Tremonton City Corporation
City Council Meeting
July 5, 2016
Meeting to be held at
102 South Tremont Street
Tremonton, Utah

AGENDA

CITY COUNCIL WORKSHOP
6:00 p.m.

1. Review of agenda items on the 7:00 p.m. City Council Meeting
2. Review of different options for disposing of a 1953 Ford Customline vehicle that was donated to the City for the benefit of the Tremonton City Food Pantry
3. Update on City Days – Director Marc Christensen
4. ***CLOSED SESSIONS:***
   - ***a. Strategy session to discuss the purchase of real property when public discussion of the transaction would disclose the appraisal or estimated value of the property under consideration or prevent the public body from completing the transaction on the best possible terms***
   - ***b. Strategy session to discuss the character, professional competence or physical or mental health of an individual***

CITY COUNCIL MEETING
7:00 p.m.

1. Opening Ceremony

2. Introduction of guests

3. Approval of agenda

4. Approval of minutes – June 21, 2016

5. Public comments: This is an opportunity to address the Council regarding your concerns or ideas. Please limit your comments to three minutes.

6. New Council Business:
   a. Discussion and consideration of approving Resolution No. 16-35 appointing an individual to serve as the acting City Recorder and thereafter as City Recorder

b. Discussion and consideration of authorizing the disposal of a 1953 Ford Customline vehicle that was donated to the City for the benefit of the Tremonton City Food Pantry
c. Discussion and consideration of awarding bid for a new 350 KW self contained generator and installation for the Tremonton City Wastewater Treatment Facility
d. Discussion and review of information on the culinary water condition in the City

7. Comments:
   a. Administration/City Manager Advise and Consent
      1. State of Utah Grant Agreement in the amount of $1,200 for a wall mural
      2. Discussion of any item listed on the Workshop Agenda
   b. City Department Head Reports
   c. Council Reports

8. Adjournment

Anchor location for Electronic Meeting by Telephone Device. With the adoption of Ordinance No. 13-04, the Council may participate per Electronic Meeting Rules. Please make arrangements in advance.

Persons with disabilities needing special assistance to participate in this meeting should contact Darlene Hess no later than 48 hours prior to the meeting.

Notice was posted, July 1, 2016 a date not less than 24 hours prior to the date and time of the meeting and remained so posted until after said meeting. A copy of the agenda was delivered to The Leader (Newspaper) on, July 1, 2016.

_____
Linsey Nessen, DEPUTY RECORDER

Draft Minutes

TREMONTON CITY CORPORATION
CITY COUNCIL MEETING
June 21, 2016

Members Present:
Diana Doutre
Lyle Holmgren
Jeff Reese – excused
Bret Rohde
Lyle Vance
Roger Fridal, Mayor
Shawn Warnke, City Manager
Linsey Nessen, Deputy Recorder

CITY COUNCIL WORKSHOP

Mayor Fridal called the June 21, 2016 City Council Workshop to order at 6:01 p.m. The meeting was held in the City Council Meeting Room at 102 South Tremont Street, Tremonton, Utah. Those in attendance were Mayor Fridal, Councilmembers Doutre, Holmgren, Rohde, and Vance, City Manager Shawn Warnke, and Deputy Recorder Linsey Nessen. The following Department Heads were also present: Public Works Director Paul Fulgham, Library Director Kim Griffiths, Police Chief David Nance, and Zoning Administrator Steve Bench. Councilmember Reese was excused.

The following items were discussed out of order.

1. Review of agenda items on the 7:00 p.m. Council Meeting:

   The Council reviewed the June 21, 2016 Agenda with the following items being discussed in more detail:

   Annual Budget. Manager Warnke said there are some changes from the preliminary budget, including some in the Recreation Department. They will create and hire a part-time recreation coordinator, which would free up Zach LeFevre to do more community events and media. Director Christensen has finished his schooling and needs a new job title and progressive responsibilities. He will work directly with the Senior Center, Library, and Food Pantry to promote and coordinate activities.

   It is proposed that $80K be moved to the RDA for façade and sign improvement grants. There has been talk with the owners of Jim and Dave's regarding their sign. The Jay's sign is a landmark.

   The City needs to purchase a gurney for the new ambulance. The cost is around $18K for a power assist, 1,000 pound capacity gurney.

Manager Warnke remarked that the City can only have 25% of the upcoming years' anticipated revenues within the General Fund for reserves. Anything above the 25% is transferred to the Capital Project Funds. The City recently created a Transportation Project Fund. There are three (3) transportation projects that will be coming up in the next couple of years. The funds transferred will go toward helping with these types of projects.

Councilmember Rohde asked if some of the funds can be used to help pay for the sewer plant upgrades. Manager Warnke noted the funds can be shifted. It was noted that the Enterprise Funds for utilities are operational for capital needs. Funds in General Funds can be used for anything.

Finance Director Curtis Roberts gave Manager Warnke the following suggestions before the meeting:

- Move $100 from the Do Not Use Account
- Eliminate the transfer of $200K from Fund 40 to Capital Projects

The Council moved into closed session by consensus of the Council at 6:02 p.m.

2. ***CLOSED SESSIONS:***
   - ***a. Strategy session to discuss the purchase of real property when public discussion of the transaction would disclose the appraisal or estimated value of the property under consideration or prevent the public body from completing the transaction on the best possible terms***
   - ***b. Strategy session to discuss the character, professional competence or physical or mental health of an individual***

The Council returned to open session at 6:41 p.m.

The meeting adjourned at 6:52 p.m. by consensus of the Council.

CITY COUNCIL MEETING

Mayor Fridal called the June 21, 2016 City Council Meeting to order at 7:00 p.m. The meeting was held in the Tremonton City Council Meeting Room at 102 South Tremont Street, Tremonton, Utah. Those in attendance were Mayor Fridal, Councilmembers Doutre, Holmgren, Rohde, and Vance, City Manager Shawn Warnke, and Deputy Recorder Linsey Nessen. The following Department Heads were also present: Public Works Director Paul Fulgham, Library Director Kim Griffiths, Police Chief David Nance, and Zoning Administrator Steve Bench. Councilmember Reese was excused.

1. Opening Ceremony:

Mayor Fridal informed the audience he had a request to participate in the Opening Ceremony next City Council. He asked anyone who may be offended by listening to a prayer to step out into the lobby for this portion of the meeting. The prayer was offered by Director Fulgham and the Pledge of Allegiance was led by Deputy Recorder Nessen.

2. Introduction of guests:

Mayor Fridal thanked those in attendance and welcomed Kevin Christensen from the Bear River Health Department. He thanked Jessica Tanner from The Leader for coming and noted she always does a good job.

3. Approval of Agenda:

Mayor Fridal asked if there were any changes or corrections to the Agenda. No comments were made.

Motion by Councilmember Doutre to approve the agenda of June 21, 2016. Motion seconded by Councilmember Rohde. Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

4. Approval of minutes – June 7, 2016:

Mayor Fridal asked if there were any changes to the minutes. There were no comments.

Motion by Councilmember Vance to approve the minutes of June 7, 2016. Motion seconded by Councilmember Doutre. Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

5. Public comments: Comments limited to three minutes:

There were no public comments.

6. Years of Service:

a. Five years of service – Kathleen Hess

They will get the award to Ms. Hess later as she could not attend the meeting tonight. Mayor Fridal said he appreciates the service Ms. Hess has provided to the City. The City has a great group of employees.

7. Public Hearing:

Mayor Fridal called the Public Hearings to order at 7:05 p.m. to consider adopting the Annual Implementation Budget for 2016-2017 and to amend the Annual Implementation

Budget for 2015-2016. There were six (6) people in attendance.

a. To consider adopting the Annual Budget entitled "The Tremonton City Annual Implementation Budget 2016-2017 (General Fund, Capital Fund(s), Enterprise Fund(s), and Special Fund(s)", for the period commencing July 1, 2016 and ending June 30, 2017

b. To consider adopting amendments to the Annual Budget entitled "The Tremonton City Annual Implementation Budget 2015-2016 (General Fund, Capital Fund(s), Enterprise Fund(s), and Special Fund(s)", for the period commencing July 1, 2015 and ending June 30, 2016

There were no public comments. Mayor Fridal closed the Public Hearings at 7:05 p.m.

