



# **DS5003**

## **Centralines' Default Price-Quality Path**

### **Annual Price-Setting Compliance Statement**

#### **2020-2021**

**For the assessment period ending 31 March 2021**

Pursuant to Electricity Distribution Services Default Price-Quality Path Determination 2020

Data Classification: Public

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# DS5003

## Centralines' Default Price-Quality Path Annual Price-Setting Compliance Statement 2020-2021

### Overview

**Document status**      Draft       **In Service**       Under Review       Archived

**Document**      Regulatory disclosure demonstrating Centralines' compliance with the Default Price-Quality Path in respect of price setting for the 2020-2021 assessment period.

**Intended audience**      Publically disclosed.

**Document contributors**

Contributors	Name and Position Title	Approval Date
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Approver	Nathan Strong General Manager Business Assurance	05/03/2020

**Disclaimer**      The information presented in this annual Price-Setting Compliance Statement has been prepared solely for the purpose of complying with the requirements of the Electricity Distribution Services Default Price-Quality Path Determination 2020. This statement has not been prepared for any other purpose. Centralines Limited expressly disclaims any liability to any other party who may rely on this Statement for any other purpose.

*Continued on next page*

## Overview, Continued

### Certification of Annual Compliance Statement



#### **CERTIFICATION FOR ANNUAL PRICE-SETTING COMPLIANCE STATEMENT**

Pursuant to Schedule 6

We, Jon Nichols and Derek Walker, being Directors of Centralines Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached annual price-setting compliance statement of Centralines Limited, and related information, prepared for the purposes of the Electricity Distribution Services Default Price-Quality Path Determination 2020 has been prepared in accordance with all the relevant requirements, and all forecasts used in the calculations for forecast revenue from prices and forecast allowable revenue are reasonable.



Jon Nichols, Board Chairman

Date: 24<sup>th</sup> March 2020



Derek Walker, Audit and Risk Committee Chairman

Date: 24<sup>th</sup> March 2020

## Overview, Continued

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**Key dates**      **Published Date**                      27/03/2020

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**Related references**      **Legislation**

- Electricity Distribution Services Default Price-Quality Path Determination 2020
- Commerce Act 1986

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**Clarification**      Clarification of any matter referred to in this document should be directed to:

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# 1. Introduction

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## 1.1 Introduction

Centralines Limited's (Centralines) electricity distribution business is subject to the Electricity Distribution Services Default Price-Quality Path Determination 2020 (2020 DPP Determination) under the Commerce Act 1986.

Before each 12-month assessment period, Centralines must demonstrate compliance with the price path specified in clause 8 of the 2020 DPP Determination.

The 2020 DPP Determination requires Centralines to provide an Annual Price-Setting Compliance Statement (Statement) to the Commission. This Statement must include Centralines' forecasts of:

- forecast revenue from prices, and
- forecast allowable revenue.

The Statement must also include supporting information for all components of these calculations. This information is provided as follows:

- Section 3 summarises the components of forecast allowable revenue
- Section 4 and *Appendix B* provide information about forecast revenue from prices, and
- Section 5 contains a more detailed breakdown of forecast allowable revenue.

It should be noted that the volume forecasts prepared for the purpose of setting prices were determined in January 2020 in order to meet the contractual deadline of notifying prices to retailers by 31 January 2020. Subsequently, COVID-19 has emerged as a significant forecast risk which may cause actual volumes to diverge significantly from forecasts. Nevertheless, at the time volume forecasts were prepared, they were based on available information and trends assuming a 'business as usual' economic environment. They are considered demonstrably reasonable at the time they were prepared.

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## 2. Statement of Compliance

### 2.1 Compliance with 11.2(a)

As required by 11.2(a) of the Determination, this Statement confirms Centralines' compliance with the price path in clause 8.3 in respect of the first assessment period ending 31 March 2021.

A full list of compliance requirements and references in this Statement are contained in *Appendix A*.

### 2.2 Demonstrating Compliance

The price-path compliance requirement in clause 8.3 of the 2020 DPP Determination provides that for the first assessment period:

***Forecast revenue from prices for that assessment period must not exceed the forecast allowable revenue for that assessment period.***

Centralines has complied with the price path for the assessment period 1 April 2020 to 31 March 2021 (2021 Assessment Period) as demonstrated in Table 1<sup>1</sup>.

