



# ADOPTED BUDGET SUMMARY

	Calendar		YEAR		2018
Algona Municipal Utilities <b>NAME OF ENTERPRISE</b>	<i>(specify fiscal or calendar year budget)</i>				
	Budget	Re-Estimated	Actual		
<i>(specify budget years)</i>	2018	2017	2016		
<b>REVENUES &amp; OTHER FINANCING SOURCES</b>					
Use of Money and Property (line 398)	241 0	271 0	301 0		
Charges for Services (line 414)	243 20,647,000	273 20,363,000	303 19,600,364		
Miscellaneous (line 416)	245 1,000,000	275 1,173,000	305 1,187,109		
Operating Transfers In (line 417)	247 0	277 0	307 0		
Proceeds of Long Term Debt (line 418)	248 2,500,000	278 0	308 0		
Proceeds of Fixed Asset Sales (line 419)	249 0	279 0	309 0		
<b>Total Revenues &amp; Other Financing Sources</b>	<b>250 24,147,000</b>	<b>280 21,536,000</b>	<b>310 20,787,473</b>		
<b>EXPENDITURES &amp; TRANSFERS OUT</b>					
Expenditures (line 386)	255 21,553,150	285 22,072,850	315 16,788,928		
Transfers Out (line 387)	259 515,000	289 516,000	319 512,105		
<b>Total Expenditures &amp; Transfers Out</b>	<b>260 22,068,150</b>	<b>290 22,588,850</b>	<b>320 17,301,033</b>		
<b>Excess of Revenues &amp; Other Sources Over (Under) Expenditures &amp; Transfers Out</b>					
	261 2,078,850	291 -1,052,850	321 3,486,440		
<b>BEGINNING</b> Fund Balance (line 390)	262 9,238,408	292 10,291,258	322 6,804,818		
<b>ENDING</b> Fund Balance (line 388)	263 11,317,258	293 9,238,408	323 10,291,258		

Algona Municipal Utilities  
**NAME OF ENTERPRISE**

**REVENUES DETAIL**

	(specify budget years)	Calendar		
		Budget 2018	Re-Estimated 2017	Actual 2016
<b>Beginning Fund Balance</b>	390	9,238,408	10,291,258	6,804,818
Use of Money & Property	398			
Charges for Services:				
Hospital	411			
Water	404	1,310,000	1,158,000	1,151,100
Sewer	405			
Electric	406	16,163,000	15,586,000	15,079,500
Gas	407			
Telecommunications	408	3,174,000	3,619,000	3,369,764
<b>Total Charges for Services</b>	414	20,647,000	20,363,000	19,600,364
Miscellaneous	416	1,000,000	1,173,000	1,187,109
Other Financing Sources:				
Operating Transfers In	417			
Proceeds of Long Term Debt	418	2,500,000		
Proceeds of Fixed Asset Sales	419			
<b>Total Revenues - All Sources</b>	421	33,385,408	31,827,258	27,592,291

**EXPENDITURES DETAIL**

	(specify budget years)	Calendar		
		Budget 2018	Re-Estimated 2017	Actual 2016
Expenditures:				
Hospital	338			
Water	360	1,998,650	1,179,000	841,447
Sewer	357			
Electric	361	15,994,000	17,204,850	12,911,706
Gas	362			
Telecommunications	363	3,560,500	3,689,000	3,035,775
<b>Total Expenditures:</b>	386	21,553,150	22,072,850	16,788,928
Transfers Out	387	515,000	516,000	512,105
<b>Ending Fund Balance</b>	388	11,317,258	9,238,408	10,291,258
<b>Total Expenditures &amp; Transfers Out</b>	389	33,385,408	31,827,258	27,592,291

**BUDGET ESTIMATE**  
**For**  
**Year Ending December 31, 2018**

**Electric Fund**

Estimated Receipts

Sale of Electricity	\$ 11,751,000	
Wholesale of Capacity & Energy	4,412,000	
Other Receipts	800,000	
<b>Total Estimated Receipts</b>		<b>\$ 16,963,000</b>

