

Meeting Minutes
ELECTRICAL COMMISSION
308 S. Pierre St. Pierre, SD
July 16, 2020 at 8:30 A.M. CDT

President Lyons called the meeting to order at 8:30 a.m. JJ Linn, Executive Director called the roll.

Members Present via conference call: Sean Lyons, Doug Fuerst, John Hoffman, and Tor Sorlien.

Others Present via conference call: JJ Linn – Executive Director, Roxie Mobley – Office Secretary, Graham Oey – Legal Counsel and Tony Jockheck – South Dakota Home Builders Association.

President Lyons welcomed new member Tor Sorlien to the Commission. President Lyons congratulated Doug Fuerst on being reappointed for a 3-year term.

The meeting agenda was presented. President Lyons requested additions or comments on the agenda. President Lyons declared the agenda correct as amended.

The May 27, 2020 Commission minutes were presented. President Lyons declared the minutes correct as presented as no comments were received from members.

President Lyons opened the floor to public input. No comments were received.

Inspectors report:

- Director Linn reviewed the June 10, 2020 Inspector meeting minutes.

Old Business:

- President Lyons stated there is no old business on the agenda.

New Business:

- President Lyons announced nominations are now in order for the office of President. Member Hoffman nominated Sean Lyons; Seconded by Sorlien. President Lyons requested additional nominations. Hearing none President Lyons declared Sean Lyons elected to the position of President by acclamation. President Lyons announced nominations are now in order for the office of Secretary/Treasurer. Member Fuerst nominated John Hoffman; Seconded by Lyons. President Lyons requested additional nominations. Hearing none President Lyons declared John Hoffman elected to the position of Secretary/Treasurer by acclamation.
- President Lyons requested Director Linn to provide an update on the adoption of the 2020 NEC: The Commission met on 5/27/20 to approve the reverted rules regarding the adoption of the 2020 NEC. IRRG approved the adoption process on 6/9/20. The Commission adopted the 2020 NEC with 4 new exceptions on 7/1/20. The four new exception are summarized as follows:
 - 210.8(F) GFCI for AC units
 - 230.67 Surge protection
 - 210.8(A) GFCI for 250 Volt (Guidance: reverts to 2017 verbiage)
 - 406.9(C) Bathroom GFCI (Guidance: reverts to 2017 verbiage)

President Lyons inquired whether the Commission could review the exceptions at future meetings. Director Linn informed the Commission the rules are a working document and can be reviewed and presented for additions/deletions at any time. The Commission would be required to utilize the rule adoption process for any changes.

Member Hoffman requested the staff to email licensees for input on outdated sections in existing wiring bulletin. Director Linn noted the process is first addressed by inspectors, yet COVID affected the process for the 2020 adoption.

Note: 20:44:15:07 died due to concerns by IRRG.

Graham Oey exited the meeting at 8:51 A.M.

Reports:

- The reports for May 2020 to June 2020 were reviewed.

President's Report: No pending items at this time.

Executive Director's Report:

- Director Linn noted Member Hoffman inquired as to the process of discipline by the Commission. Director Linn informed the members of the new law that took effect 7-1-19. Director Linn and Oey will be more diligent in pursuing discipline when a situation warrants action.
- Director Linn informed the members the Commission will be actively pursuing a licensure/permit database once the budget allows to do so.
- Director Linn inquired as to which members are not currently set up to conduct a Zoom conference. Director Linn will contact those members to assist in getting set up for Zoom calls in the future.

President Lyons noted the next Commission meeting via Zoom is tentatively scheduled for October 15, 2020.

President Lyons requested comments from the members.

- Member Sorlien suggested contacting Iowa as to the database they are currently utilizing. Director Linn stated he will be in contact with multiple states when gathering information on what database will best fit South Dakota's needs.
- Member Hoffman inquired as to the utilization of virtual inspections. Director Linn informed the members that virtual inspections will be tested in rural areas in the near future.