Forecast Revenue from Prices (\$)	Forecast Allowable Revenue (\$)	Compliance Test Result
12,643,240	13,073,878	Complies because forecast revenue from prices ≤ forecast allowable revenue.

**Table 1 – Demonstrating Compliance with the Price Path**

<sup>1</sup> The underlying calculations show cost in \$k terms. This may cause apparent rounding inconsistencies in this document. These inconsistencies do not affect the overall compliance calculations which are based on the more accurate figures.

### 3. Forecast Allowable Revenue

**3.1 Summary** The 2021 Assessment Period is the first annual assessment period under the 2020 DPP Determination. Centralines' 'forecast allowable revenue' for each annual assessment period is determined in accordance with the following formula:

$$\text{FAR} = \text{FNAR} + \text{FPRC} + \text{OWAB} + \text{PTBA}$$

Where:

*FAR* : Forecast allowable revenue

*FNAR* : Forecast net allowable revenue

*FPRC* : Forecast pass-through and recoverable costs

*OWAB* : Opening wash-up account balance

*PTBA* : Pass-through balance allowance

**3.1 Calculation** The calculation of Centralines' forecast allowable revenue for the 2021 Assessment period is provided in Table 2.

Calculation Components	Amount (\$)
<b>FNAR<sub>2021</sub></b>	9,367,000
<b>FPRC<sub>2021</sub></b>	3,598,328
<b>OWAB<sub>2021</sub></b>	0
<b>PTBA<sub>2021</sub></b>	108,550
<b>FAR<sub>2021</sub></b>	<b>13,073,878</b>

**Table 2 – Calculation of Centralines' Forecast Allowable Revenue**

**3.2 Components** The three components of forecast allowable revenue for the 2021 Assessment period are described in more detail below.

***Forecast Net Allowable Revenue – FNAR<sub>2021</sub>***

Forecast net allowable revenue for the first assessment period is the actual net allowable revenue, as specified in Schedule 1.1 of the 2020 DPP Determination. This amount is \$9,367,000.

***Forecast Pass-through and Recoverable Costs – FPRC<sub>2021</sub>***

This is Centralines' forecast of pass-through and recoverable costs for the year. These costs must be demonstrably reasonable. For the 2021 Assessment Period, the forecast amount is \$3,598,328. *Point 5.3* provides more detail about how these forecast values were determined.

*Continued on next page*

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## Forecast Allowable Revenue, Continued

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### 3.2 Components (cont)

#### ***Opening Wash-up Account Balance – OWAB<sub>2021</sub>***

The 'opening wash-up account balance' for the first and second assessment periods of the 2020-25 DPP regulatory period is nil.

#### ***Pass-through Balance Allowance – PTBA<sub>2021</sub>***

The Pass-through Balance Allowance for the first assessment period is \$108,550.

For the first assessment period the allowance is calculated in accordance with the formula:

*(-1) x demonstrably reasonable estimate amount of the pass-through balance as of March 2020 x (1 + 67<sup>th</sup> percentile of post-tax WACC)*

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## 4. Forecast Revenue from Prices

**4.1 Summary** Centralines' forecast revenue from prices is equal to the total of each of its prices multiplied by the forecast quantities they will apply to. The 2020 DPP Determination requires that these forecasts are demonstrably reasonable.

### 4.2 Demonstrating compliance

The forecasts are prepared for the next financial year using:

- information from recent billing data, and
- the number of 'Active' connections from the Electricity Authority's Registry.

The forecasts are developed from the specific price options.

The forecast electricity consumption is also compared to recent retailer submissions to the wholesale electricity market. This ensures consistency with historical electricity usage.

Table 3 summarises how the forecasts align with historic data for Centralines and indicates that the forecasts align within the expected Network consumption. More detail about the methodology and the outputs is included in *Appendix B*.