8. New Council Business:

a. Discussion and consideration of approving Resolution No. 16-31 adopting the annual budget entitled "The Tremonton City Annual Implementation Budget 2016- 2017 (General Fund, Capital Fund(s), Enterprise Fund(s), and Special Fund(s)," for the period commencing July 1, 2016 and ending June 30, 2017

Councilmember Vance asked if funds can be moved to another fund once they have been marked for a specific fund. Manager Warnke stated funds can be moved from Capital Funds. Enterprise Funds cannot be transferred out without going through the public hearing process. This resolution approves funds for next fiscal year while the next item approves amending this fiscal year budget and transferring funds.

Motion by Councilmember Holmgren to adopt Resolution No. 16-31 and adopt the annual budget. Motion seconded by Councilmember Doutre. Roll Call Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

b. Discussion and consideration of approving Resolution No. 16-32 amending the budget entitled "The Tremonton City Annual Implementation Budget 2015- 2016 (General Fund, Capital Fund(s), Enterprise fund(s), and Special Fund(s)," for the period commencing July 1, 2015 and ending June 30, 2016

This item amends the budget for this fiscal year and appropriates reserves. Manager Warnke commented there are a few other changes that will be amended on the budget based on Finance Director Robert's suggestions.

Motion by Councilmember Rohde to approve Resolution No. 16-32. Motion seconded by Councilmember Holmgren. **Councilmember Rohde amended his motion to include the changes mentioned.** Roll Call Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

c. Discussion and consideration of approving Resolution No. 16-33 adopting the Certified Tax Rates for the 2016 Property Tax Year

Councilmember Vance asked how much of an increase the Certified Tax Rate will bring to the City. Manager Warnke explained the City is required by State Law to declare if taxes will be increased. Several months ago the City approved a letter to be sent to the County Auditor saying Tremonton City was not going to increase taxes and would adopt the certified tax rate. Tonight the Council is adopting the Certified Tax Rate.

The Auditor, in conjunction with the Tax Commission, reviews revenue from last year and evaluates and adjusts the rate to meet the revenue. It should deliver the same amount of revenue as last year. The Certified Tax Rate is applied to new growth. The RDA (Redevelopment Agency) use to capture property tax but the Freeway Interchange Project Area has been dissolved so the money will now come to the City. The Certified Tax Rate applies to personal and real estate property.

Motion by Councilmember Vance to approve Resolution No. 16-33. Motion seconded by Councilmember Rohde. Roll Call Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

d. Discussion and consideration of approving Resolution No. 16-34 adopting the revised Tremonton City Compensation and Classification Plan

Manager Warnke noted this will amend the Compensation Plan based on COLA (Cost of Living Adjustment). It will change the City Recorder's pay range to be in line with the majority of the Department Heads. Every few years Deputy Recorder Nessen has conducted a wage survey. Another survey will be done in the 2016-2017 fiscal year and possibly be implemented the following fiscal year.

Motion by Councilmember Doutre to approve Resolution No. 16-34 and adopt the revised Compensation Plan. Motion seconded by Councilmember Rohde. Roll Call Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

e. Discussion and consideration of approving Ordinance No. 16-14 adopting an ordinance that amends Title II Subdivision Ordinance of the Tremonton City Corporation Land Use Code, Chapter 2.07 Lot Splits

Zoning Administrator Bench noted the current City Code requires everyone to hook to the sewer system. There are areas in the City that are anywhere from ¼ to one (1) mile or more from the sewer system. There is an individual that would like to split a lot and build a home but the cost to put in the sewer line would be three (3) times what it costs to build the home. After consideration and reviewing other cities codes, it was decided to create a lot split ordinance. If the lot meets

the requirements of the ordinance, the property can be divided a limited number of times. Water lines are much more abundant in the City than sewer lines.

Councilmember Vance asked for clarification that the homes in question are generally where we have water lines but the sewer lines are too far away to connect. He asked if there are clear guidelines about how many times a property can be split. Councilmember Holmgren asked about County Health Codes regarding septic tanks. Zoning Administrator Bench said the County requires a ½ acre parcel for each home with a septic tank that is connected to municipal water. If there is a well or another type of water source, the homes must be on 1 ½ acres.

Section 2.07.035 B. relates to the density. It states it must have a density no greater than one (1) dwelling unit per four (4) acres with a maximum of five (5) dwellings per original parcel. The property in question is about ten (10) acres, meaning they could split it one time and have two (2) lots or homes. If they wanted to split it a third time they would have to run a sewer line. If the original parcel is twenty (20) acres, they could split it five (5) times.

The lot does not need to be a minimum of four (4) acres. The home could go on a ½ acre lot depending on the zoning, but the original parcel must have four (4) acres per home. Each home will need to go off the development code. Councilmember Holmgren asked if one lane could serve two (2) people. Zoning Administrator Bench stated a flag lane can only service one (1) home, but a private lot lane can serve up to four (4) homes.

This Ordinance allows someone to split a lot and put in a septic system. They will have to go through the Land Use Authority Board to split the lot. Director Fulgham noted they would also need a permit from the Health Department for a septic tank. Councilmember Rohde said that once sewer is available they would need to hook up. Councilmember Vance asked if the City can require them to hook up. Zoning Administrator Bench said the Code is based on State Law that says if a home is within 300 feet of the sewer system they must hook up to the sewer.

Councilmember Doutre said the public should be notified before the City enacts an increase for the sewer, especially if their home is required to hook to the City's sewer system. Director Fulgham said there is a public hearing before an increase but they could also send out letters. The City has not forced people to hook on even though they are within the 300 feet. There are special circumstances that come up.

Director Fulgham said this Ordinance would not help with a full fledged subdivision but would allow parents that want to give land to their kids an opportunity to build without the expense of putting in a sewer line. Zoning Administrator Bench commented that it does not change any other codes. If a proposed home is within 300 feet of a sewer line, they must connect to the sewer system.

Manager Warnke noted there has been a lot of time spent on this topic. The Land

Use Authority Board (LUAB) discussed it in depth. When permits are issued, the City has the opportunity to exact improvements based on proportionality and the impact of the development. City Attorney Ericson has been contacted about having language that could be applied at a later date.

Councilmember Vance asked how the City can require a homeowner to connect to the sewer system ten (10) years down the road when the sewer is within 300 feet of their home. Zoning Administrator Bench said homeowners have been given the choice when the sewer system reaches 300 feet. Manager Warnke said this Ordinance will collect some fees up front but not Impact Fees. The Ordinance proposes that a notice is recorded but it will still be a shock for homeowners to have to pay to connect at a later date. It is up to the City as to how far to push homeowners to get connected once the sewer is within 300 feet. The issues have been discussed at length in the LUAB. There are pros and cons to each side.

Manager Warnke said there is a Fee-in-Lieu that will be collected for streets, curb and gutter, sidewalks, and storm drains. The money will be put aside to help with expense of construction at a later date. Councilmember Rohde asked how homeowners will feel if they pay the Fee-in-Lieu and there are still no improvements in fifty (50) years. Manager Warnke said the City use to do a deferment agreement with the property owners saying they would pay for improvements at a later time but the property had been sold several times before the City was ready to put in improvements and it came as a surprise for the new owners.

Councilmember Vance said paying a Fee-in-Lieu shifts the liability back to the City to do the improvements. It will end up costing the City a lot more than the Fee-in-Lieu collected by the time the work is done. He thinks it will be hard to keep track of the lot splits and hard to enforce without putting a lien on the property to help pay for connecting to the sewer when it gets there.

Manager Warnke said they tried to strike a balance because there are pros and cons to both sides. When there is rural development, people come in later and want sidewalks and streetlights. The Council could adopt the ordinance and see how it works and amend or repeal it at a later date if necessary. Manager Warnke said the City would have less of a chance of collecting any money if the fee was deferred.

