

Export credit schedule for Orion NZ Ltd

(applicable from 1 April 2023)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance.

For exporting generators that were in place prior to 6 December 2016 and approved by the Electricity Authority an additional credit reflecting any actual savings in Transpower charges is available (at the date of issue of this schedule, no exporting generators have been approved by the Electricity Authority). In addition to applying for our distribution credit, exporting customers can approach Transpower (for example, under Transpower's demand response program) for recognition of any transmission benefit, and approach their electricity retailer for recognition of the value of energy exported.

Export credits are based on electricity exported only during specific time periods. Our prices for credits are:

<i>(excluding GST)</i>				
Generator rated output	Period applied	Credit prices	Price Component Code ³	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	0.00260	EXPA	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	0.00010	EXPAPV	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	0.18300	EXPPP	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	0.0625	EXPCP1	\$/kW/day
- reactive power ⁵		0.0205	EXPCP2	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details, including metering requirements and how credit prices are applied, are available in our *Export Credits Policy* document available on our website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365/366 times the daily credit price.
5. The credit quantity for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 11 connections are approved for export credits.

Export credit schedule for Orion NZ Ltd

(applicable from 1 April 2022)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance.

For exporting generators that were in place prior to 6 December 2016 and approved by the Electricity Authority an additional credit reflecting any actual savings in Transpower charges is available (at the date of issue of this schedule, no exporting generators have been approved by the Electricity Authority). In addition to applying for our distribution credit, exporting customers can approach Transpower (for example, under Transpower's demand response program) for recognition of any transmission benefit, and approach their electricity retailer for recognition of the value of energy exported.

Export credits are based on electricity exported only during specific time periods. Our prices for credits are:

<i>(excluding GST)</i>				
Generator rated output	Period applied	Credit prices	Price Component Code ³	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	0.00280	EXPA	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	0.00010	EXPAPV	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	0.19920	EXPPP	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	0.0682	EXPCP1	\$/kW/day
- reactive power ⁵		0.0224	EXPCP2	\$/kVAR/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details, including metering requirements and how credit prices are applied, are available in our *Export Credits Policy* document available on our website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365/366 times the daily credit price.
5. The credit quantity for reactive power (kVAR) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 11 connections are approved for export credits.

Export credit schedule for Orion NZ Ltd

(applicable from 1 April 2021 to 31 March 2022)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance.

For exporting generators that were in place prior to 6 December 2016 and approved by the Electricity Authority an additional credit reflecting any actual savings in Transpower charges is available (at the date of issue of this schedule, no exporting generators have been approved by the Electricity Authority). In addition to applying for our distribution credit, exporting customers can approach Transpower (for example, under Transpower's demand response program) for recognition of any transmission benefit, and approach their electricity retailer for recognition of the value of energy exported.

Export credits are based on electricity exported only during specific time periods. Our prices for credits are:

<i>(excluding GST)</i>				
Generator rated output	Period applied	Credit prices	Price Component Code ³	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	0.00290	EXPA	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	0.00010	EXPAPV	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	0.20560	EXPPP	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	0.0704	EXPCP1	\$/kW/day
- reactive power ⁵		0.0231	EXPCP2	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details, including metering requirements and how credit prices are applied, are available in our *Export Credits Policy* document available on our website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365/366 times the daily credit price.
5. The credit quantity for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 11 connections are approved for export credits.

Export credit schedule for Orion NZ Ltd

(applicable from 1 April 2020 to 31 March 2021)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance.

For exporting generators that were in place prior to 6 December 2016 and approved by the Electricity Authority an additional credit reflecting any actual savings in Transpower charges is available (at the date of issue of this schedule, no exporting generators have been approved by the Electricity Authority). In addition to applying for our distribution credit, exporting customers can approach Transpower (for example, under Transpower's demand response program) for recognition of any transmission benefit, and approach their electricity retailer for recognition of the value of energy exported.