GWh	Actuals			Forecast	
	2017	2018	2019	2020*	2021
<b>Industrial</b>	29.3	29.4	30.5	30.1	29.9
<b>Commercial</b>	17.1	17.1	18.0	17.4	17.4
<b>Irrigator</b>	7.5	5.4	5.3	3.7	3.9
<b>Non Domestic</b>	13.2	13.2	13.3	13.8	13.8
<b>Residential</b>	38.1	40.3	41.7	41.0	40.4
<b>Network</b>	<b>105.2</b>	<b>105.4</b>	<b>108.7</b>	<b>106.1</b>	<b>105.4</b>

\* The revised forecast for 2020 was prepared in November 2019.

**Table 3 – Summary of 2020 and 2021 Forecasts in Comparison to Previous Financial Years' Billing Data**

The slight decline in Residential volumes in 2021 is due to weather variation and the reduction in number of days in the year.

A summary of Centralines' forecast revenue from prices is included in Table 4. *Appendix C* contains the full table of prices and forecast quantities for the 2021 pricing year.

	$\sum(P_{2021} \times Q \text{ forecast } 2021)$
<b>Central Hawke's Bay</b>	<b>\$ 12,643,240</b>

**Table 4 – Summary of Centralines' Forecast Revenue from Prices (\$000)**

## 5. Analysis of the Components and Calculation of Forecast Allowable Revenue

**5.1 Summary** This section provides a breakdown of the components of forecast allowable revenue, in particular:

- forecast pass-through and recoverable costs, and
- pass-through balance allowance.

In the first assessment period 'forecast net allowable revenue' is the actual net allowable revenue, as specified in Schedule 1.1 of the 2020 DPP Determination. The amount is \$9,367,000 so no calculation is necessary for this component of forecast allowable revenue.

The 'opening wash-up account balance' for the first and second assessment periods of the 2020-25 DPP regulatory period is nil.

### 5.2 Forecast pass-through and recoverable costs

The DPP 2020 Determination requires forecasts of pass-through and recoverable costs. Tables 6 and 7 provide a breakdown of Centralines' forecast pass-through and recoverable cost forecasts for the year ending 31 March 2021. The costs total \$3,598,328.

Component	\$
Electricity Authority Levies	22,100
Commerce Commission Levies	26,400
Utilities Disputes Levies	4,700
Local Authority Rates	41,048
<b>Total Forecast Pass-through Costs</b>	<b>94,248</b>

Table 6 – Forecast Pass-through Costs

*Continued on next page*

## Analysis of the Components and Calculation of Forecast Allowable Revenue, Continued

### 5.2 Forecast pass-through and recoverable costs (cont)

Component	\$
Transpower Connection Charges	703,164
Transpower Interconnection Charges	1,864,589
Transpower New Investment Charges	0
Distributed Generation Allowance	0
Quality Incentive Allowance	86,077
CAPEX Wash-up Adjustment	0
CAPEX Incentive	0
OPEX Incentive	839,000
Fire and Emergency NZ Levies	11,250
<b>Total Forecast Recoverable Costs</b>	<b>3,504,080</b>

Table 7 – Forecast Recoverable Costs

Component	\$
Total Forecast Pass-through Costs	94,248
Total Forecast Recoverable Costs	3,504,080
<b>Total Forecast Recoverable and Pass-through Costs – FPRC</b>	<b>3,598,328</b>

Table 8 – Total Forecast Recoverable and Pass-through Costs

*Continued on next page*

## Analysis of the Components and Calculation of Forecast Allowable Revenue, Continued

### 5.3 Demonstrating forecast pass-through and recoverable costs

Schedule 1.5 (3) of the DPP 2020 Determination requires that all forecasts of pass-through costs and recoverable costs used to calculate 'forecast allowable revenue' must be 'demonstrably reasonable'.

Tables 8 and 9 summarise the methodology Centralines has applied to determine its forecasts of pass-through and recoverable costs. In Centralines' opinion all of these methods deliver acceptable forecasts in the context they are used.

Pass-through Cost Component	Forecasting Methodology
<b>Electricity Authority Levies</b>	Quantities are forecast for the period using historical behaviour. The most recent levy rates are used as the best forecast of future levy rates.
<b>Commerce Commission Levies</b>	The most recent invoice is used as the best approximation.
<b>Utilities Disputes Levies</b>	Based on historical costs
<b>Local Authority Rates</b>	A forecast % change is used for each Local Authority based on historical rate movements.

