <i>(See document "Irrigation Power Factor Correction Rebate" for full details and conditions)</i>	(23.50)	-	(23.50)	\$/kVA/yr
Irrigation Interruptibility Rebate <i>(Not available to connections on the Transitional Irrigation Package. For irrigation in zone B only. See document "Irrigation Interruptibility Rebate" for full details and conditions)</i>	(5.86)	-	(5.86)	\$/kW/yr
Major Customer Connections				
Fixed	500.05	-	500.05	\$/yr
Control period demand ⁵	61.00	29.20	90.20	\$/kVA/yr
Assessed capacity - Line ⁵	24.40	-	24.40	\$/kVA/yr
Assessed capacity - Transmission ⁵	-	22.00	22.00	\$/kVA/yr
Miscellaneous				
Provision of Equipment - refer to Schedule B of the document "Electricity Delivery Pricing For Major Customer Connections"				
Charge to the purchaser of Delivery Services - Electricity Retailers and some Major Customers	20.00		20.00	\$/monthly invoice
Charges for associated services - refer to the document "Charges for Associated Services"				
Notes				
1. GST is payable in addition to these prices.				
2. Orion's documents "Application of Electricity Delivery Prices" and/or "Electricity Delivery Pricing for Major Customer Connections" apply.				
3. Peak and Capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at Grid Exit Points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington and Papanui Grid Exit Points. Zone B is the area supplied by Hororata and Springston Grid Exit Points.				
4. Winter is defined as the period April - September inclusive, summer is October - March inclusive. Night is defined as the period from 9pm to 7am, day is the period from 7am to 9pm.				
5. Demand and Capacity prices for Major Customer Connections are applied to measurements taken at the connection.				
6. The fixed line price for Outside Lighting is effective from 1 July 2004. The price from 1 April 2004 through 30 June 2004 is 10.0 cents per day.				
7. The Peak line price for General Connections is effective from 15 April 2004. The line price from 1 April 2004 to 14 April 2004 is \$85.00/kVA/yr, with a corresponding delivery price of \$123.50/kVA/yr. To apply these different prices in the year from 1 April 2004, Orion's invoices will be based on the weighted average line price of \$88.56/kVA/yr, with a corresponding weighted average delivery price of \$127.06/kVA/yr.				
8. The estimated number of (energised) connections to which these charges apply as at 1 February 2004 were:				
Outside Lighting Connections	37,700			
General Connections	171,588 (plus Outside Lighting connections)			
Major Customers Connections	392			



Delivery Price Schedule

Applicable from 1 April 2003 to 31 March 2004

	Line	Transmission	Delivery	
General Connections				
Fixed				
Outside Lighting (per connection)	10.00	-	10.00	c/day
Peak³				
Both Zones	85.00	35.00	120.00	\$/kVA/yr
Capacity³				
Zone A all year and Zone B Winter⁴:				
Nights, weekends & public holidays	0.51	0.23	0.74	c/kWh
Working weekdays	4.32	0.93	5.25	c/kWh
Zone B Summer⁴:				
Any time, any day	2.04	0.53	2.57	c/kWh
Irrigation Connections				
Transitional Irrigation Package <i>(Net effective price. For irrigation in zone B only. See document "Transitional Irrigation Package" for full details and conditions)</i>	115.63	54.34	169.97	\$/kW/yr
Irrigation Power Factor Correction Rebate <i>(See document "Irrigation Power Factor Correction Rebates" for full details and conditions)</i>	(23.46)	-	(23.46)	\$/kVA/yr
Irrigation Interruptibility Rebate <i>(Not available to connections on the Transitional Irrigation Package. For irrigation in zone B only. See document "Irrigation Interruptibility Rebates" for full details and conditions)</i>	(5.86)	-	(5.86)	\$/kW/yr
Major Customer Connections				
Fixed	500.05	-	500.05	\$/yr
Control period demand ⁵	60.00	21.92	81.92	\$/kVA/yr
Assessed capacity - Line ⁵	24.40	-	24.40	\$/kVA/yr
Assessed capacity - Transmission ⁵	-	22.00	22.00	\$/kVA/yr
Miscellaneous				
Provision of Equipment - refer to Schedule B of the document "Electricity Delivery Pricing For Major Customer Connections"				
Charge to the purchaser of Delivery Services - Electricity Retailers and some Major Customers	20.00		20.00	\$/monthly invoice
Charges for associated services - refer to the document "Charges for Associated Services"				

Notes

- GST is payable in addition to these prices.
- Orion's documents "Application of Electricity Delivery Prices" and/or "Electricity Delivery Pricing for Major Customer Connections" apply.
- Peak and Capacity prices for general connections are applied to peak loadings and volumes derived from measurements taken at Grid Exit Points. Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington and Papanui Grid Exit Points. Zone B is the area supplied by Hororata and Springston Grid Exit Points.
- Winter is defined as the period April - September inclusive, summer is October - March inclusive. Night is defined as the period from 9pm to 7am, day is the period from 7am to 9pm.
- Demand and Capacity prices for Major Customer Connections are applied to measurements taken at the connection.
- The estimated number of (energised) connections to which these charges apply as at 1 February 2003 were:

Outside Lighting Connections	36,802
General Connections	169,212 (plus Outside Lighting connections)
Major Customers Connections	401

Previous delivery prices

All prices are net, excluding GST

Applicable from 1 April 2002 to 31 March 2003

	Line	Transmission	Delivery	
General Connections				
Fixed				
Outside Lighting (per connection)	10.00	-	10.00	c/day
Peak (applied to peak loadings derived from measurements at Grid Exit Points):				
Zone A (winter-peaking)	85.00	35.00	120.00	\$/kVA/yr
Zone B (summer-peaking)	85.00	35.00	120.00	\$/kVA/yr
Other				
Rebate for power factor correction at irrigation connections:	(23.46)	-	(23.46)	\$/kVA/yr
Capacity (applied to energy volumes derived from measurements at Grid Exit Points)				
Zone A all year and Zone B Apr to Sep only:				
<u>Weekdays:</u>				
9pm - 7am	0.51	0.23	0.74	c/kWh
7am - 9pm	4.32	0.93	5.25	c/kWh
<u>Weekends (Saturdays, Sundays & public holidays)</u>				
	0.51	0.23	0.74	c/kWh
Zone B, Oct to Mar only:				
<u>Any Day:</u>				
	2.04	0.53	2.57	c/kWh

Major Customer Connections

Applied to measurements taken at the connection.
Minimum chargeable loading of 300 kVA for new connections.

Fixed	500.05	-	500.05	\$/year
Control period demand	60.00	21.92	81.92	\$/kVA/yr
Assessed capacity	24.40	22.00	46.40	\$/kVA/yr

Provision of equipment - refer to Schedule B for Major Customer Connections.

Charge to the purchaser of the delivery service from Orion:

Retailers, Major Customers \$20 per monthly delivery invoice

Charges for associated services - refer to "Charges for associated services".

Notes:

Zone A is the area supplied by Addington, Arthur's Pass, Bromley, Castle Hill, Coleridge, Islington, & Papanui Grid Exit Points.

Zone B is the area supplied by Hororata & Springston GEPs.

Orion passes transmission rental rebates and ancillary services charges from Transpower directly through to retailers in proportion to their reconciled energy volumes.

On application, a discount is available to retailers supplying irrigation connections in Orion's Zone B. This discount is available for a limited period and certain conditions apply. Refer to Orion's statement "Discount for Irrigation Connections".

Standard delivery prices for general connections apply to non-qualifying irrigation connections.

Estimated number of connections:	General	Outside Lighting	Major Customer
	168,270	36,750	330