President Lyons made a motion to adjourn the Commission meeting. Member Fuerst seconded the motion. A roll call vote was held. **MOTION PASSED.** (Fuerst-aye, Hoffman-aye, Sorlien-aye, Lyons-aye).

Meeting adjourned at 9:35 a.m.

H. Designated Machinery – Applied Engineering

Background:

Applied Engineering Inc. and The Freeman Co. are Aero Space machine shops. Both have operated in separate manufacturing buildings within the town of Yankton, SD for 30 plus years. In 2012 the “Loar Group” purchased the Freeman Co. and in 2016 purchased Applied Engineering Inc. Both companies continued to operate in separate building until 2019. In January 2019 Applied Engineering Inc. completed a 60k sq. ft. addition. The Freeman Co. was relocated to the new addition in 2019. The Freeman Co. equipment was disconnected in one building and reconnected in its new location. I have included a list of all the Freeman Co. equipment that was relocated, its power requirements and its original install date. The majority of this equipment was in operation for 10 to 20 years prior to its relocation.

Applied Engineering’s newest machinery is listed or the Commission is in the process, with the assistance of Applied Engineering, in documenting a listing/labeling.

Applied Engineering has a more complete understanding of the listing/labeling requirements of the state of SD since engaging in the review/labeling process.

Staff recommends approval of the list of equipment being designated as machinery.

SOUTH DAKOTA DEPARTMENT OF LABOR AND REGULATION
SOUTH DAKOTA ELECTRICAL COMMISSION

308 S. Pierre St., Pierre, SD 57501
Tel: 605.773.3573. Toll-Free: 1.800.233.7765 Fax: 605.773.6213 electrical.sd.gov

MACHINERY DESIGNATION APPLICATION

Entity Name: Applied Emg Inc. Contact Person: Randy Steffen

Tel: (605) 760 - 7432

Address: 2008 E Hwy 50 Yankton SD 57078
STREET CITY STATE ZIP

Installation Address: 2008 E Hwy 50 Yankton 57078
STREET CITY ZIP

Yes No: Entity presents application as official notice that Entity is designating the following equipment at the installation address as machinery.

Description of Machinery: All Equipment purchased prior to 1-1-18
See ATTACHED Document

Name of Professional Engineer involved: _____ License No.: _____

Please answer the following questions:

- Yes No: The machinery as a packaged unit is available in a listed form.
- Yes No: Has an electrical standard been prepared or adopted to which the machinery should conform. (e.g. NRTL or NFPA 79: Electrical Standard for Industrial Machinery)
- Yes No: The machinery is specific electrical equipment for use by the applying entity and not a line as manufactured, stored, sold, installed, or attached.
- Yes No: A label indicating the installation complies with nationally recognized standards or tests determining suitable usage for said installation in manner utilized has been adhered to machinery by 3rd party conducting field listing.
- Yes No: In the opinion of the Entity the machinery complies with NEC 670.
- Yes No: Entity accepts responsibility and liability for the machinery.
- Yes No: Entity is of the opinion the machinery is safe for the use intended.

By my signature below, I do solemnly swear the statements made herein are true and correct to the best of my knowledge and belief. Completion of this application does not guarantee approval.

Name: Randy Steffen

Position: Engineering Manager

SIGNATURE

8 / 26 / 20
DATE

To Submit: Mail or fax to the South Dakota Electrical Commission (contact information at the top of this form).

