

MDCL

Real World Results

Marco Auriti, Chief Engineer
Touch Canada Broadcasting Limited Partnership





Construction
Began in
Spring 2014

On The Air
June 2015

Nautel Webinars



MDCL Activated June 2016



Date & Time
 Tue Apr 4 2017
 13:56:24
 Scheduler: Off

Transmitter (CJLI)
33.0 kW
 Analog AM
 700kHz
 Reflected 0 kW Set Point 50.0kW
 Preset: 50 kW

Exciter
 Active Exciter A
 L+R Modulation
 -100% -Pk:97 RMS:17 +Pk:94 +140%
 Envelope Magnitude
 0% RMS:37 +Pk:57 100%

Presets : Current Settings

- Load
- Save
- Save New
- Delete

General	Analog Settings	Digital Settings	Audio Loss
AM Source	Balanced Analog		
Bal Analog Input Level	10 dBm		
Format	Mono L		
Filter Type	None		
NRSC-1 Preemphasis	Off		
Dynamic Carrier Control	AMC		
Max DCC Compression	3.00 dB		
AMSS	Disable		

CHARGE DETAILS August 2015

Site Id	Consumption	Retailer (\$)	Distributor (\$)	Third Party
Touch Canada Broadcasting LP SE 20 20 02 5				
0040001711815	50,750.622 kWh	3,210.11	1,533.61	21.
Touch Canada Broadcasting LP NE 10 50 26 4				
0040001561966	55,457.766 kWh	3,507.77	1,133.70	23.

CHARGE DETAILS August 2016

Site Id	Consumption	Retailer (\$)	Distributor (\$)	Third Party (
Touch Canada Broadcasting LP SE 20 20 02 5				
0040001711815	23,580.889 kWh	1,502.79	1,392.55	7.7
Touch Canada Broadcasting LP NE 10 50 26 4				
0040001561966	52,945.669 kWh	3,370.40	1,557.98	17.3

Eight Months of Comparison

Consumption kWh		Consumption kWh		Difference	Saving
July 2015	44779.384	July 2016	23884.484	20894.9	1274.59
Aug 2015	50750.622	Aug 2016	23580.889	27169.733	1657.35
Sept 2015	35083.258	Sept 2016	21870.333	13212.925	805.99
Oct 2015	32424.265	Oct 2016	21935.383	10488.882	639.82
Nov 2015	28886.104	Nov 2016	20139.711	8746.393	533.53
Dec 2015	30224.039	Dec 2016	20759.523	9464.516	577.34
Jan 2016	29855.579	Jan 2017	19940.055	9915.524	604.85
Feb 2016	31116.847	Feb 2017	20137.595	10979.252	669.73

110872.125 kWh
39.16% Less

\$6763.20

Thank-You

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