Other Funds Available

Operating Cash	3,000,000	
Employee Medical Self Ins. Fund	18,000	
Electric Transmission Reserve Fund	125,000	
Electric Revenue Bond Sinking Fund	137,500	
Electric Improvement Fund	100,000	
Electric Rev Debt Reserve Fund	1,679,000	
Electric Capacity Reserve Fund	750,000	
Electric Self Insured Reserve Fund	150,000	
<b>Total Estimated Other Funds</b>		<b>\$ 5,959,500</b>

**Total Estimated Funds Available** \$ 22,922,500

Estimated Expenditures

Plant Operation, Maint, & Pwr Purchased	\$ 10,599,000	
Maint Distribution & Transmission Lines	438,000	
Meter Reading, Supp, & Old Accounts	164,000	
Sales Expense & Energy Audits	122,000	
Administration	330,000	
Property Taxes	220,000	
General & Other Expense	930,000	
Other Expense & Rebates	129,000	
Capital Outlay	1,358,250	
Interest on Revenue Bonds	456,600	
Electric Revenue Bonds Redeemed	1,222,150	
Mdse, Jobbing Expense	25,000	
Transfer to City	400,000	
<b>Total Estimated Expenditures</b>		<b>\$ 16,394,000</b>

Transfer to Sinking & Loan Funds

Operating Cash	3,000,000	
Employee Medical Self Ins. Fund	45,000	
Electric Transmission Reserve Fund	252,000	
Electric Revenue Bond Sinking Fund	137,500	
Electric Improvement Fund	515,000	
Electric Rev Debt Reserve Fund	1,679,000	
Electric Capacity Reserve Fund	750,000	
Electric Self Insured Reserve Fund	150,000	
<b>Total Estimated Transfer</b>		<b>\$ 6,528,500</b>

**Total Estimated Expenditures & Transfer** \$ 22,922,500

**BUDGET ESTIMATE**  
**For**  
**Year Ending December 31, 2018**

**Water Fund**

Estimated Receipts

Sale of Water	\$ 1,310,000	
Other Receipts	107,000	
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<b>Total Estimated Receipts</b>		1,417,000

Other Funds Available

Operating Cash	300,000	
Operating Cash	3,300	
Water Revenue Bond Sinking Fund	19,500	
Waterworks Improvement Fund	1,600,000	
Water Revenue Debt Reserve Fund	242,700	
Water Self Insured Reserve	101,600	
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<b>Total Estimated Other Funds</b>		<u>2,267,100</u>

<b>Total Estimated Funds Available</b>		<u><u>\$ 3,684,100</u></u>
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Estimated Expenditures

Plant & Wells Operation & Maintenance	\$ 279,000	
Maintenance Main, Service & Meters	95,000	
Meter Reading Supplies & Account	72,000	
Administration & General	285,000	
Other Expenses	3,000	
Mdse, Jobbing Expense	12,500	
Capital Outlay	844,000	
Water Revenue Bonds Redeemed	298,000	
Interest on Revenue Bonds	110,150	
Transfer to City	45,000	
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<b>Total Estimated Expenditures</b>		<u>2,043,650</u>

Transfer to Sinking and Loan Funds

Operating Cash	285,925	
Medical Self Insurance	8,250	
Water Revenue Bond Sinking Fund	30,825	
Waterworks Improvement Fund	835,000	
Water Revenue Debt Reserve Fund	377,650	
Water Self Insured Reserve	102,800	
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<b>Total Estimated Transfer</b>		<u>1,640,450</u>

<b>Total Estimated Expenditures &amp; Transfer</b>		<u><u>\$ 3,684,100</u></u>
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**BUDGET ESTIMATE**  
**For**  
**Year Ending December 31, 2018**