Motion by Councilmember Holmgren to consider approving Ordinance No. 16-14 and amend the Title II Subdivision Ordinance on lot splits. Councilmember Rohde is still concerned about the Fee-in-Lieu but would like to let the individual start building. Manager Warnke would recommend they approve it and monitor it closely. The LUAB had some concerns but could see the benefits. The subdivision process would still go through the LUAB and if they see something alarming it would come back to the Council and suggest it be revisited or amended. Zoning Administrator Bench said the home the individual wants to build is a flag lot with thirty (30) feet of frontage. Motion seconded by Councilmember Rohde and added it should be watched closely, making sure they are not getting in trouble with the Fee-in-Lieu. Manager Warnke said he feels it is

exaction not a Fee-in-Lieu. Fee-in-Lieu pays for a portion of the necessary improvements. The bigger issue will be the roads and acquiring the right-of-ways. Director Fulgham said the City is exacting frontage property for road width. The City will need to maintain the thirty (30) feet when it is built. Right now it will probably be a deeded piece of property in front of a home with the homeowner taking care of it like a park strip. Roll Call Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - nay. Motion approved.

f. Discussion and consideration of authorizing the disposal of three Senior Center vehicles used for the Meals-On-Wheels program

Manager Warnke said the new vehicles have been received and the old vehicles can be disposed.

Motion by Councilmember Vance to approve the disposal of three (3) Senior Center vehicles. Motion seconded by Councilmember Doutre. Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

g. Discussion and consideration of approving an appointment to the Tremonton City Library Board of Trustees

Library Director Griffiths asked for approval to appoint Kathy Wood to serve on the Library Board of Trustees.

Motion by Councilmember Doutre to approve Kathy Wood for the Library Board of Trustees. Motion seconded by Councilmember Holmgren. Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

9. Comments:

a. Administration/City Manager Advise and Consent

Manager Warnke commented that on July 26th at 8:00 p.m. there will be a meeting for the City Council and the RDA. Mayor Fridal noted that is the night of the City party at his home. There will be a public hearing at the City Offices after the party.

b. City Department Head Reports

There were no reports.

c. Council Reports:

Councilmember Rohde stated that he likes the color logo Zach LeFevre worked on. He asked if the City will be participating in the Tour of Utah this year.

Manager Warnke said we are not. They select different cities and this year they are in southern Utah. Mayor Fridal spoke with Mr. LeFevre and he said there is hope they will be back here next year.

Councilmember Rohde would like the City to purchase the property on the corner by the fairgrounds to put in a big welcome to Tremonton sign. Manager Warnke spoke to Ms. Robin Vanderhoof about buying it in the past. He will talk to Councilmember Rohde after the meeting.

Mr. Doug Adams would like to offer his 1953 car to the City with the proceeds going to the Food Pantry. He said there might be an issue of gambling since there is talk of a raffle. The car can be displayed at City Days, put in the parade, and at Wheat and Beat Days. Councilmember Doutre said the car could also be sold through an auction. Councilmember Rohde likes the idea of using it to promote the City. Manager Warnke has looked into it the issue and spoke to Chief Nance about it earlier in the day. Manager Warnke will also contact Attorney Ericson about the idea of doing a raffle. Councilmember Rohde said the car is valued at $15K. It is a very nice donation and is in pristine condition. It is a fifty (50) year anniversary Ford. Manager Warnke will try to have something for next City Council meeting so they can discuss the options.

Councilmember Doutre said people have talked to her about Tremonton signs at the Crossroads and where the road splits. The signs are very faded and look bad. Now the City has a new logo it needs to be utilized. Mayor Fridal asked if there was money available for signage. Manager Warnke said there may not be any set aside this budget but some can be appropriated for that purpose. Councilmember Doutre commented that the town is looking good and she is proud of it but the signs are old, tired, and worn out. There should be signs that look good. Councilmember Rohde asked if Mr. Jason Nessen could add some art to the signs. Mayor Fridal said they will work on improving the signs.

Councilmember Vance expressed gratitude to Zoning Administrator Bench, Director Fulgham, and Manager Warnke and anyone else that worked on the Lot Split Ordinance. They tried to figure out how to equitably handle the situation. Their work did not go unnoticed. Thank you for all you do.

Mayor Fridal said Karen Cronin from Perry City sent an invitation to Tremonton City to participate in their parade on, Monday, the 4th of July. The parade will be at 11:00 a.m. Mayor Fridal rode his motorcycle in their parade last year. If the Council participates they will need a banner to identify who they are. It would be good to support a sister community in the county.

10. Adjournment.

Motion by Councilmember Holmgren to adjourn the meeting. Motion seconded by Councilmember Vance. Vote: Councilmember Doutre - aye, Councilmember Holmgren - aye, Councilmember Rohde - aye, and Councilmember Vance - aye. Motion approved.

The meeting adjourned at 7:58 p.m.

Draft Minutes

The undersigned duly acting and appointed Recorder for Tremonton City Corporation hereby certifies that the foregoing is a true and correct copy of the minutes for the City Council Meeting held on the above referenced date. Minutes were prepared by Cynthia Nelson.

Dated this _____ day of _____, 2016.

_____
Linsey Nessen, Deputy Recorder

RESOLUTION NO. 16-35

A RESOLUTION OF TREMONTON CITY CORPORATION APPOINTING AN INDIVIDUAL TO SERVE AS THE ACTING CITY RECORDER AND THEREAFTER AS CITY RECORDER

WHEREAS, in accordance with the Tremonton City Revised Ordinances 3-925 (1) (e), Tremonton City adopted an ordinance that delegates the duties to appoint the City Recorder to the City Manager; and

WHEREAS, after many years of exceptional and faithful service to Tremonton City, Darlene Hess has provided the City notice of her retirement to take effect the middle of September, 2016; and

WHEREAS, Linsey Nessen, Deputy Recorder is currently fulfilling the duties of the City Recorder in the absence of Darlene Hess; and

WHEREAS, Ms. Nessen has worked in the Recorder's Office for more than 6 years and has earned the certification of a Certified Municipal Clerk; and

WHEREAS, it is the City Manager's opinion, based upon observation of Ms. Nessen's knowledge, skills, and abilities, that she can fulfill the position of City Recorder; and

WHEREAS, as stated in the Tremonton City Personnel Policies and Procedures, Section III Employee Hiring, Subsection 2 (A) it is the City's policy to further the advancement of its employees by promoting existing employees within a department to positions that have increased responsibilities and classification to a higher wage or grade.

NOW THEREFORE, BE IT RESOLVED by the Tremonton City Council that in the absence of the current City Recorder, that the City Council confirms the City Manager's appointment of Linsey Nessen as the *Acting City Recorder* to fulfill all of the duties and responsibilities currently assigned to the office of the City Recorder.

Further be it resolved by the City Council that after Darlene Hess fully retires from the position of City Recorder, which is anticipated to be the middle of September 2016, that the City Manager's appointment of Linsey Nessen to fulfill the positon of *City Recorder* shall be confirmed.

Further be it resolved that the City Council wishes to recognize and express grateful appreciation for Darlene Hess' many years of dedicated and faithful service to Tremonton City.

Resolution to become effective upon adoption.

TREMONTON CITY
A Utah Municipal Corporation

By _____
Roger Fridal, Mayor

ATTEST:

_____
Linsey Nessen, Acting City Recorder

Ford's 50th Anniversary Edition Car

Restored 1953 Custom Line Ford

• *Only 150 balloons available!* • *$100 each*


4FOY392

TREMONTON CITY

CITY COUNCIL MEETING

JULY 5, 2016

TITLE:	Discussion and consideration on Awarding Bid for a new 350 KW Self Contained Generator and Installation for the Tremonton City Wastewater Treatment Facility.
FISCAL IMPACT:	Budgeted Amount – $70,000
PRESENTER:	Paul Fulgham, Tremonton City Public Works Director

Prepared By:

Paul Fulgham
Public Works Director

RECOMMENDATION:

Purchase GENERAC 350 KW Self-Contained Generator **$71,451.60**

BACKGROUND:

The Federal and State laws require Wastewater Treatment Facilities to have a means to provide backup electrical power incase of electrical power failures.

Tremonton City's current backup generator was installed in 1979, it is more that 36-years old, in the past few years we have spent over $5,000 on repairs, currently it needs some major repairs. Because of these needed repairs we are currently using our portable backup generator from the Water Department as the Treatment Facility backup generator. To needed repairs to the generator is estimated to cost at least $10,000 if not more, in overhaul and repair of the current generator and we would still be in possession of a generator which is over 36-years old.

Our plans are to install a self contained generator, that will be outside the building with its own enclosure and have its own self contained fuel tank.

