CITY COUNCIL/ELECTRICAL ADVISORY COMMITTEE

May 12, 2010 - 6:00 p.m.

CITY COUNCIL
Gilbert X. Cheves, Mayor
Leo Evans, Mayor Pro-tem
Patricia Baribeau, Council Member
Brady Nelson, Council Member
Walter Baker, Council Member

ADMINISTRATION
James V. O'Toole, City Manager
Robert S. Richards, CMC, City Clerk
Ralph B.K. Peterson, City Attorney
Mike Furmanski, Electrical Superintendent

ELECTRICAL ADVISORY COMMITTEE
Ronald Beauchamp, Chairman
John Mellinger, Vice Chairman
Larry Arkens, Committee Member
Glendon Brown, Committee Member
Ann Bissell, Committee Member
Tim Wilson, Committee Member
John Anthony, Committee Member

City Council Chambers located at: City Hall - 410 Ludington Street - Room C101 - Escanaba, MI 49829

Joint Meeting Agenda
Wednesday, May 12, 2010

CALL TO ORDER
ROLL CALL – City Council Members and Electrical Advisory Committee Members
APPROVAL/CORRECTION/REVIEW (S) TO MINUTES: Joint Meeting Minutes of April 21, 2010
APPROVAL/ADJUSTMENTS TO AGENDA
CONFLICT OF INTEREST DECLARATION

NEW BUSINESS

1. **Update-Electric Department.**
   Administration will provide an overview and status report on activities and issues concerning the Electric Department including:

   a. General Operations/Electrical Distribution Update.
   b. Substation Request for Proposal(s) Update.
   c. Coal/Dock Storage Lease Agreement Update.

2. **Update-Power Generation.**
   The Escanaba Generating Plant operator will provide an overview and status report on activities and issues concerning the Power Plant.

   a. Power Plant Update.
   b. Peaking Generator (CT) Update.

3. **Management Briefing and Discussion – Various Issues.**
Explanation: Administration will update the City Council, Electrical Advisory Committee and Citizens of Escanaba on the various issues being evaluated with respect to the power supply scenarios and related issues. Discussion topics will include, but not be limited to:

a. **Plant Sale Negotiations/All Requirements Power Purchase Proposal(s)** – Administration will provide an update on the status of the short and long-term power supply options and an update on the status of the plant sale negotiations.
b. **Phase II, Environmental Site Assessment** – Administration will provide an update on the Phase II, Environmental Site Assessment.
c. **Fix For Float Contract Analysis–** Administration will provide an update on the April and May 2010, Cargill Fix for Float Block Power Purchase.
d. **Generator Availability Data System (GADS) –** Administration will provide an overview on the recently filed GADS report to MISO.

GENERAL PUBLIC COMMENT
COUNCIL/COMMITTEE, STAFF REPORTS
ANNOUNCEMENTS
ADJOURNMENT

Respectfully Submitted,

James V. O'Toole
City Manager

City of Escanaba, Michigan

Event Report

10/01/2009 To 03/31/2010 (Inc. OMC)

Escanaba Combustion Turbine

Event Start Date/Time	Event End Date/Time	Event Duration	Eq Hrs	Event Num	Event Index	Event Type	Event Red	Event Cap	Cause Code	Event Description
10/01/2009 00:00	12/31/2009 23:59	2208.98	2,208.98	1	1	U1	15	0	5044	Not enough fuel getting to atomizers
01/01/2010 00:00		2159.00	2,159.00	1	1	U1	15	0	5044	Not enough fuel getting to atomizers

City of Escanaba, Michigan

Event Report

10/01/2009 To 03/31/2010 (Inc. OMC)