**Table 9 – Method of Forecasting Pass-through Costs**

*Continued on next page*

## Analysis of the Components and Calculation of Forecast Allowable Revenue, Continued

### 5.3 Demonstrating forecast pass-through and recoverable costs (cont)

Recoverable Cost Component	Forecasting Methodology
<b>Transpower Connection Charges</b>	As notified by Transpower.
<b>Transpower Interconnection Charges</b>	As notified by Transpower.
<b>Transpower New Investment Charges</b>	As notified by Transpower.
<b>Distributed Generation Allowance</b>	Based on generation during the Transmission measurement period and Transpower's interconnection charge for the pricing year.
<b>Quality Incentive Adjustment</b>	Determined for 2017/18 regulatory year (adjusted for time value of money).
<b>Capex Wash-up Adjustment</b>	N/A for first assessment period. Second assessment period adjustment will be forecast using the Input Methodologies formula.
<b>Fire and Emergency New Zealand Levies</b>	Forecast is based on historical costs.

**Table 10 – Method of Forecasting Recoverable Costs**

*Continued on next page*

## Analysis of the Components and Calculation of Forecast Allowable Revenue, Continued

### 5.4 Pass-through balance allowance

For the first assessment period the pass-through balance allowance (PTBA) is calculated in accordance with the formula:

$$(-1) \times \text{demonstrably reasonable estimate amount of the pass-through balance as of March 2020} \times (1 + 67^{\text{th}} \text{ percentile of post-tax WACC})$$

Component	\$
Forecast Recoverable Revenue 2020	2,280,000
Forecast Recoverable Costs 2020	3,727,461
Recoverable Revenue less Costs 2020	(1,447,461)
Pass-through Balance 2019	1,343,316
Pass-through Balance 2020	(104,145)
WACC	4.23%
<b>Pass-through Balance Allowance (PTBA)</b>	<b>108,550</b>

## Appendix A – Compliance References

The following tables describe the Determination requirements and the section of this Statement that addresses them.

**Table A.1: Price Path Summary**

Determination Clause	Requirement	Section of this Document
8.3	The forecast revenue from prices for the first assessment period must not exceed the forecast allowable revenue for that assessment period.	2.1

**Table A.2: Annual Price-setting Compliance Statement**

Determination Clause	Requirement	Section of this Document
An annual price-setting compliance statement must be provided to the Commission consisting of:		
11.2(a)	A statement indicating whether or not Centralines has complied with the price path in clause 8 for the assessment period.	2.1
11.2(b)	The date on which the statement was prepared.	Cover
11.2(c)	A certificate in the form set out in Schedule 6, signed by at least one Director of Centralines.	Overview
11.3(a)	Centralines' calculation of its forecast revenue from prices together with supporting information for all components of the calculation.	4
11.3(b)	Centralines' calculation of its forecast allowable revenue together with supporting information for all components of the calculation.	3
11.3(c)	Any reasons for non-compliance.	N/A
11.3(d)	Actions taken to mitigate any non-compliance and to prevent similar non-compliance in future assessment periods.	N/A