Export credits are based on electricity exported only during specific time periods. Our prices for credits are:

<i>(excluding GST)</i>				
Generator rated output	Period applied	Credit prices	Price Component Code ³	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	0.00300	EXPA	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	0.00010	EXPAPV	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	0.21070	EXPPP	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	0.0721	EXPCP1	\$/kW/day
- reactive power ⁵		0.0237	EXPCP2	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details, including metering requirements and how credit prices are applied, are available in our *Export Credits Policy* document available on our website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365/366 times the daily credit price.
5. The credit quantity for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 11 connections are approved for export credits.

Export credit schedule for Orion NZ Ltd

(applicable from 1 April 2019 to 31 March 2020)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance.

For exporting generators that were in place prior to 6 December 2016 and approved by the Electricity Authority an additional credit reflecting any actual savings in Transpower charges is available (at the date of issue of this schedule, no exporting generators have been approved by the Electricity Authority). In addition to applying for our distribution credit, exporting customers can approach Transpower (for example, under Transpower's demand response program) for recognition of any transmission benefit, and approach their electricity retailer for recognition of the value of energy exported.

Export credits are based on electricity exported only during specific time periods. Our prices for credits are:

<i>(excluding GST)</i>				
Generator rated output	Period applied	Credit prices	Price Component Code ³	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	0.00370	EXPA	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	0.00010	EXPAPV	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	0.26260	EXPPP	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	0.0897	EXPCP1	\$/kW/day
- reactive power ⁵		0.0295	EXPCP2	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details, including metering requirements and how credit prices are applied, are available in our *Export Credits Policy* document available on our website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365/366 times the daily credit price.
5. The credit quantity for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 11 connections are approved for export credits.

Export and generation credit schedule for Orion NZ Ltd

(applicable from 1 April 2018 to 31 March 2019)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to our *Export and Generation Credits Policy* document, available on our website.

Export credit pricing

(excluding GST)

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator rated output	Period applied	Price Component Code ³	Credit Price	Unit of measure
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	EXPA	0.00920	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	EXPAPV	0.00030	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	EXPPP	0.64290	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	EXPCP1	0.2202	\$/kW/day
- reactive power ⁵		EXPCP2	0.0277	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365 times the daily credit price.
5. The credit quantity for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 14 connections are approved for export credits.

Generation credit pricing (closed)

(excluding GST)

The generation credits arrangement is closed and is not available to any new generation. For existing participating generation we signal "generation periods" and provide a credit that reflects generation support provided at times when the export credit (above) is not available. These credits are based on the generated volume, regardless of whether this results in export from the connection.

Generator rated output	Period applied	Price Component Code ³	Credit Price	Unit of measure
All participating generation (not available to any further generation)	Orion's ripple signalled generation period	GEN1	0.50000	\$/kWh

Notes for generation credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. These prices apply for the current group of approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Approximately 9 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2017 to 31 March 2018)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to our *Export and Generation Credits Policy* document, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator rated output	Period applied	Price Component Code ³	Credit Price	All prices exclude GST
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	EXPA	0.00930	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	EXPAPV	0.00030	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	EXPPP	0.64860	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	EXPCP1	0.2221	\$/kW/day
- reactive power ⁵		EXPCP2	0.0298	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365 times the daily credit price.
5. Credit quantities for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 18 connections are approved for export credits.

Generation credit pricing (closed)

The generation credits arrangement is closed and is not available to any new generation. For existing participating generation we signal "generation periods" and provide a credit that reflects generation support provided at times when the export credit (above) is not available. These credits are based on the generated volume, regardless of whether this results in export from the connection.