BIDDERS :

- GENERAC - **$71,451.60**
- Cummins - **$71,918.00**
- CAT - **No Bid**

Attachments:

1. GENERAC SD-350 KW Generator
2. Cummins DFEG-350 KW Generator

Diesel Generator Set

Model DFEG 60 Hz
EPA Emissions

350 kW, 438 kVA Standby
320 kW, 400 kVA Prime

Description

The Cummins Power Generation DF-series commercial generator set is a fully integrated power generation system providing optimum performance, reliability, and versatility for stationary standby or prime power applications.

A primary feature of the DF GenSet is strong motor-starting capability and fast recovery from transient load changes. The torque-matched system includes a heavy-duty Cummins 4-cycle diesel engine, an AC alternator with high motor-starting kVA capacity, and an electronic voltage regulator with three-phase sensing for precise regulation under steady-state or transient loads. The DF GenSet accepts 100% of the nameplate standby rating in one step, in compliance with NFPA 110 requirements.

The standard PowerCommand® digital electronic control is an integrated system that combines engine and alternator controls for high reliability and optimum GenSet performance.

Optional weather-protective enclosures and coolant heaters shield the generator set from extreme operating conditions. Environmental concerns are addressed by low exhaust emission engines, sound-attenuated enclosures, exhaust silencers, and dual-wall fuel tanks. A wide range of options, accessories, and services are available, allowing configuration to your specific power generation needs.

Every production unit is factory tested at rated load and power factor. This testing includes demonstration of rated power and single-step rated load pickup. Cummins Power Generation manufacturing facilities are registered to ISO9001 quality standards, emphasizing our commitment to high quality in the design, manufacture, and support of our products. The generator set is CSA certified and is available as UL2200 Listed. The PowerCommand control is UL508 Listed.

All Cummins Power Generation systems are backed by a comprehensive warranty program and supported by a worldwide network of 170 distributors and service branches to assist with warranty, service, parts, and planned maintenance support.

Features

UL Listed Generator Set - The complete generator set assembly is available Listed to UL 2200.

Low Exhaust Emissions - Engine certified to U.S. EPA Nonroad Source Emission Standards, 40 CFR 89, Tier 2.

Cummins Heavy-Duty Engine - Rugged 4-cycle industrial diesel delivers reliable power, low emissions, and fast response to load changes.

Alternator - Several alternator sizes offer selectable motor starting capability with low reactance 2/3 pitch windings; low waveform distortion with non-linear loads, fault clearing short-circuit capability, and class H insulation. The alternator electrical insulation system is UL1446 Recognized.

Permanent Magnet Generator (PMG) - Offers enhanced motor starting and fault clearing short circuit capability.

Control System - The PowerCommand electronic control is standard equipment and provides total genset system integration, including automatic remote starting/stopping, precise frequency and voltage regulation, alarm and status message display, AmpSentry™ protection, output metering, auto-shutdown at fault detection, and NFPA 110 compliance. PowerCommand control is Listed to UL508.

Cooling System - Provides reliable running at the rated power level, at up to 50°C ambient temperature.

Integral Vibration Isolation - Robust skid base supports the engine, alternator, and radiator on isolators, minimizing transmitted vibration.

E-Coat Finish - Dual electro-deposition paint system provides high resistance to scratches, corrosion, or fading.

Enclosures - Optional weather-protective and sound-attenuated enclosures are available.

Fuel Tanks - Dual wall sub-base fuel tanks are also offered.

Certifications - Generator sets are designed, manufactured, tested, and certified to relevant UL, NFPA, ISO, IEC, and CSA standards.

Warranty and Service - Backed by a comprehensive warranty and worldwide distributor network.

Generator Set

The general specifications provide representative configuration details. Consult the outline drawing for installation design.

Specifications – General

See outline drawing 500-3326 for installation design specifications.

Unit Width, in (mm)	60.0 (1524)
Unit Height, in (mm)	71.3 (1812)
Unit Length, in (mm)	152.1 (3864)
Unit Dry Weight, lb (kg)	8500 (3856)
Unit Wet Weight, lb (kg)	8800 (3992)
Rated Speed, rpm	1800
Voltage Regulation, No Load to Full Load	±0.5%
Random Voltage Variation	±0.25%
Frequency Regulation	Isochronous
Random Frequency Variation	±0.25%
Radio Frequency Interference	IEC 801.2, Level 4 Electrostatic Discharge IEC 801.3, Level 3 Radiated Susceptibility

Cooling	**Standby**	**Prime**
Standard Set-Mounted Radiator Cooling (Dwg. 500-3326)		
Set Coolant Capacity, US Gal (L)	15.3 (57.9)	15.3 (57.9)
Total Heat Rejected from Cooling System, BTU/min (MJ/min)	11300.0 (12.0)	10650.0 (11.3)
Heat Radiated to Room, BTU/min (MJ/min)	3485.0 (3.7)	3320.0 (3.5)

Air		
Combustion Air, scfm (m^3/min)	1145.0 (32.4)	1100.0 (31.1)
Alternator Cooling Air, scfm (m^3/min)	2190.0 (62.0)	2190.0 (62.0)
Radiator Cooling Air, scfm (m^3/min)	25000.0 (707.5)	25000.0 (707.5)
Max. Static Restriction, in H_2O (Pa)	0.5 (124.5)	0.5 (124.5)

Rating Definitions

Standby Rating based on: Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. (Equivalent to Fuel Stop Power in accordance with ISO3046, AS2789, DIN6271 and BS5514). Nominally rated.

Prime (Unlimited Running Time) Rating based on: Applicable for supplying power in lieu of commercially purchased power. Prime power is the maximum power available at a variable load for an unlimited number of hours. A 10% overload capability is available for limited time. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514). This rating is not applicable to all generator set models.

Site Derating Factors

Genset may be operated up to 3650 m (11900 ft) and 40°C (104°F) without power deration. For sustained operation above these conditions, derate by 1.8% per 305 m (1000 ft) and 10% per 10°C (5.6% per 10°F).

Engine

Cummins heavy duty diesel engines use advanced combustion technology for reliable and stable power, low emissions, and fast response to sudden load changes.

Electronic governing provides precise speed regulation, especially useful for applications requiring constant (isochronous) frequency regulation such as Uninterruptible Power Supply (UPS) systems, non-linear loads, or sensitive electronic loads. Optional coolant heaters are recommended for all emergency standby installations or for any application requiring fast load acceptance after start-up.

Note: Features included with the engine: battery charging alternator, fuel/water separator, shutdown low coolant and bypass oil filtration.

Specifications – Engine

Base Engine	Cummins Model QSX15-G9 Nonroad 2, Turbo-charged with air-to-air charge air cooling, diesel-fueled
Displacement in^3 (L)	912.0 (14.9)
Overspeed Limit, rpm	2150 ±50
Regenerative Power, kW	52.00
Cylinder Block Configuration	Cast iron with replaceable wet liners, In-Line 6 cylinder
Battery Capacity	900 amps minimum at ambient temperature of 32°F (0°C)
Battery Charging Alternator	35 amps
Starting Voltage	24-volt, negative ground
Lube Oil Filter Types	Single spin-on combination element with full flow and bypass filtration
Standard Cooling System	104^o F (40^o C) ambient radiator

Power Output	**Standby**	**Prime**
Gross Engine Power Output, bhp (kWm)	755.0 (563.0)	680.0 (507.3)
BMEP at Rated Load, psi (kPa)	249.0 (1716.8)	229.0 (1578.9)
Bore, in. (mm)	5.39 (136.9)	5.39 (136.9)
Stroke, in. (mm)	6.65 (168.9)	6.65 (168.9)
Piston Speed, ft/min (m/s)	1995.0 (10.1)	1995.0 (10.1)
Compression Ratio	17.0:1	17.0:1
Lube Oil Capacity, qt. (L)	88.0 (83.3)	88.0 (83.3)
Fuel Flow		
Fuel Flow at Rated Load, US Gal/hr (L/hr)	112.0 (423.9)	112.0 (423.9)
Maximum Inlet Restriction, in. Hg (mm Hg)	5.0 (127.0)	5.0 (127.0)
Maximum Return Restriction, in. Hg (mm Hg)	6.5 (165.1)	6.5 (165.1)
Air Cleaner		
Maximum Air Cleaner Restriction, in. H_2O (kPa)	25.0 (6.2)	25.0 (6.2)
Exhaust		
Exhaust Flow at Rated Load, cfm (m^3/min)	2600.0 (73.6)	2505.0 (70.9)
Exhaust Temperature,^{o}F (^{o}C)	810.0 (432.2)	805.0 (429.4)
Max Back Pressure, in. H_2O (kPa)	41.0 (10.2)	41.0 (10.2)

Fuel System	Full Authority Electronic (FAE) Cummins HPI-TP

Fuel Consumption		**Standby**				**Prime**			
60 Hz Ratings, kW (kVA)		**350 (438)**				**320 (400)**			
	Load	1/4	1/2	3/4	Full	1/4	1/2	3/4	Full
	US Gal/hr	9.0	14.3	19.4	24.1	8.5	13.4	18.1	22.1
	L/hr	34	54	73	91	32	51	69	84

Alternator

Single-bearing alternators couple directly to the engine flywheel with flexible discs for drivetrain reliability and durability. No gear reducers or speed changers are used. Two-thirds pitch windings eliminate third-order harmonic content of the AC voltage waveform and provide the standardization desired for paralleling of generator sets.