## Appendix B – Revenue Forecasting

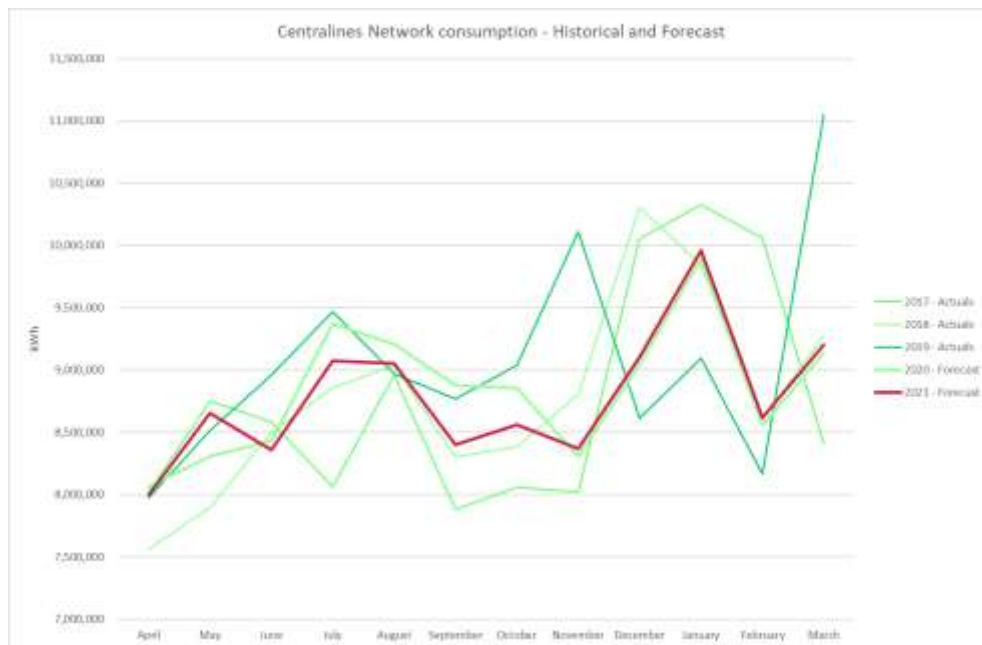
Centralines' prices contain fixed daily charges and volume charges. The forecasts are developed from the specific price options for each price category.

The forecasts are prepared for the next financial year using a range of available information.

1. Recent billing data submitted by retailers – this includes volume data across the various price options.

Note, submitted billing data can fluctuate significantly due to a variety of reasons:

- concentration of connections with a significant retailer
- accuracy of billing data in months that experience a seasonality change, and
- slow/infrequent meter reading of irrigation and rural ICPs.



The graph above shows that Centralines' forecast consumption for financial year 2021 is within the band of recent billing data submissions. Centralines' consumption and network loading can be significantly influenced by Irrigation connections. The seasonality and associated consumption makes these connections extremely challenging to forecast along with the infrequent meter reading cycles.

*Continued on next page*



## Appendix B – Revenue Forecasting, Continued

2. The number of 'Active' connections from the Electricity Authority's Registry.

This process assists in capturing changes that occur as a result of new connections, upgrades, downgrades and price category changes. Daily charges are only applicable to connections that are 'Active' in Centralines' network.

Active Connections	Registry				Forecast
	2017	2018	2019	2020*	2021
Industrial	3	3	3	3	3
Commercial	104	113	115	117	117
Irrigator	75	75	77	78	78
Non Domestic	2,052	2,023	2,002	2,004	2,004
Residential	5,960	6,040	6,120	6,181	6,221
<b>Grand Total</b>	<b>8,194</b>	<b>8,254</b>	<b>8,317</b>	<b>8,383</b>	<b>8,423</b>

\* Active connections as at 30 October 2019

As the table above demonstrates the majority of connection growth in Centralines has been residential over the last four years.

Forecast adjustments and assumptions are applied for:

- changes in the number of days (e.g. leap years)
- seasonal weather adjustment to normalise consumption to average market submissions in the last five financial years
- growth of Residential Connections – 40 Standard residential connections and associated volumes (beyond existing connections as at October 2019). New connection enquiries for Centralines are predominantly residential, and
- minimal/lack of price switching in Centralines.

The following table summarises how the forecasts align with historic data in GWh for Centralines. It indicates that the forecasts align within the expected network consumption.

GWh	Actuals			Forecast	
	2017	2018	2019	2020*	2021
Industrial	29.3	29.4	30.5	30.1	29.9
Commercial	17.1	17.1	18.0	17.4	17.4
Irrigator	7.5	5.4	5.3	3.7	3.9
Non Domestic	13.2	13.2	13.3	13.8	13.8
Residential	38.1	40.3	41.7	41.0	40.4
<b>Network</b>	<b>105.2</b>	<b>105.4</b>	<b>108.7</b>	<b>106.1</b>	<b>105.4</b>

\* The revised forecast for 2020 was prepared in November 2019.