Generator rated output	Period applied	Price Component Code ³	Credit Price	All prices exclude GST
All participating generation (not available to any further generation)	Orion's ripple signalled generation period	GEN1	0.50000	\$/kWh

Notes for generation credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. These prices apply for the current group of approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Approximately 16 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2016 to 31 March 2017)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to our *Export and Generation Credits Policy* document, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator rated output	Period applied	Price Component Code ³	Credit Price	All prices exclude GST
0 - 30kW generation ²				
Anytime credits (without PV), or	Anytime	EXPA	0.01128	\$/kWh
Anytime credits (with PV)	(24 hours, 7 days)	EXPAPV	0.00039	\$/kWh
0 - 30kW generation ²				
Peak period credits (with or without PV)	Chargeable peak period	EXPPP	0.79020	\$/kWh
30 - 750kW Control period credits ⁴				
- real power, plus	Chargeable control period	EXPCP1	0.2706	\$/kW/day
- reactive power ⁵		EXPCP2	0.0299	\$/kVAr/day
above 750kW	<i>Individually assessed prices provided on application</i>			

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Control period credits are assessed during control periods and applied as an annual credit at 365 times the daily credit price.
5. Credit quantities for reactive power (kVAr) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
6. Approximately 18 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 500kW.

Generator rated output	Period applied	Price Component Code ³	Credit Price	All prices exclude GST
500 - 1200kW Generation period	Orion's ripple signalled generation period	GEN1	0.60000	\$/kWh
above 1200kW	<i>Individually assessed prices provided on application</i>			

Notes for generation credit pricing

1. Full details covering generation and metering requirements and application of prices are included in our *Export and Generation Credits Policy* document, available on Orion's website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files.
4. Approximately 16 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2015 to 31 March 2016)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator rated output	Period applied	Price Component Code ³	Distribution	Transmission	Delivery (total)	All prices exclude GST
0 - 30kW generation ²						
Anytime credits (without PV), or	Anytime	EXPA	0.427	0.655	1.082	¢/kWh
Anytime credits (with PV)	(24 hours, 7 days)	EXPAPV	0.015	0.023	0.038	¢/kWh
0 - 30kW generation ²						
Peak period credits (with or without PV)	Chargeable peak period	EXPPP	29.95	45.91	75.86	¢/kWh
30 - 750kW Control period credits						
- real power, plus	Chargeable control	EXPCP1	37.44	57.38	94.82	\$/avg kW/yr
- reactive power ⁴	period	EXPCP2	12.31	0.00	12.31	\$/avg kVA/yr
above 750 kW	<i>Individually assessed prices provided on application</i>					

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files, where distribution and transmission components are set out separately. All transmission components will use the given code with '-T' appended.
4. Credit quantities for reactive power (kVA) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
5. Approximately 25 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 500kW.

Generator rated output	Period applied	Price Component Code ³	Distribution	Transmission	Delivery	All prices exclude GST
500 - 1200 kW Generation period	Orion's ripple signalled generation period	GEN1	30.00	30.00	60.00	¢/kWh
above 1200 kW	<i>Individually assessed prices provided on application</i>					

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files, where distribution and transmission components are set out separately. All transmission components will use the given code with '-T' appended.
4. Approximately 16 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2014 to 31 March 2015)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Price Component Code ³	Distribution	Transmission	Delivery	All prices exclude GST
0 - 30kW generation ²						
Anytime credits (without PV), or	Anytime	EXPA	0.438	0.612	1.050	¢/kWh
Anytime credits (with PV)	(24 hours, 7 days)	EXPAPV	0.015	0.021	0.036	¢/kWh
0 - 30kW generation ²						
Peak period credits (with or without PV)	Chargeable peak period	EXPPP	30.70	42.86	73.56	¢/kWh
30 - 750kW Control period credits						
- real power, plus	Chargeable control	EXPCP1	38.38	53.57	91.95	\$/avg kW/yr
- reactive power	period	EXPCP2	12.61	0.00	12.61	\$/avg kVA/yr
above 750 kW	<i>Individually assessed prices provided on application</i>					

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small 0 to 30kW generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files, where distribution and transmission components are set out separately. All transmission components will use the given code with '-T' appended.
4. Credit quantities for reactive power (kVA) export is limited to 33% of the credit quantity for real power (kW) export in each half hour period, the equivalent of exporting with a 0.95 lagging power factor.
5. Approximately 24 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 500kW.