**Communication Fund**

**Estimated Receipts**

Sales - Cable	\$ 1,224,000	
Sales - Internet	1,210,000	
Sales - Telephone	716,000	
Sales - Cell Phone	24,000	
Miscellaneous Receipts	<u>93,000</u>	
<b>Total Estimated Receipts</b>		<b>3,267,000</b>

**Other Funds Available**

Operating Cash	(150,000)	
Medical Self Insured Fund	8,700	
Contingency Reserve Fund	<u>1,000,000</u>	
<b>Total Estimated Other Fund</b>		<b><u>858,700</u></b>

**Total Estimated Fund Available** **\$ 4,125,700**

**Estimated Expenditures**

Cable - Programming	\$ 1,227,000	
Internet	145,000	
Telephone	138,000	
Cell Phone	-	
Maint, Dist, Equipment	295,000	
Admin & General	681,000	
Capital Outlay	305,500	
Property Taxes & Insurance	65,000	
Other Expenses	1,000	
Lease Payment to Electric	128,600	
Principal on Loans	431,400	
Interest on Loans	143,000	
Transfer to City	<u>70,000</u>	
<b>Total Estimated Expenditures</b>		<b><u>3,630,500</u></b>

**Transfer to Sinking Fund**

Operating Cash	473,450	
Medical Self Insured Fund	<u>21,750</u>	
<b>Total Estimated Transfer</b>		<b><u>495,200</u></b>

**Total Estimated Expenditures & Transfer** **\$ 4,125,700**

Description	2018	2019	2020	2021	2022
<b>Water</b>					
Business Office Improvements	\$ 30,000	\$ 2,000	\$ 4,000	\$ 2,000	\$ 2,000
Business Office Lighting Upgrades	\$ 12,000				
Security Camera System	\$ 17,760				
Door Security System	\$ 7,000				
Office Equipment - Computers/Servers	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
GIS Mapping & Hardware	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Water Distribution System Inventory	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Water Plant Improvements/Equipment Replacement	\$ 2,500	\$ 5,000	\$ 2,500	\$ 5,000	\$ 2,500
Well Improvements	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,000
New Well #9				\$ 225,000	
Replacement of Unit #7	\$ -	\$ 40,000	\$ -		
Line Locator	\$ 2,500		\$ -		
Bulk Water Filing Station	\$ 4,000				
Installation Labor of Water Meters & Remote Heads	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Tantalus Automated Meter Reader Infrastructure	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Water Meters and Remote Heads	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Water Main Replacement - New Installation - Dodge Street (Nebraska to Call)	\$ 240,000				
Water Main Replacement - New Installation - Main Street (Commercial to Poplar)	\$ 352,550				
Water Main Replacement - New Installation - Main Street (Poplar to Hwy. 18)		\$ 432,900			
Water Main Installation - New Installation - Finn Drive Loop (Poplar to Maple) - Share with Snap-On (50%)	\$ 120,000				
Water Main Installation - New Installation - Northpark/Norwood Loop - (Algona Glass to Super 8)			\$ 225,000		
Water Main Installation - New Installation - Hwy. 18 Loop (Country Club to Armory)					\$ 605,000
Water Main Replacement - New Installation - Main Street (Lucas to Commercial)				\$ 325,000	
Water Main, Water Valves and Water Service Repairs	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Water Service Replacements	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
<b>Water Total</b>	<b>\$ 843,810</b>	<b>\$ 535,400</b>	<b>\$ 297,000</b>	<b>\$ 612,500</b>	<b>\$ 675,000</b>