- Ensure your application includes:
- Signature and Date
 - Attach Stamped Engineering plans

South Dakota Electrical Commission

Machinery Designation Application 8-26-20

Equipment purchased prior to 1-1-2018

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8
Equip #	Description	Model #	Voltage	Amperage	Phase	Date	Electrical Listing ?
Electrical Requirement							
M175	Okuma Grown V4038 Vertical Mill	GROWN V	220	70	3	9/6/2001	
M204	Haas GR510 Gantry Mill	GR510	208	40	3	9/1/2007	UL
M184	Bridgport MH015-Y2 Mill	MH015-Y2	240	8	3	9/6/2001	
M148	Moore Tools Manual Drill/Mill	120235	208	4.5	3	9/6/2001	
M215	Lagun Mill	HRF-1540	230	30	3	9/6/2001	
M177	Mori Seiki ZL-200 Lathe	ZL-200SMC	220	139	3	9/6/2001	
M196	Star KJR-25 Swiss Lathe	KJR-25	220	20	3	9/6/2001	
M173	Citizen Cincom E32 Swiss Lathe	CINCOM E32	208	17KVA	3	9/6/2001	
M170	Citizen Cincom E32 Swiss Lathe	CINCOM E32	208	17KVA	3	9/6/2001	
M185	Hitachi Seiki HITEC-TURN23SII Lathe	HITEC-TURN23SII	480	50	3	9/6/2001	
M180	Falcon 200 Lathe	ERL	208	30KVA	3	9/6/2001	
M103	Hardinge CHNC I Lathe	CHNC 1	460	26	3	9/1/2002	
M210	Fryet Easy Turn ET20B Lathe	ET30B	220	80	3	3/1/2009	
M96	Hardinge Accuslide Lathe	ACCU SLIDE	240	20	3	9/6/2001	
M211	Summit Manual Lathe	SUMMIT	230	50	3	1/1/2009	
M123	Midland Manual Lathe	8733	240	30	3	1/1/1970	
M150	South Bend Manual Lathe		240	30	3		
M89	Hardinge Manual Lathe	DSM-59R	230	5.2	3	9/6/2001	
M98	Hardinge Manual Lathe	DSM-59R	220	30	3	9/6/2001	
M101	Harding Manual Lathe	B5M-59	220	10	3	9/6/2001	
M186	Glausing-Coibchester VS 13" Manual Lathe	VS13	230	11.5	3	9/6/2001	
M199	DeHOFF Gun-Drill	DH1922	460	10	3	9/6/2001	
M171	#7 Torrington Swager		480	30	3	9/6/2001	
M182	#7 Torrington Swager		480	30	3	12/1/2006	
M167	406 Abby Etna Swager		240	250	3	9/6/2001	
M167	Bourn and Koch Hob	AEDB-23-7	440	3.4KVA	3	9/1/2004	
M168	Forst R16 Horizontal Broach	RF16	220	30	3	9/1/2004	
M192	Sunnen Horizontal Hone	HTB-3000S	480	17	3	9/6/2001	
M156	Sunnen HL Horizontal Hone	HL-1500-D	230	41.5	3	9/6/2001	
M106	Sunnen 1802 Hone	MBC-1802-E	460	4.8	3	9/6/2001	
M157	Royal Master Grinder TG-12X4	TG-12X4	240	27	3	9/6/2001	
M108	Royal Master Grinder TG-12X4	TG-12X4	240	27	3	9/6/2001	
M159	Seny D44EH Thread Roller	D44EH	240	20	3	6/9/2001	
M191	Kent KGS-63AHD Surface Grinder	KGS-63AHD	220	15	3	10/1/2008	
M49	Hyd-Mech H-32 Bandsaw	H-12	220	14	3	9/6/2001	
M48	Greenerd Hydraulic Press					9/6/2001	
M48	Logan Hydraulic Press		230	30	3	9/6/2001	
	Blue 10 Ton Press		480	30	3	4/8/2015	