A Permanent Magnet Generator (PMG) excitation system limits voltage dip during transient load application, sustains 3-phase short circuit current at approximately three times rated for up to 10 seconds, and is resistant to harmful effects of harmonics generated by non-linear loads. The alternator delivers excellent performance in applications containing large motors or sensitive electronics.

Various alternator sizes are available to meet individual application needs. Alternator sizes are differentiated by maximum winding temperature rise at the generator set standby or prime rating when operated in a 40^{o}C ambient environment. Available temperature rises range from 80^{o}C to 150^{o}C. Not all temperature rise selections are available on all models. Lower temperature rise is accomplished using larger alternators at lower current density. Lower temperature rise alternators have high motor starting kVA, lower voltage dip upon load application, and they are generally recommended to limit voltage distortion and heating due to harmonics induced by non-linear loads.

Alternator Application Notes

Alternator Space Heater - is recommended to inhibit condensation.

Available Output Voltages

Three Phase

[ ] 110/190

[ ] 110/220

[ ] 115/200

[ ] 115/230

[ ] 120/208

[ ] 127/220

[ ] 139/240

[ ] 220/380

[ ] 230/400

[ ] 240/416

[ ] 255/440

[ ] 277/480

[ ] 347/600

Specifications – Alternator

Design	Brushless, 4-pole, drip-proof revolving field
Stator	2/3 pitch
Rotor	Direct-coupled by flexible disc
Insulation System	Class H per NEMA MG1-1.65 and BS2757
Standard Temperature Rise	125(degree)C standby
Exciter Type	Permanent Magnet Generator (PMG)
Phase Rotation	A (U), B (V), C (W)
Alternator Cooling	Direct-drive centrifugal blower
AC Waveform Total Harmonic Distortion	<5% total no load to full linear load <3% for any single harmonic
Telephone Influence Factor (TIF)	<50 per NEMA MG1-22.43.
Telephone Harmonic Factor (THF)	<3

Three Phase Table[1]		**105° C**	**105° C**	**125° C**	**125° C**	**125° C**	**125° C**	**125° C**	**150° C**	**150° C**	**150° C**	**150° C**	
Feature Code		B259	B301	B258	B252	B414	B246	B300	B426	B413	B424	B419	
Alternator Data Sheet Number		306	305	305	305	306	305	305	305	305	305	305	
Voltage Ranges		110/190 Thru 139/240 220/380 Thru 277/480	347/600	110/190 Thru 139/240 220/380 Thru 277/480	120/208 Thru 139/240 240/416 Thru 277/480	120/208 Thru 139/240 240/416 Thru 277/480	277/480	347/600	110/190 Thru 139/240 220/380 Thru 277/480	120/208 Thru 139/240 240/416 Thru 277/480	277/480	347/600	
Surge kW		512	515	509	512	514	515	515	509	512	515	515	
Motor Starting kVA (at 90% sustained voltage)	PMG	1896	1749	1749	1749	1896	1749	1749	1749	1749	1749	1749	

Full Load Current - Amps at Standby Rating	110/190	120/208	110/220	115/230	139/240	220/380	230/400	240/416	255/440	277/480	347/600
	1329	1214	1148	1098	1052	665	631	607	574	526	421

Notes:

1. Single Phase Capability: Single phase power can be taken from a three phase generator set at up to 40% of the generator set nameplate kW rating at unity power factor.

Control System

PowerCommand (2100) Control

PowerCommand (3200) Control

PowerCommand Control with AmpSentry™ Protection

- The PowerCommand Control is an integrated generator set control system providing governing, voltage regulation, engine protection, and operator interface functions.
- PowerCommand Controls include integral AmpSentry protection. AmpSentry provides a full range of alternator protection functions that are matched to the alternator provided.
- Controls provided include Battery monitoring and testing features, and Smart-Starting control system.
- InPower PC-based service tool available for detailed diagnostics
- PCCNet interface. Available with Echelon LonWorks network interface
- NEMA 3R enclosure (2100 only)
- Suitable for operation in ambient temperatures from –40C to +70C, and altitudes to 13,000 feet (5000 meters)
- Prototype tested; UL, CSA, and CE compliant

AmpSentry AC Protection

- Overcurrent and short circuit shutdown
- Overcurrent warning
- Single & 3-phase fault regulation
- Over and under voltage shutdown
- Over and under frequency shutdown
- Overload warning with alarm contact
- Reverse power and reverse Var
- Excitation fault (2100 only)

Engine Protection

- Overspeed shutdown
- Low oil pressure warning and shutdown
- High coolant temperature warning and shutdown
- High oil temperature warning
- Low coolant level warning or shutdown
- Low coolant temperature warning
- High and low battery voltage
- Weak battery
- Dead battery
- Fail to start (overcrank) shutdown
- Fail to crank shutdown
- Redundant start disconnect
- Cranking lockout
- Sensor failure indication

Operator Interface

- OFF/MANUAL/AUTO mode switch
- MANUAL RUN/STOP switch
- Panel lamp/reset switch
- Emergency Stop switch
- Alpha-numeric display with pushbutton access, for viewing engine and alternator data and providing setup, controls, and adjustments
- LED lamps indicating genset running, not in auto, common warning, common shutdown
- (5) configurable LED lamps (2100 only)
- LED Bargraph AC data display
- Panel Lighting with switch and timer

Alternator Data

- Line to Line and Line to Neutral AC volts
- 3-phase AC current
- Frequency
- Total and individual phase kW and kVA

Engine Data

- DC voltage
- Lube oil pressure
- Coolant temperature
- Lube oil temperature
- FAE engine data (varies with engine)

Other Data

- Genset model data
- Start attempts, Starts, running hours
- KW hours (total and since reset)
- Fault history
- Load Profile (Hours less than 30% and hours more than 90% load)
- System Data Display (optional with network and other PowerCommand gensets or transfer switches)

Governing

- Integrated digital electronic isochronous governor
- Temperature dynamic governing
- Smart idle speed mode
- Glow plug control (some models)

Voltage Regulation

- Integrated digital electronic voltage regulator
- 3-phase line to neutral sensing
- PMG Control Interface
- Single and three phase fault regulation
- Configurable Torque Matching

Control Functions

- Data logging on faults
- Fault simulation (requires InPower)
- Time delay start and cooldown
- Cycle cranking
- PCCNet Interface
- (4) Configurable inputs
- (4) Configurable outputs (2100 only)

Options

- ❑ Fast Closed Transition Power Transfer Control (3200 Control)
- ❑ Ramping Closed Transition Power Transfer (3200 Control)
- ❑ Paralleling (3200 Control)
- ❑ Key-type mode switch
- ❑ Ground fault module
- ❑ Exhaust Temperature Monitor
- ❑ Echelon LonWorks interface
- ❑ Digital input and output module(s) (loose)
- ❑ Remote Annunciator (loose)
- ❑ (8) configurable network inputs and (16) outputs