Description	2018	2019	2020	2021	2022
<b>Electric</b>					
Business Office Improvements	\$ 90,000	\$ 2,500	\$ 2,500	\$ 2,500	
Business Office Lighting Upgrades	\$ 36,000				
Electric Shop Lighting Upgrades	\$ 3,500				
Security Camera System	\$ 53,000				
Door Security System	\$ 21,000				
Office Equipment - Computers/Servers	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
GIS Hardware	\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	
Installation Labor for Tantalus AMI and Electric Meters	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	
Electric Meters and Accessories	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	
Replacement of Unit #5	\$ 40,000	\$ -	\$ -	\$ -	
Replacement of Unit #8		\$ 40,000			
Replacement of Unit #9		\$ -		\$ -	\$ 250,000
Replacement of 4 Wheeler	\$ 10,000				
LED Security Lights	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	
LED Building Lights	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	
Repairs to Unit #12	\$ 5,000				
Replacement of Unit #12				\$ 75,000	
Replacement of Swinger - Loader		\$ 85,000			
Boring Equipment Accessories	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	
Misc. Equipment	\$ 18,000	\$ 2,500	\$ 2,500	\$ 2,500	
Shop Heating System		\$ 50,000			
Neal 4 Capital Improvements	\$244,168	\$256,191	\$175,502	\$223,976	\$ 105,326
Lehigh Webster Substation Improvements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Raun Substation Improvements	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Service Phase Replacer	\$ 3,500				
Line Locator	\$ -	\$ 5,000	\$ -		\$ 5,000
3 Reel Conduit Trailer			\$ 15,000		
Rural Single Phase Improvements	\$ 40,000	\$ 60,000			
Hwy. 18 Underground Railroad to Fareway	\$ 25,000				
EB6 Upgrade - Eastland Heights Addition	\$ 60,000	\$ 60,000			
Burr Oak to Trailer Court Improvements	\$ 25,000	\$ 25,000			
Brookridge South to Trailer Court Improvements		\$ 100,000	\$ 100,000		
Lantry Street Underground including switchgear at Diagonal Street	\$ 75,000				
Misc. Electric Distribution System Improvements and Extensions	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Electric Distribution System Inventory	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Distribution Transformers	\$ 150,000	\$ 50,000	\$ 150,000	\$ 50,000	\$ 150,000
Power Plant SCADA Upgrades	\$ 50,000				
Misc. Improvements - Power Plant	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Power Plant Drive - Asphalt Project	\$ 32,000				
Replacement of Oil Circuit Breakers at West Substation				\$ 350,000	
Composite Lighting Arrestors - Substation Transformers	\$ 25,000				
Power Plant Relay and Control Panel Upgrades	\$ 125,000	\$ 350,000			
69 kV Control Panel Relay Replacement					
<b>Electric Total</b>	<b>\$ 1,358,168</b>	<b>\$ 1,298,191</b>	<b>\$ 657,502</b>	<b>\$ 915,976</b>	<b>\$ 647,826</b>

Description	2018	2019	2020	2021	2022
<b>Communications</b>					
Business Office Improvements	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Business Office Lighting Upgrades	\$ 12,000				
Security Camera System	\$ 17,760				
Door Security System	\$ 7,000				
Office Equipment - Computers/Servers	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
GIS Mapping & Hardware	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Test Equipment	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Replacement of Unit #19	\$ 40,000	\$ -	\$ -	\$ -	
Replacement of Unit #17			\$ 40,000		
Replacement of Unit #18				\$ 40,000	
Modems	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000
Communications Distribution System Improvements	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Communications Distribution System Inventory	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500	\$ 8,500
Headend Equipment Replacement and New Equipment	\$ 85,000	\$ 85,000	\$ 50,000	\$ 50,000	\$ 50,000
Customer Premise Equipment (ONT)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Customer Premise Equipment (STB)	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>Communications Total</b>	<b>\$ 305,260</b>	<b>\$ 228,500</b>	<b>\$ 233,500</b>	<b>\$ 233,500</b>	<b>\$ 193,500</b>
<b>Capital Budget Total</b>	<b>\$ 2,507,238</b>	<b>\$ 2,062,091</b>	<b>\$ 1,188,002</b>	<b>\$ 1,761,976</b>	<b>\$ 1,516,326</b>