M150	Orbital Riveter		230	20	3	5/5/2016
M151	Everett Industries, Inc 14-16 Chopsaw		115	7.4	1	9/6/2001
M111	Zero Blast-N-Peen Bead Blaster					9/6/2001
	Zero Blast-N-Peen Bead Blaster		115	1.5	1	9/6/2001
	Vi-Brader COE-9 Tumbler					9/6/2001
	SpitFire Lapping Machine					9/6/2001
M01	Thermo Exhauster PE-305 Oven					3/30/2004
M02	Precision Quincy Oven EC-508					9/6/2001
M255	CDI	M700 8FT	220	16.7	1	2016
M253	CDI	M88 FB	240	25	3	2016
M250	Flex Wind	WSH-1-4-3M-FLEX	480	23	3	2016
M251	EASTMAN Cutting table	31-53285-1	220	10	1	2016
Column1	Column2	Column3	Column4	Column5	Column6	Column7
						Column8

SD Electrical Commission

GL Budget Performance

Revenue

Percentage Used

07/01/2020 to 12/31/2020

Description	Budget	Actual	Remaining	Percent Utilized
4293800 Permits - EC & CBE's	\$ 135,000.00	\$ 72,205.00	\$ 62,795.00	53.49%
4293801 Permits - HO	\$ 13,500.00	\$ 7,520.00	\$ 5,980.00	55.70%
4293802 Permits - Form B's	\$ 16,000.00	\$ 14,215.00	\$ 1,785.00	88.84%
4293803 EI License	\$ 260.00	\$ 880.00	\$ (620.00)	338.46%
4293804 EC License	\$ 17,400.00	\$ 29,100.00	\$ (11,700.00)	167.24%
4293805 CBE License	\$ 100.00	\$ 360.00	\$ (260.00)	360.00%
4293806 JM License	\$ 13,000.00	\$ 20,920.00	\$ (7,920.00)	160.92%
4293807 AE License	\$ 18,000.00	\$ 17,780.00	\$ 220.00	98.78%
4293808 IEC License	\$ 2,000.00	\$ 2,240.00	\$ (240.00)	112.00%
4293809 ICBE License	\$ 40.00	\$ 40.00	\$ -	100.00%
4293810 IJM License	\$ 1,000.00	\$ 1,680.00	\$ (680.00)	168.00%
4293811 EC Reciprocal License	\$ 5,000.00	\$ 2,300.00	\$ 2,700.00	46.00%
4293812 JM Reciprocal License	\$ 4,000.00	\$ 1,480.00	\$ 2,520.00	37.00%
4293813 Maintenance License	\$ 1,000.00	\$ 560.00	\$ 440.00	56.00%
4293814 Exam Fees	\$ 7,000.00	\$ 6,905.00	\$ 95.00	98.64%
4293815 Re-Exam Fees	\$ 2,000.00	\$ 720.00	\$ 1,280.00	36.00%
4293816 Undertaking Fees	\$ 5,000.00	\$ 2,575.00	\$ 2,425.00	51.50%
4293817 Inspection Fees	\$ 1,350,000.00	\$ 815,316.00	\$ 534,684.00	60.39%
4293818 Re-Inspection Fees	\$ 100,000.00	\$ 34,825.50	\$ 65,174.50	34.83%
4293819 501 (d) License Fees	\$ 100.00	\$ 320.00	\$ (220.00)	320.00%
4393200 Administrative Fees	\$ 25,000.00	\$ 21,842.00	\$ 3,158.00	87.37%
4393201 Re-Instatement Fees	\$ 10,000.00	\$ 16,900.00	\$ (6,900.00)	169.00%
4596110 Misc. Income	\$ 100.00	\$ 52.00	\$ 48.00	52.00%
4920045 Non-Operating Revenue - Interest	\$ 20,000.00	\$ 11,541.43	\$ 8,458.57	57.71%
Total Revenue	\$ 1,745,500.00	\$ 1,082,276.93	\$ 663,223.07	62.00%