Generator Set Options

Engine

[ ] 208/240/480 V thermostatically controlled coolant heater for ambient above 40°F (4.5°C)
[ ] 208/240/480 V thermostatically controlled coolant heater for ambient below 40°F (4.5°C)
[ ] 120 V 300 W lube oil heater
[ ] Heavy-duty air cleaner with safety element

Cooling System

[ ] 125°F (50°C) ambient radiator

Fuel System

[ ] 300 Gal (1136 L) Sub-base tank
[ ] 400 Gal (1514 L) Sub-base tank
[ ] 500 Gal (1893 L) Sub-base tank
[ ] 600 Gal (2271 L) Sub-base tank
[ ] 660 Gal (2498 L) Sub-base tank
[ ] 850 Gal (3218 L) Sub-base tank
[ ] 1700 Gal (6435 L) Sub-base tank

Alternator

[ ] 80°C rise alternator
[ ] 105°C rise alternator
[ ] 150°C rise alternator
[ ] 120/240 V, 300 W anti-condensation heater

Control Panel

[ ] 120/240 V, 150 W control anti-condensation space heater
[ ] Ground fault alarm
[ ] Paralleling configuration
[ ] Power transfer control
[ ] Remote fault signal package
[ ] Run relay package

Exhaust System

[ ] Critical grade exhaust silencer
[ ] Exhaust packages
[ ] Industrial grade exhaust silencer
[ ] Residential grade exhaust silencer

Generator Set

[ ] AC entrance box
[ ] Batteries
[ ] Battery charger
[ ] Export box packaging
[ ] UL2200 Listed
[ ] Main line circuit breaker
[ ] Paralleling accessories
[ ] Remote annunciator panel
[ ] Sound-attenuated enclosure (2 levels) with internal silencers
[ ] Spring isolators
[ ] Weather-protective enclosure with internal silencer
[ ] 2 year prime power warranty
[ ] 2 year standby warranty
[ ] 5 year basic power warranty
[ ] 10 year major components warranty

Available Products and Services

A wide range of products and services is available to match your power generation system requirements. Cummins Power Generation products and services include:

Diesel and Spark-Ignited Generator Sets

Transfer Switches

Bypass Switches

Parallel Load Transfer Equipment

Digital Paralleling Switchgear

PowerCommand Network and Software

Distributor Application Support

Planned Maintenance Agreements

Warranty

All components and subsystems are covered by an express limited one-year warranty. Other optional and extended factory warranties and local distributor maintenance agreements are available. Contact your distributor/dealer for more information.

Certifications

ISO9001 - This generator set was designed and manufactured in facilities certified to ISO9001.

CSA - This generator set is CSA certified to product class 4215-01.

PTS - The Prototype Test Support (PTS) program verifies the performance integrity of the generator set design. Products bearing the PTS symbol have been subjected to demanding tests in accordance to NFPA 110 to verify the design integrity and performance under both normal and abnormal operating conditions including short circuit, endurance, temperature rise, torsional vibration, and transient response, including full load pickup.

UL - The generator set is available Listed to UL 2200, Stationary Engine Generator Assemblies. The PowerCommand control is Listed to UL 508 - Category NITW7 for U.S. and Canadian usage.

See your distributor for more information

Cummins Power Generation
1400 73rd Avenue N.E.
Minneapolis, MN 55432
763.574.5000
Fax: 763.574.5298
www.cumminspower.com

Important: Backfeed to a utility system can cause electrocution and/or property damage. Do not connect generator sets to any building electrical system except through an approved device or after building main switch is open.

GENERAC® | INDUSTRIAL POWER

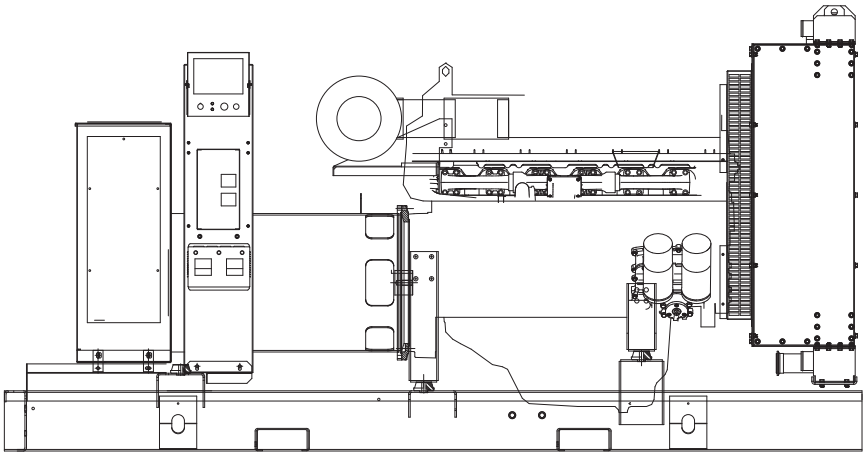
SD350

Industrial Diesel Generator Set

EPA Certified Stationary Emergency

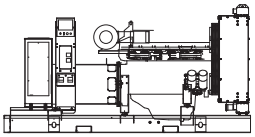
Standby Power Rating
438kVA 350kW 60Hz

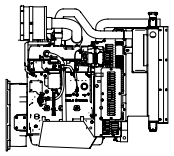
Prime Power Rating*
394kVA 315KW 60Hz

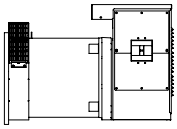


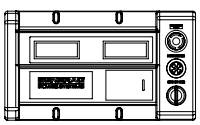
Generator image used for illustration purposes only

*EPA Certified Prime ratings are not available in the U.S. or its Territories for engine model year 2011 and beyond









features benefits

features	benefits
Generator Set	
PROTOTYPE & TORSIONALLY TESTED	PROVIDES A PROVEN UNIT
UL2200 TESTED	ENSURES A QUALITY PRODUCT
RHINOCOAT PAINT SYSTEM	IMPROVES RESISTANCE TO ELEMENTS
WIDE RANGE OF ENCLOSURES AND TANKS	PROVIDES A SINGLE SOURCE SOLUTION
Engine	
EPA COMPLIANT	ENVIRONMENTALLY FRIENDLY
INDUSTRIAL TESTED, GENERAC APPROVED	ENSURES INDUSTRIAL STANDARDS
POWER-MATCHED OUTPUT	ENGINEERED FOR PERFORMANCE
INDUSTRIAL GRADE	IMPROVES LONGEVITY AND RELIABILITY
Alternator	
TWO-THIRDS PITCH	ELIMINATES HARMFUL 3RD HARMONIC
LAYER WOUND ROTOR & STATOR	IMPROVES COOLING
CLASS H MATERIALS	HEAT TOLERANT DESIGN
DIGITAL 3-PHASE VOLTAGE CONTROL	FAST AND ACCURATE RESPONSE
Controls	
ENCAPSULATED BOARD W/ SEALED HARNESS	EASY, AFFORDABLE REPLACEMENT
4-20mA VOLTAGE-TO-CURRENT SENSORS	NOISE RESISTANT 24/7 MONITORING
SURFACE-MOUNT TECHNOLOGY	PROVIDES VIBRATION RESISTANCE
ADVANCED DIAGNOSTICS & COMMUNICATIONS	HARDENED RELIABILITY

primary codes and standards

NEMA · cULus LISTED · NFPA · ASTM INTERNATIONAL · ISO · ICC

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SD350 application and engineering data

ENGINE SPECIFICATIONS

General

Make	Iveco/FPT
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emissions Data Sheet
Cylinder #	6
Type	In-Line
Displacement - L	12.9
Bore - mm (in.)	134.6 (5.3)
Stroke - mm (in.)	149.9 (5.9)
Compression Ratio	16.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head Type	4-Valve
Piston Type	Aluminum
Crankshaft Type	Dropped Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	± 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full-Flow
Crankcase Capacity - L (qts)	35 (36.9)

Cooling System

Cooling System Type	Closed
Water Pump Flow	Belt Driven Centrifugal
Fan Type	Pusher
Fan Speed (rpm)	2466 rpm
Fan Diameter mm (in.)	762 (30.0)
Coolant Heater Standard Wattage	2000
Coolant Heater Standard Voltage	240VAC

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Inject Pump Make	Electronic
Fuel Pump Type	Engine Driven Gear
Injector Type	Electronic
Engine Type	Pre-Combustion
Fuel Supply Line - mm (in.)	12.7(½")
Fuel Return Line - mm (in.)	12.7(½")

Engine Electrical System

System Voltage	24VDC
Battery Charging Alternator	Std
Battery Size (at 0ºC)	1155 CCA
Battery Group	8D
Battery Voltage	(2) - 12VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	520 mm Generac
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	< 5%
Telephone Interference Factor (TIF)	< 50
Standard Excitation	Permanent Magnent
Bearings	One - Pre Lubed & Sealed
Coupling	Direct, Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes

Voltage Regulator Type	Digital
Number of Sensed Phases	3
Regulation Accuracy (Steady State)	± 0.25%

CODES AND STANDARDS COMPLIANCE (WHERE APPLICABLE)

NFPA 99	BS5514
NFPA 110	SAE J1349
ISO 8528-5	DIN6271
ISO 1708A.5	IEEE C62.41 TESTING
ISO 3046	NEMA ICS 1

Rating Definitions:
Standby – Applicable for a varying emergency load for the duration of a utility power outage with no overload capability. (Max. load factor = 70%)
Prime – Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. (Max. load factor = 80%) A 10% overload capacity is available for 1 out of every 12 hours.