Generator output	Period applied	Price Component Code ³	Distribution	Transmission	Delivery	All prices exclude GST
500 - 1200 kW Generation period	Orion's ripple signalled generation period	GEN1	30.00	30.00	60.00	¢/kWh
above 1200 kW	<i>Individually assessed prices provided on application</i>					

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. The price component code is used in our mandatory 'electricity information exchange protocol' files, where distribution and transmission components are set out separately. All transmission components will use the given code with '-T' appended.
4. Approximately 16 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2013 to 31 March 2014)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.525	0.472	0.997	¢/kWh
- or -					
0 - 30kW Peak period credits ²	General connection chargeable peak period	36.80	33.10	69.90	¢/kWh
30 - 750kW Control period credits	Major customer control period				
- real power		45.96	41.37	87.33	\$/avg kW/yr
- reactive power		15.11	0.00	15.11	\$/avg kVAr/yr
above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. Approximately 23 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 300kW.

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
300 - 750kW Generation period	Orion's ripple signalled generation period	30.00	30.00	60.00	¢/kWh
Above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. Approximately 15 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2012 to 31 March 2013)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.593	0.431	1.024	¢/kWh
- or -					
0 - 30kW Peak period credits ²	General connection chargeable peak period	41.50	30.20	71.70	¢/kWh
30 - 750kW Control period credits	Major customer control period				
- real power		51.88	37.71	89.59	\$/avg kW/yr
- reactive power		17.05	0.00	17.05	\$/avg kVA/yr

above 750 kW

Individually assessed prices provided on application

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. Approximately 22 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 100kW.

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
300 - 750kW Generation period	Orion's ripple signalled generation period	30.0	30.0	60.00	¢/kWh

Above 750 kW

Individually assessed prices provided on application

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. Approximately 13 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2011 to 31 March 2012)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.593	0.407	1.000	¢/kWh
- or -					
0 - 30kW Peak period credits ²	General connection chargeable peak period	41.50	28.50	70.00	¢/kWh
30 - 750kW Control period credits	Major customer control period				
- real power		51.88	35.64	87.52	\$/avg kW/yr
- reactive power		17.05	0.00	17.05	\$/avg kVA/yr

above 750 kW

Individually assessed prices provided on application

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. Approximately 22 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 100kW.

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
100 - 750kW Generation period	Orion's ripple signalled generation period	30.0	30.0	60.00	¢/kWh

Above 750 kW

Individually assessed prices provided on application

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. Approximately 38 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2010 to 31 March 2011)



This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.657	0.410	1.067	¢/kWh
- or -					
0 - 30kW Peak period credits ²	General connection chargeable peak period	38.40	24.00	62.40	¢/kWh
30 - 750kW Control period credits					
- real power	Major customer control period	57.53	35.95	93.48	\$/avg kW/yr
- reactive power		18.91	0.00	18.91	\$/avg kVAr/yr

above 750 kW

Individually assessed prices provided on application

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. Approximately 19 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 30kW.

Generator output	Period applied	Distribution	Transmission	Delivery	All prices exclude GST
30 - 750kW Generation period	Orion's ripple signalled generation period	30.0	30.0	60.00	¢/kWh

Above 750 kW

Individually assessed prices provided on application

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. Approximately 33 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2009 to 31 March 2010)



(excluding GST)

This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.705	0.421	1.126	¢/kWh
- or -					
0 - 30kW Peak period credits ²	General connection chargeable peak period	41.20	24.60	65.80	¢/kWh
30 - 750kW Control period credits	Major customer control period				
- real power		61.75	36.90	98.65	\$/avg kW/yr
- reactive power		20.30	0.00	20.30	\$/avg kVAr/yr
above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. Approximately 20 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to consumers with generation in excess of 30kW.