SD Electrical Commission

GL Budget Performance

Expense

Percentage Used

07/01/2020 to 12/31/2020

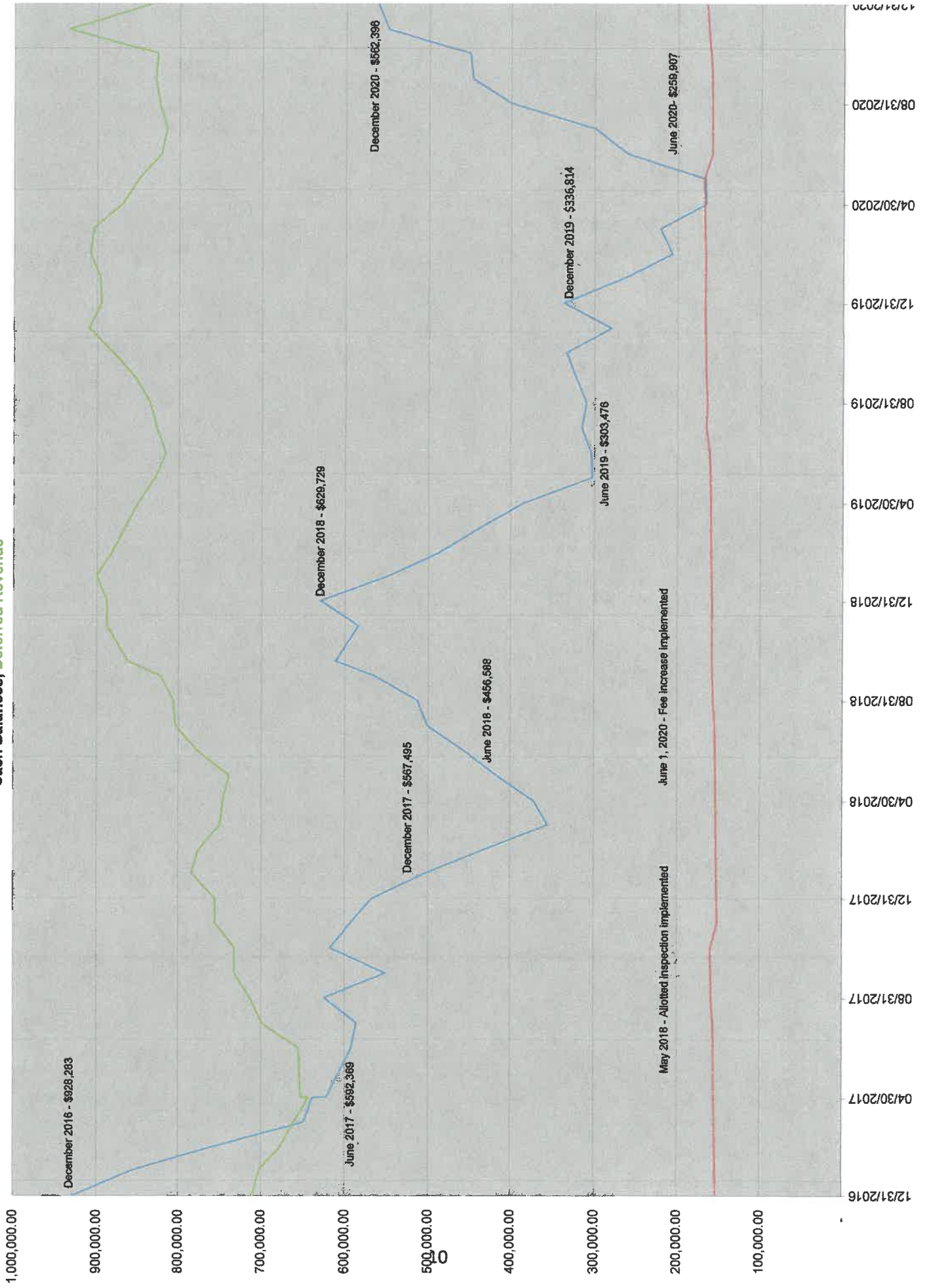
Description		Budget	Actual	Remaining	Percent Utilized
5201010	Salaries - Full Time	\$ 850,000.00	\$ 386,706.83	\$ 463,293.17	45.49%
5201020	Salaries - Part Time	\$ 60,000.00	\$ 33,370.68	\$ 26,629.32	55.62%
5201030	Salaries - Commission Members	\$ 2,000.00	\$ 180.00	\$ 1,820.00	9.00%
5202010	OASI	\$ 89,790.00	\$ 31,821.40	\$ 57,968.60	35.44%
5202020	Retirement	\$ 70,424.00	\$ 23,558.24	\$ 46,865.76	33.45%
5202060	Health Insurance	\$ 228,070.00	\$ 88,473.00	\$ 139,597.00	38.79%
5202080	Worker's Compensation	\$ 2,465.00	\$ 756.05	\$ 1,708.95	30.67%
5202090	Unemployment	\$ 1,174.00	\$ 420.19	\$ 753.81	35.79%
5203010	Fleet & Travel	\$ 240,000.00	\$ 104,024.78	\$ 135,975.22	43.34%
5203020	Private Car - Low Mileage	\$ 2,000.00	\$ 349.83	\$ 1,650.17	17.49%
5203030	Private Car - High Mileage	\$ 2,000.00	\$ -	\$ 2,000.00	0.00%
5203060	Air Travel	\$ 1,000.00	\$ -	\$ 1,000.00	0.00%
5203100	Lodging - In State	\$ 11,000.00	\$ 4,435.07	\$ 6,564.93	40.32%
5203120	Incidental Travel - In State	\$ 500.00	\$ -	\$ 500.00	0.00%
5203140	Meals - Taxable	\$ 41,710.00	\$ 16,390.00	\$ 25,320.00	39.30%
5203150	Meals - Non-taxable	\$ 10,000.00	\$ 3,102.00	\$ 6,898.00	31.02%
5203230	Auto - Out-of-State - High Miles	\$ 1,000.00	\$ -	\$ 1,000.00	0.00%