SD350 operating data (60Hz)

POWER RATINGS (kW)

	STANDBY		PRIME	
Three-Phase 120/208VAC @0.8pf	350 kW	Amps: 1216	315 kW	Amps: 1094
Three-Phase 120/240VAC @0.8pf	350 kW	Amps: 1053	315 kW	Amps: 948
Three-Phase 277/480VAC @0.8pf	350 kW	Amps: 527	315 kW	Amps: 474
Three-Phase 346/600VAC @0.8pf	350 kW	Amps: 421	315 kW	Amps: 379

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

		480VAC						208/240VAC					
Alternator	kW	10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	400	387	581	775	968	1162	1356	210	350	500	680	875	1100
Upsize 1	442	475	720	915	1145	1030	1290	-	-	-	-	-	-
Upsize 2	555	457	686	914	1143	1371	1600	-	-	-	-	-	-

FUEL

Fuel Pump Lift - in (mm)
36 (900)

Total Fuel Pump Flow (Combustion + Return)
31 gph

Fuel Consumption Rates*

	STANDBY			PRIME	
Percent Load	gph	lph	Percent Load	gph	lph
25%	8.4	31.8	25%	7.56	28.8
50%	14.5	54.9	50%	13.05	49.6
75%	20.1	76.1	75%	18.09	68.5
100%	25.3	95.8	100%	22.77	86.3

* Refer to "Emissions Data Sheet" for maximum fuel flow for EPA and SCAQMD permitting purposes.

COOLING

		STANDBY	PRIME
Coolant Flow per Minute	gpm (lpm)	145 (552)	145 (552)
Heat Rejection to Coolant	BTU/hr	932,760	840,590
Inlet Air	cfm (m3/min)	19,070 (539.7)	19,070 (539.7)
Max. Operating Radiator Air Temp	F° (C°)	122 (50)	122 (50)
Max. Operating Ambient Temperature	F° (C°)	104 (40)	104 (40)
Coolant System Capacity	gal (L)	16.6 (63)	16.6 (63)
Maximum Radiator Backpressure	in H_2O	1.5	1.5

COMBUSTION AIR REQUIREMENTS

		STANDBY	PRIME
Flow at Rated Power	cfm (m3/min)	1195 (33.8)	1076 (30.4)

ENGINE

		STANDBY	PRIME
Rated Engine Speed	rpm	1800	1800
Horsepower at Rated kW**	hp	530	477
Piston Speed	ft/min	1770	1770
BMEP	psi	313	281

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

EXHAUST

		STANDBY	PRIME
Exhaust Flow (Rated Output)	cfm (m^3/min)	2988 (84.6)	2808 (79.5)
Max. Backpressure (Post Silencer)	inHg (Kpa)	1.5 (5.1)	1.5 (5.1)
Exhaust Temp (Rated Output)	°F (°C)	1076 (580)	1076 (580)
Exhaust Outlet Size (Open Set)	NPT (male)	88.9 (3.5)	88.9 (3.5)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

GENERAC | INDUSTRIAL POWER

SD350

standard features and options

GENERATOR SET

●	Genset Vibration Isolation	Std
○	IBC Seismic Certified/Seismic Rated Vibration Isolators	Opt
○	Extended warranty	Opt
○	Gen-Link Communications Software	Opt
○	Steel Enclosure	Opt
○	Aluminum Enclosure	Opt

ENGINE SYSTEM

General

●	Oil Drain Extension	Std
○	Oil Make-Up System	Opt
○	Oil Heater	Opt
●	Air cleaner	Std
●	Fan guard	Std
●	Radiator duct adapter	Std

Fuel System

●	Fuel lockoff solenoid	Std
●	Secondary fuel filter	Std
●	Stainless steel flexible exhaust connection	Std
●	Industrial Exhaust Silencer	Std
○	Critical Exhaust Silencer	Opt
○	Flexible fuel lines	Opt
○	Primary fuel filter	Opt
○	Single Wall Tank (Export Only)	-
○	UL 142 Fuel Tank	Opt

Cooling System

○	120VAC Coolant Heater	Opt
○	208VAC Coolant Heater	Opt
●	240VAC Coolant Heater	Std
○	Other Coolant Heater_____	-
●	Closed Coolant Recovery System	Std
●	UV/Ozone resistant hoses	Std
●	Factory-Installed Radiator	Std
●	Radiator Drain Extension	Std

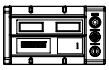
Engine Electrical System

●	Battery charging alternator	Std
●	Battery cables	Std
●	Battery tray	Std
○	Battery box	Opt
○	Battery heater	Opt
●	Solenoid activated starter motor	Std
○	10A UL float/equalize battery charger	Opt
●	Rubber-booted engine electrical connections	Std

ALTERNATOR SYSTEM

●	UL2200 GENprotect™	Std
○	Main Line Circuit Breaker	Opt
○	2nd Circuit Breaker	Opt
○	3rd Circuit Breaker	-
○	Alternator Upsizing	Opt
○	Anti-Condensation Heater	Opt
○	Tropical coating	Opt
●	Permanent Magnet Generator	Std

CONTROL SYSTEM



Control Panel

●	Digital H Control Panel - Dual 4x20 Display	Std
○	Digital G-100 Control Panel - Touchscreen	na
○	Digital G-200 Paralleling Control Panel - Touchscreen	na
●	Programmable Crank Limiter	Std
○	21-Light Remote Annunciator	Opt
○	Remote Relay Panel (8 or 16)	Opt
●	7-Day Programmable Exerciser	Std
●	Special Applications Programmable PLC	Std
●	RS-232	Std
●	RS-485	Std
●	All-Phase Sensing DVR	Std
●	Full System Status	Std
●	Utility Monitoring (Req. H-Transfer Switch)	Std
●	2-Wire Start Compatible	Std
●	Power Output (kW)	Std
●	Power Factor	Std
●	Reactive Power	Std
●	All phase AC Voltage	Std
●	All phase Currents	Std
●	Oil Pressure	Std
●	Coolant Temperature	Std
●	Coolant Level	Std
○	Oil Temperature	Opt
●	Fuel Pressure	Std
●	Engine Speed	Std
●	Battery Voltage	Std
●	Frequency	Std
●	Date/Time Fault History (Event Log)	Std
○	Low-Speed Exercise	-
●	Isochronous Governor Control	Std
●	-40deg C - 70deg C Operation	Std
●	Waterproof Plug-In Connectors	Std
●	Audible Alarms and Shutdowns	Std
●	Not in Auto (Flashing Light)	Std
●	Auto/Off/Manual Switch	Std
●	E-Stop (Red Mushroom-Type)	Std
○	Remote E-Stop (Break Glass-Type, Surface Mount)	Opt
○	Remote E-Stop (Red Mushroom-Type, Surface Mount)	Opt
○	Remote E-Stop (Red Mushroom-Type, Flush Mount)	Opt
●	NFPA 110 Level I and II (Programmable)	Std
●	Remote Communication - RS232	Std
○	Remote Communication - Modem	Opt
○	Remote Communication - Ethernet	Opt
○	10A Run Relay	Opt