Generator output	Period applied	Distribution	Transmission	Delivery	
30 - 750kW Generation period	Orion's ripple signalled generation period	32.0	33.0	65.00	¢/kWh
Above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.
3. Approximately 26 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2008 to 31 March 2009)



(excluding GST)

This schedule lists the credit prices that we use to credit electricity retailers or directly contracted customers for exports or contributions from their distributed generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on our website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	
0 - 30kW Anytime credits ²	Anytime (24 hours, 7 days)	0.664	0.530	1.194	¢/kWh
- or -					
0 - 30kW Peak period credits	General connection chargeable peak period, by zone	38.80	30.90	69.70	¢/kWh
30 - 750kW Control period credits	Major customer control period, by zone				
- real power		58.14	46.40	104.54	\$/avg kW/yr
- reactive power		19.11	0.00	19.11	\$/avg kVAr/yr
above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. Small generators may elect (in advance) to receive the alternative peak period based credits, subject to the installation of appropriate metering to record peak period export.
3. As at January 2008, approximately 16 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to all consumers with generation in excess of 30kVA.

Generator output	Period applied	Distribution	Transmission	Delivery	
30 - 750kW Generation period	Orion's ripple signalled generation period	32.0	33.0	65.00	¢/kWh
Above 750 kW	<i>Individually assessed prices provided on application</i>				

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on our website.
2. These prices apply for pre-approved generation during our ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods. As at January 2008, approximately 33 connections are approved for generation credits.

Export and generation credits

(applicable from 1 April 2007 to 31 March 2008)



(excluding GST)

This schedule lists the credit prices that Orion uses to credit electricity retailers or directly contracted customers for exports or contributions from their embedded generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on Orion's website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	
Small (0 - 5 kVA) ²	<i>Standard 'general connection' peak and capacity delivery prices apply at all times</i>				
Medium (5 - 30 kVA) ³	General connection chargeable peak period, by zone	45.0	24.4	69.40	¢/kWh
Large (30 - 1000 kVA) ³	Major customer control period, by zone				
- Real power		63.10	32.70	95.80	\$/avg kW/yr
- Reactive power		20.60	10.70	31.30	\$/avg kVAr/yr

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. For small generators, export volumes are not included with a retailer's chargeable GXP volumes and are therefore not charged. This is effectively a credit to the retailer at the delivery prices applying to general connections.
3. These credit prices apply to export pre-approved embedded generators of up to 1 megawatt output rating. Orion will individually consider credit prices for larger generators. As at February 2007, approximately 20 connections are approved for export credits.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to all consumers with generation in excess of 30kVA.

Generator output	Period applied	Distribution	Transmission	Delivery	
Large (30 - 1000 kVA) - Real energy	Orion's ripple signalled generation period	25.0	25.0	50.00	¢/kWh

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. These prices apply for pre-approved generation during Orion's ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods. As at February 2007, approximately 42 connections are approved for generation credits.



Export and generation credits

Applicable from 1 April 2006 to 31 March 2007

(excluding GST)

This schedule lists the credit prices that Orion uses to credit electricity retailers or directly contracted customers for exports or contributions from their embedded generation. The credits do not represent the purchase of electricity. They are a recognition of the value to Orion in providing its delivery service. Credits are only available for generation approved by Orion and customers must apply in advance. For further details refer to the document *Application of export and generation credits*, available on Orion's website.

Export credit pricing

Orion provides credits for electricity exported on to Orion's network during specified periods. The prices for these credits are:

Generator output	Period applied	Distribution	Transmission	Delivery	
Small (0 - 5 kVA) ²	Standard 'general connection' peak and capacity delivery prices apply at all times				
Medium (5 - 30 kVA) ³	General connection chargeable peak period, by zone	45.0	24.4	69.40	¢/kWh
Large (30 - 1000 kVA) ³					
- Real power	Major customer control period, by zone	63.10	32.70	95.80	\$/avg kW/yr
- Reactive power		20.60	10.70	31.30	\$/avg kVAr/yr

Notes for export credit pricing

1. Full details covering generation and metering requirements and application of prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. For small generators, export volumes are not included with a retailer's chargeable GXP volumes and are therefore not charged. This is effectively a credit to the retailer at the delivery prices applying to general connections.
3. These credit prices apply to export from pre-approved embedded generators of up to 1 megawatt output rating. Orion will individually consider credit prices for larger generators.