52032600	Air - Comm - Out of State	\$ 1,000.00	\$ -	\$ 1,000.00	0.00%
5203300	Lodging - Out of State	\$ 5,300.00	\$ -	\$ 5,300.00	0.00%
52103320	Incidentals - Out of State	\$ 200.00	\$ -	\$ 200.00	0.00%
5203350	Meals - Out of State	\$ 1,000.00	\$ -	\$ 1,000.00	0.00%
5204010	Subscriptions	\$ 300.00	\$ -	\$ 300.00	0.00%
5204020	Dues	\$ 4,900.00	\$ -	\$ 4,900.00	0.00%
5204160	Registration	\$ 5,300.00	\$ -	\$ 5,300.00	0.00%
5204180	BIT - Computer Services	\$ 60,000.00	\$ 21,974.25	\$ 38,025.75	36.62%
52041810	BIT - Development Costs	\$ 7,000.00	\$ 7,355.65	\$ (355.65)	105.08%
5204200	Central Serv - Records Mgmt.	\$ 35,000.00	\$ 15,112.24	\$ 19,887.76	43.18%
5204220	Equipment Service & Maintenance	\$ 1,500.00	\$ 734.32	\$ 765.68	48.95%
5204230	Janitorial	\$ 1,600.00	\$ 592.86	\$ 1,007.14	37.05%
5204360	Advertising	\$ 1,500.00	\$ -	\$ 1,500.00	0.00%
5204460	Equipment Rentals	\$ 100.00	\$ -	\$ 100.00	0.00%
5204490	Rent	\$ 13,000.00	\$ 6,251.22	\$ 6,748.78	48.09%
5204510	Rent Other	\$ 1,000.00	\$ -	\$ 1,000.00	0.00%
5204530	Telecommunications	\$ 24,000.00	\$ 9,861.50	\$ 14,138.50	41.09%
5204550	Garbage	\$ 200.00	\$ 44.83	\$ 155.17	22.42%
5204590	Insurance Premiums	\$ 6,000.00	\$ -	\$ 6,000.00	0.00%
5204960	Other Contractual Services	\$ 8,000.00	\$ 4,331.59	\$ 3,668.41	54.14%
5205020	Office Supplies	\$ 6,500.00	\$ 2,338.96	\$ 4,161.04	35.98%