## Appendix C – Prices and Forecast Quantities for Pricing Year 2021

Price Code	Rate 2020-21	Forecast Quantity	Forecast Revenue
F-C-CH1	0.1500	1,004,115.00	150,617.25
E-C-CH1-24UC	0.1960	4,540,361.17	889,910.79
E-C-CH1-AICO	0.1670	8,419,791.34	1,406,105.15
E-C-CH1-CTRL	0.1240	539,899.76	66,947.57
E-C-CH1-CTUD	0.2520	307,642.08	77,525.80
E-C-CH1-DGEN	0.0000	78,898.71	0.00
E-C-CH1-NITE	0.0650	136,150.36	8,849.77
E-C-CH1-PROJ	0.1960	4,902.66	960.92
F-C-CH2R	1.4000	1,187,330.00	1,662,262.00
E-C-CH2R-24UC	0.1390	10,518,699.79	1,462,099.27
E-C-CH2R-AICO	0.1100	12,958,499.72	1,425,434.97
E-C-CH2R-CTRL	0.0670	974,721.65	65,306.35
E-C-CH2R-CTUD	0.1790	548,541.73	98,188.97
E-C-CH2R-DGEN	0.0000	85,853.58	0.00
E-C-CH2R-NITE	0.0460	254,617.54	11,712.41
E-C-CH2R-PROJ	0.1390	2,197.28	305.42
F-C-CH1T	0.1500	42,340.00	6,351.00
E-C-CH1T-ONPK	0.2670	188,367.22	50,294.05
E-C-CH1T-OFPK	0.1580	345,161.22	54,535.47
E-C-CH1T-CTRL	0.1240	13,645.37	1,692.03
E-C-CH1T-DGEN	0.0000	0.00	0.00
E-C-CH1T-KVAR	7.7500	0.00	0.00
E-C-CH1T-NITE	0.0650	0.00	0.00
E-C-CH1T-PROJ	0.2670	34,983.54	9,340.61
F-C-CH2T	1.4000	11,680.00	16,352.00
E-C-CH2T-ONPK	0.2100	130,357.89	27,375.16
E-C-CH2T-OFPK	0.1010	215,737.67	21,789.50
E-C-CH2T-CTRL	0.0670	3,304.40	221.39
E-C-CH2T-DGEN	0.0000	0.00	0.00
E-C-CH2T-KVAR	7.7500	0.00	0.00
E-C-CH2T-NITE	0.0460	0.00	0.00
E-C-CH2T-PROJ	0.2100	3,487.61	732.40
F-C-CH1G	0.1500	6,570.00	985.50
E-C-CH1G-24UC	0.2270	46,304.21	10,511.06
E-C-CH1G-AICO	0.1980	5,436.49	1,076.42

Price Code	Rate 2020-21	Forecast Quantity	Forecast Revenue
E-C-CH1G-CTRL	0.1550	0.00	0.00
E-C-CH1G-CTUD	0.2920	0.00	0.00
E-C-CH1G-DGEN	0.0000	22,426.96	0.00
E-C-CH1G-NITE	0.0750	0.00	0.00
E-C-CH1G-PROJ	0.2270	0.00	0.00
F-C-CH2G	2.0800	13,140.00	27,331.20
E-C-CH2G-24UC	0.1390	145,616.86	20,240.74
E-C-CH2G-AICO	0.1100	67,363.45	7,409.98
E-C-CH2G-CTRL	0.0670	0.00	0.00
E-C-CH2G-CTUD	0.1790	1,352.05	242.02
E-C-CH2G-NITE	0.0460	10.09	0.46
E-C-CH2G-DGEN	0.0000	72,785.96	0.00
E-C-CH2G-PROJ	0.1390	0.00	0.00
F-C-CH2L	1.8000	476,325.00	857,385.00
E-C-CH2L-24UC	0.1170	2,792,208.39	326,688.38
E-C-CH2L-CTRL	0.0640	24,628.37	1,576.22
E-C-CH2L-CTUD	0.1590	45,666.00	7,260.89
E-C-CH2L-DGEN	0.0000	0.00	0.00
E-C-CH2L-NITE	0.0390	22,067.00	860.61
E-C-CH2L-PROJ	0.1170	4,096.00	479.23
F-C-CH2H	1.4000	194,545.00	272,363.00
E-C-CH2H-24UC	0.1410	8,705,694.28	1,227,502.89
E-C-CH2H-CTRL	0.0880	130,591.00	11,492.01
E-C-CH2H-CTUD	0.1830	855,156.83	156,493.70
E-C-CH2H-DGEN	0.0000	0.00	0.00
E-C-CH2H-NITE	0.0630	320,216.39	20,173.63
E-C-CH2H-PROJ	0.1410	38,153.00	5,379.57
F-C-CH2I	7.0000	28,470.00	199,290.00
E-C-CH2I-24UC	0.1050	1,742,721.28	182,985.73
E-C-CH2I-CTRL	0.0580	122.00	7.08
E-C-CH2I-CTUD	0.1430	1,431,770.00	204,743.11
E-C-CH2I-DGEN	0.0000	0.00	0.00
E-C-CH2I-DMND	5.0000	0.00	0.00
E-C-CH2I-KVAR	7.7500	0.00	0.00
E-C-CH2I-NITE	0.0350	709,650.00	24,837.75
E-C-CH2I-PROJ	0.1050	0.00	0.00
E-C-CH2I-SOPD	8.5000	0.00	0.00
E-C-CH2I-TAIC	0.0000	0.00	0.00