Generation credit pricing

In addition to the credits above, Orion provides credits for generation at other times. These credits are based on the generated volume, regardless of whether this results in export from the connection, and are available to all consumers with generation in excess of 30kVA.

Generator output	Period applied	Distribution	Transmission	Delivery	
Large (30 - 1000 kVA) - Real energy	Orion's ripple signalled generation period	23.0	22.0	45.00	¢/kWh

Notes for generation credit pricing

1. Full details covering generation requirements and the application of credit prices are included in the document *Application of export and generation credits*, available on Orion's website.
2. These prices apply for pre-approved generation during Orion's ripple signalled generation period. The total duration of generation periods is likely to vary significantly from year to year. In some years there may be no generation periods.



Export prices for distributed generation

Applicable from 1 April 2004 to 31 March 2006

The prices below represent Orion's credit to Electricity Retailers reflecting the benefit to Orion from embedded generation. The credit does not represent the purchase of this electricity. The retailer receiving the credit is the retailer who has contracted to purchase the output from the generator. For pricing purposes, generators are grouped according to their generator output ratings in kilowatts (kW):

Distributed Generator Output Rating	Line	Transmission	Delivery	
Small (0 - 5 kW) ²	<i>Standard 'General Connection' delivery prices apply at all times</i>			
<i>During Chargeable Peak Periods Only</i>				
Medium (5 - 30 kW) ³	45.00	24.40	69.40	c/kWh
Large (> 30 kW) - Real Power ³	67.50	36.60	104.10	\$/avg kW/yr
Large (> 30 kW) - Reactive Power ³	22.00	11.90	33.90	\$/avg kVAr/yr

Notes

- GST is credited in addition to these prices.
- For Small generators, export volumes are not included with a retailer's chargeable GXP volumes and are therefore not charged. This is effectively a credit to the retailer at the delivery prices applying to general connections.
- For Medium and Large generators the prices relate to Orion's Chargeable Peak Period only, defined as complete half hour periods (beginning or ending on the hour) occurring while Orion is undertaking load management to control peak loading. If there are fewer than ten such half hours in a season, the difference will be made up using the half hours of highest loadings during the season.
- The same prices apply in all of Orion's zones.
- The retailer is responsible for ensuring that appropriate metering is in place to record the exported quantities, and for providing the quantities to Orion for Orion to apply the credits.
- Minimum metering required is:
 - For Small generators - Import & export kWh meters with reverse stops or a combined import/export kWh meter that records import and export volumes separately (that is, 'net metering' is not permitted).
 - For Medium generators - As for small generators for low exported kWh volumes and/or where the retailer agrees. Otherwise, import/export half-hour recording kWh meter.
 - For Large generators with a capacity between 30 kW and 350 kW connected to Orion's low voltage network - Import/export half-hour recording kWh meter.
 - For Large generators where exported reactive power is to be considered, or where the capacity exceeds 350 kW, or where the generator is connected to Orion's high voltage network - 4-quadrant meter that records, for every half-hour:
 - Net real energy (kWh) imported or exported; and
 - Net reactive energy (kVArh) imported or exported.
 Note that any net import of reactive power during the Chargeable Peak Period is charged at the prices above, rather than credited.
- These prices do not apply to exporting generators in place prior to 31 March 2004 and electing to stay on the pricing basis described in section 10 of the document "Electricity Delivery Pricing for Major Customer Connections".
- These prices apply to export from distributed generators of up to 1 megawatt output rating.