5205028	Office Supplies - Other	\$	5,000.00	\$	61.59	\$	4,938.41	1.23%
5205040	Education Supplies	\$	1,000.00	\$	-	\$	1,000.00	0.00%
5205310	Printing - State	\$	2,000.00	\$	571.65	\$	1,428.35	28.58%
5205320	Printing - Commercial	\$	14,000.00	\$	9,063.89	\$	4,936.11	64.74%
5205330	Supplies	\$	2,000.00	\$	-	\$	2,000.00	0.00%
5205350	Postage	\$	16,000.00	\$	7,510.97	\$	8,489.03	46.94%
5205370	Clothing	\$	1,500.00	\$	-	\$	1,500.00	0.00%
5205980	Procurement	\$	2,000.00	\$	-	\$	2,000.00	0.00%
52074510	Office Furn & Fixtures	\$	500.00	\$	1,461.60	\$	(961.60)	292.32%
52074910	Telephone Equipment	\$	500.00	\$	375.60	\$	124.40	75.12%
5207900	Computer Hardware	\$	15,000.00	\$	1,148.29	\$	13,851.71	7.66%
5207960	Computer Software	\$	500.00	\$	-	\$	500.00	0.00%
5208080	Refund of Prior Yrs. Rev	\$	8,000.00	\$	2,520.00	\$	5,480.00	31.50%
5228000	Oper Trans Out	\$	70,000.00	\$	23,834.67	\$	46,165.33	34.05%
Total Expense		\$	1,934,533.00	\$	808,733.75	\$	1,125,799.25	41.81%

Revenue Over Expenses

\$	(189,033.00)	\$	273,543.18
-----------	---------------------	-----------	-------------------

**General Fund and Undertaking Fund
Cash Balances, Deferred Revenue**



South Dakota Electrical Commission

Inspectors Statistics 07/01/2020 and 12/31/2020

Inspector	BD	Permits	Transfers	Finals	ED	RI	DT	Other	Total Contacts
00 Administration	-	-	135	(135)	-	-	33	860	896
1 Brent Schouite	596	541	(21)	(439)	677	171	8	852	1,031
2 Stan Rogers	403	331	18	(317)	435	163	8	131	302
3 Kyle Dahl	715	404	(117)	(373)	629	277	15	717	1,009
5 Jason Wingert	631	524	(27)	(343)	785	332	-	854	1,186
6 Dan Larson	-	161	419	(219)	361	121	10	284	415
7 Anthony Rath	112	26	(98)	(40)	-	4	-	50	54
8 Thad Stoddard	493	461	85	(340)	699	159	1	376	536
10 Bob Jaskulka	691	308	(207)	(299)	493	229	5	327	561
11 Scott Ochsner	642	680	14	(512)	824	623	3	1,752	2,378
12 Dan Schoenfelder	611	437	(41)	(281)	726	239	9	896	1,144
13 Aaron Dimitt	450	286	110	(256)	590	160	6	1,087	1,253
14 Jeff Hotchkiss	526	246	(20)	(185)	567	120	1	335	456
17 Tom Kelly	189	163	(4)	(135)	213	112	-	134	246
21 Doug Brende	479	274	9	(218)	544	243	8	745	996
22 Curtis Mitchell	462	508	10	(449)	531	250	3	506	759
24 Tim Heairet	583	405	(58)	(249)	681	223	-	1,169	1,392
Totals:	7,583	5,755	207	(4,790)	8,755	3,426	110	11,075	14,614