Price Code	Rate 2020-21	Forecast Quantity	Forecast Revenue
E-C-CH2I-WOPD	8.5000	0.00	0.00
F-C-CH3	6.5000	31,025.00	201,662.50
E-C-CH3-24UC	0.1100	4,090,744.58	449,981.90
E-C-CH3-CTRL	0.0605	22,189.00	1,342.43
E-C-CH3-CTUD	0.1500	996,119.44	149,417.92
E-C-CH3-DGEN	0.0000	1,271.00	0.00
E-C-CH3-DMND	5.0000	2,163.58	10,817.90
E-C-CH3-KVAR	7.7500	382.10	2,961.28
E-C-CH3-NITE	0.0360	395,205.71	14,227.41
E-C-CH3-PROJ	0.1100	31.00	3.41
E-C-CH3-SOPD	8.5000	2,080.48	17,684.08
E-C-CH3-TAIC	0.0000	744,723.00	0.00
E-C-CH3-WOPD	8.5000	0.00	0.00
F-C-CH4	24.0000	8,030.00	192,720.00
E-C-CH4-24UC	0.0750	2,234,245.56	167,568.42
E-C-CH4-CTRL	0.0413	0.00	0.00
E-C-CH4-CTUD	0.1020	976,570.00	99,610.14
E-C-CH4-DGEN	0.0000	1,020.00	0.00
E-C-CH4-DMND	5.0000	5,288.70	26,443.50
E-C-CH4-KVAR	7.7500	931.47	7,218.92
E-C-CH4-NITE	0.0250	299,836.00	7,495.90
E-C-CH4-PROJ	0.0750	27,900.00	2,092.50
E-C-CH4-SOPD	8.5000	5,104.62	43,389.27
E-C-CH4-TAIC	0.0000	1,980,877.00	0.00
E-C-CH4-WOPD	8.5000	0.00	0.00
F-C-CH5	40.0000	3,285.00	131,400.00
E-C-CH5-DEFT	0.0800	0.00	0.00
E-C-CH5-DMND	4.3000	15,910.96	68,417.13
E-C-CH5-KVAR	7.7500	1,736.99	13,461.65
E-C-CH5-SOPD	8.5000	15,512.02	131,852.17
E-C-CH5-TAIC	0.0000	4,951,088.00	0.00
E-C-CH5-WOPD	8.5000	0.00	0.00
F-C-CH6	50.0000	365.00	18,250.00
E-C-CH6-DEFT	0.0800	0.00	0.00
E-C-CH6-DMND	4.3000	3,131.66	13,466.14
E-C-CH6-KVAR	7.7500	461.58	3,577.25
E-C-CH6-SOPD	8.5000	2,998.48	25,487.08
E-C-CH6-TAIC	0.0000	660,094.00	0.00