Escanaba Steam Unit #1

Event Start Date/Time	Event End Date/Time	Event Duration	Eq Hrs	Event Num	Event Index	Event Type	Event Red	Event Cap	Cause Code	Event Description
10/01/2009 00:00	10/15/2009 08:07	344.12	0.00	1	1	RS	0	0	0	Shut down for economical opportunities
12/02/2009 21:07	12/15/2009 06:53	297.77	0.00	2	1	RS	0	0	0	MISO did not dispatch
12/15/2009 08:15	12/31/2009 23:59	399.73	79.95	3	1	D1	2.5	10	3440	#4 feedwater heater down
12/18/2009 00:00	12/20/2009 19:56	67.93	0.00	4	1	RS	0	0	0	MISO did not dispatch
12/21/2009 22:12	12/31/2009 23:59	241.78	0.00	5	1	RS	0	0	0	MISO did not dispatch
01/01/2010 00:00	01/21/2010 23:59	503.98	100.80	1	1	D1	2.5	10	3440	#4 feedwater heater down
01/01/2010 00:00	01/04/2010 05:37	77.62	0.00	2	1	RS	0	0	0	MISO did not dispatch
01/13/2010 21:21	02/04/2010 07:55	514.57	0.00	3	1	RS	0	0	0	MISO did not dispatch
02/09/2010 08:55	02/18/2010 23:59	231.07	0.00	4	1	RS	0	0	0	MISO did not dispatch
02/19/2010 00:00		983.00	983.00	5	1	PO	12.5	0	4830	Planned Outage

City of Escanaba, Michigan

Event Report

10/01/2009 To 03/31/2010 (Inc. OMC)

Escanaba Steam Unit #2

Event Start Date/Time	Event End Date/Time	Event Duration	Eq Hrs	Event Num	Event Index	Event Type	Event Red	Event Cap	Cause Code	Event Description
10/15/2009 09:17	10/27/2009 07:52	286.58	286.58	1	1	U1	12.5	0	4261	Power Piston linkage binding
11/13/2009 22:00	11/30/2009 08:27	394.45	0.00	2	1	RS	0	0	0	Shut down for economical opportunities
01/05/2010 10:17	01/05/2010 11:59	1.70	1.70	1	1	U1	12.5	0	4860	Generator neutral ground trip
02/05/2010 12:11	02/08/2010 07:41	67.50	0.00	2	1	RS	0	0	0	MISO did not dispatch
02/16/2010 00:00	02/16/2010 23:59	23.98	5.76	3	1	D1	3	9.5	3330	High condenser back pressure
02/17/2010 00:00		1031.00	123.72	4	1	D1	1.5	11	3330	High condenser back pressure

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.50	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	2933.71	2834.35
Load Characteristics	5	2	2
Attempted Starts	0	1	1
Actual Starts	0	1	1
Load Description			
Service Hours	0.00	399.88	457.42
Reserve Hours	0.00	344.12	0.00
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.57	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	3785.68	1943.18
Load Characteristics	5	2	2
Attempted Starts	0	0	1
Actual Starts	0	0	1
Load Description			
Service Hours	0.00	721.00	326.55
Reserve Hours	0.00	0.00	394.45
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.50	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	292.21	5602.99
Load Characteristics	5	2	1
Attempted Starts	0	2	0
Actual Starts	0	2	0
Load Description			
Service Hours	0.00	136.52	744.00
Reserve Hours	0.00	607.48	0.00
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.50	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	1498.30	5512.14
Load Characteristics	5	2	2
Attempted Starts	0	1	0
Actual Starts	0	1	0
Load Description			
Service Hours	0.00	231.78	742.30
Reserve Hours	0.00	512.22	0.00
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.50	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	679.85	4010.01
Load Characteristics	5	2	2
Attempted Starts	0	1	1
Actual Starts	0	1	1
Load Description			
Service Hours	0.00	121.01	604.50
Reserve Hours	0.00	310.99	67.50
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00

	ESCCT	ESCST1	ESCST2
Net Maximum Capacity	15.00	12.50	12.50
Net Dependable Capacity	15.00	12.50	12.50
Net Actual Generation	0.00	0.00	5400.37
Load Characteristics	5	2	2
Attempted Starts	0	0	0
Actual Starts	0	0	0
Load Description			
Service Hours	0.00	0.00	743.00
Reserve Hours	0.00	0.00	0.00
Pump Hour	0.00	0.00	0.00
Synchronous Hours	0.00	0.00	0.00