Price Code	Rate 2020-21	Forecast Quantity	Forecast Revenue
E-C-CH6-WOPD	8.5000	0.00	0.00
F-C-CH7	55.0000	0.00	0.00
E-C-CH7-DEFT	0.0800	0.00	0.00
E-C-CH7-DMND	4.3000	0.00	0.00
E-C-CH7-KVAR	7.7500	0.00	0.00
E-C-CH7-SOPD	8.5000	0.00	0.00
E-C-CH7-TAIC	0.0000	0.00	0.00
E-C-CH7-WOPD	8.5000	0.00	0.00
F-C-CH8	89.5000	365.00	32,667.50
E-C-CH8-DEFT	0.0600	0.00	0.00
E-C-CH8-DMND	4.3000	1,761.48	7,574.36
E-C-CH8-KVAR	7.7500	28.59	221.55
E-C-CH8-SOPD	8.5000	0.00	0.00
E-C-CH8-TAIC	0.0000	577,636.00	0.00
E-C-CH8-WOPD	8.5000	1,725.36	14,665.56
F-C-CH9	89.5000	0.00	0.00
E-C-CH9-DEFT	0.0600	0.00	0.00
E-C-CH9-DMND	4.3000	0.00	0.00
E-C-CH9-KVAR	7.7500	0.00	0.00
E-C-CH9-SOPD	8.5000	0.00	0.00
E-C-CH9-TAIC	0.0000	0.00	0.00
E-C-CH9-WOPD	8.5000	0.00	0.00
F-C-CH10	89.5000	0.00	0.00
E-C-CH10-DEFT	0.0600	0.00	0.00
E-C-CH10-DMND	4.3000	0.00	0.00
E-C-CH10-KVAR	7.7500	0.00	0.00
E-C-CH10-SOPD	8.5000	0.00	0.00
E-C-CH10-TAIC	0.0000	0.00	0.00
E-C-CH10-WOPD	8.5000	0.00	0.00
F-C-CH11	89.5000	365.00	32,667.50
E-C-CH11-DEFT	0.0400	0.00	0.00
E-C-CH11-DMND	4.3000	15,477.60	66,553.68
E-C-CH11-KVAR	7.7500	146.00	1,131.50
E-C-CH11-SOPD	8.5000	14,955.00	127,117.50
E-C-CH11-TAIC	0.0000	7,181,090.00	0.00
E-C-CH11-WOPD	8.5000	0.00	0.00
F-C-CH12	495.0000	365.00	180,675.00
E-C-CH12-DEFT	0.0400	0.00	0.00

Price Code	Rate 2020-21	Forecast Quantity	Forecast Revenue
E-C-CH12-DMND	4.3000	46,556.46	200,192.78
E-C-CH12-KVAR	7.7500	5,348.52	41,451.03
E-C-CH12-SOPD	8.5000	46,257.50	393,188.75
E-C-CH12-TAIC	0.0000	22,125,971.00	0.00
E-C-CH12-WOPD	8.5000	0.00	0.00
F-C-CH13	89.5000	0.00	0.00
E-C-CH13-DMND	5.0000	0.00	0.00
E-C-CH13-KVAR	7.7500	0.00	0.00
E-C-CH13-SOPD	8.5000	0.00	0.00
E-C-CH13-TAIC	0.0000	0.00	0.00
E-C-CH13-WOPD	8.5000	0.00	0.00
E-C-U01-UNMT	0.2100	322,662.80	67,759.19
F-C-U02	0.1500	327,875.00	49,181.25
E-C-U02-UNMT	0.0400	430,915.20	17,236.61
F-C-U03	0.1500	54,168.00	8,125.20
E-C-U03-UNMT	0.0400	109,862.75	4,394.51
F-C-T1P	1.5500	4,015.00	6,223.25
E-C-T1P-24UC	0.1383	5,277.00	729.81
E-C-Minimum	- 55.0000*	2,490.00	- 136,950.00
E-C-Maximum	- 5,850.0000*	19.00	- 111,150.00
E-C-kWh	- 0.01978*	62,850,946.96	- 1,243,191.73
<b>Forecast Revenue from Prices</b>			<b>12,643,240.12</b>

\* Centralines' discount.