Alarms (Programmable Tolerances, Pre-Alarms and Shutdowns)

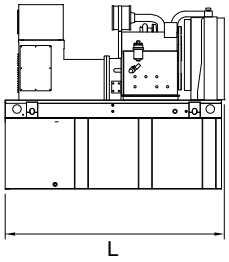
○	Low Fuel	Opt
●	Oil Pressure (Pre-programmed Low Pressure Shutdown)	Std
●	Coolant Temperature (Pre-programmed High Temp Shutdown)	Std
●	Coolant Level (Pre-programmed Low Level Shutdown)	Std
●	Oil Temperature	Std
●	Engine Speed (Pre-programmed Overspeed Shutdown)	Std
●	Voltage (Pre-programmed Overvoltage Shutdown)	Std
●	Battery Voltage	Std

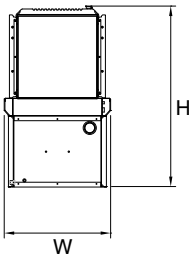
Other Options

○	_____
○	_____
○	_____

SD350

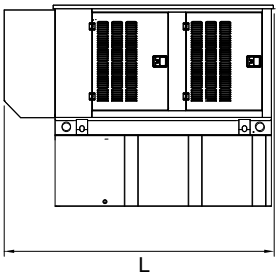
dimensions, weights and sound levels

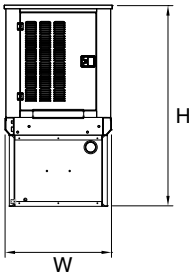




OPEN SET

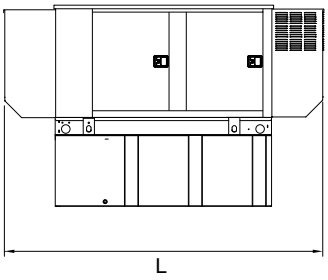
RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	136	58	68	6088	90
7	183	136	58	81	7036	
17	438	136	58	93	7348	
27	693	136	58	105	7651	
37	946	208	58	108	9295	
52	1325	278	58	108	10128	

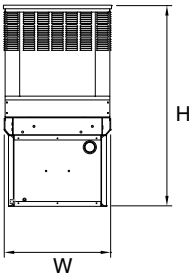




WEATHERPROOF ENCLOSURE

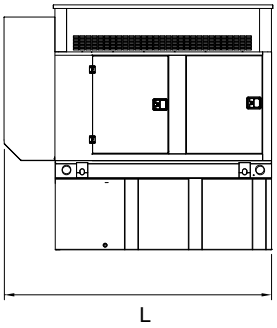
RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	175	58	78	8106	85
7	183	175	58	91	9054	
17	438	175	58	103	9366	
27	693	175	58	115	9669	
37	946	208	58	118	11313	
52	1325	278	58	118	12146	

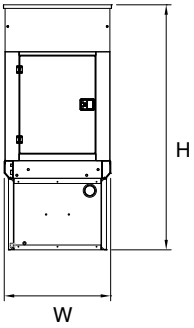




LEVEL 1 SOUND ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	200	58	78	8479	77
7	183	200	58	91	9427	
17	438	200	58	103	9739	
27	693	200	58	115	10042	
37	946	234	58	118	11686	
52	1325	304	58	118	12519	





LEVEL 2 SOUND ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	181	58	107	7988	75
7	183	181	58	120	8936	
17	438	181	58	132	9248	
27	693	181	58	144	9551	
37	946	208	58	147	11195	
52	1325	278	58	147	12028	

*All measurements are approximate and for estimation purposes only. Weights are without fuel in tank. Sound levels measured at 23ft (7m) and does not account for ambient site conditions.

Tank Options

○	MDEQ	OPT
○	Florida DERM/DEP	OPT
○	Chicago Fire Code	OPT
○	IFC Certification	CALL
○	ULC	CALL

Other Custom Options Available from your Generac Industrial Power Dealer

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

TREMONTON CITY

CITY COUNCIL MEETING

JULY 5, 2016

TITLE:	Discussion and provide information to City Council on water condition in the City.
FISCAL IMPACT:	
PRESENTER:	Paul Fulgham, Tremonton City Public Works Director

Prepared By:

Paul Fulgham
Public Works Director

RECOMMENDATION:

Discussion with the City Council.

BACKGROUND:

As the City Council contemplates what direction that we, the City, needs to move forward, in water development and how to pay for water development and how to encourage our citizens to conserve more water. I thought it was imperative that the City Council have information of the City's water use over the last few years.

Attachments:

1. Tremonton City Water Use Spread Sheets & Graph

TREMONTON CITY WATER USAGE 2011 - 2016

JAN.	2011 SOURCE	2012 SOURCE	2013 SOURCE	2014 SOURCE	2015 SOURCE	2016 SOURCE
1	14,200,461	13,012,683	11,143,559	10,426,361	13,893,265	12,375,402
2	12,131,991	14,158,812	12,575,813	10,988,032	10,995,773	11,770,736
3	12,359,367	12,424,137	11,758,644	10,976,895	10,456,533	11,630,278
4	12,566,023	13,274,904	11,859,022	10,722,916	10,749,447	10,982,844
5			11,482,467	11,322,029		
TOTAL	51,257,842	52,870,536	58,819,505	54,436,233	46,095,018	46,759,260

FEB.						
1	12,518,087	12,435,329	12,634,204	11,114,921	10,409,129	10,946,806
2	12,788,767	13,138,106	12,497,078	11,683,558	10,392,475	12,005,546
3	12,906,073	13,091,779	10,838,959	11,247,903	10,014,669	10,898,442
4	12,403,795	13,272,565	11,857,400	12,374,401	10,765,884	11,940,453
TOTAL	50,616,722	51,937,779	47,827,641	46,420,783	41,582,157	45,791,247

MAR.						
1	13,580,100	13,003,660	11,888,560	11,590,181	10,224,244	11,149,953
2	12,850,574	12,063,466	12,107,890	11,075,509	10,376,856	11,574,201
3	13,164,797	13,869,844	11,481,571	11,231,700	10,921,695	11,876,598
4	13,504,802	11,727,855	11,213,245	12,323,375	10,993,418	11,830,473
5	13,608,678	12,196,365				11,396,486
TOTAL	66,708,951	62,861,190	46,691,266	46,220,765	42,516,213	57,827,711

APR.						
1	13,057,681	18,973,900	10,906,379	11,147,542	12,340,451	12,716,404
2	13,144,941	7,608,713	11,219,096	12,263,841	11,880,649	13,110,567
3	12,801,129	14,485,696	11,716,464	13,826,453	12,179,348	12,791,360
4	12,419,913	16,868,818	13,069,646	13,984,310	14,889,024	12,305,577
5				14,289,625	13,944,392	
TOTAL	51,423,664	57,937,127	46,911,585	65,511,771	65,233,864	50,923,908

MAY						
1	11,902,552	19,396,742	17,899,699	14,932,906	17,226,504	14,076,771
2	14,000,467	19,438,915	18,717,131	14,784,131	14,172,563	14,535,229
3	14,617,283	24,549,943	23,886,144	20,285,053	13,509,274	16,622,468
4	21,817,343	23,145,415	18,568,454	23,414,640	13,972,264	16,276,788
5		20,723,929	19,258,329			18,824,374
TOTAL	62,337,645	107,254,944	98,329,757	73,416,730	58,880,605	80,335,630

JUN.						
1	13,690,172	25,407,549	24,965,085	27,512,285	15,367,922	26,432,918
2	16,665,646	27,558,014	27,946,653	28,004,643	19,662,864	26,646,933
3	16,977,036	28,806,504	28,535,677	25,502,164	22,385,448	28,484,019
4	25,835,721	31,111,859	30,328,420	26,391,803	26,385,020	
5	28,095,313					
TOTAL	101,263,888	112,883,926	111,775,835	107,410,895	83,801,254	81,563,870

JUL.						
1	30,217,437	31,242,741	29,057,487	23,558,663	26,217,154	
2	32,249,070	30,983,472	28,472,700	34,188,895	31,604,366	
3	32,529,423	27,304,747	30,292,527	30,293,999	28,462,767	
4	33,216,182	30,459,570	31,019,318	30,029,405	21,782,705	
5			24,893,315	29,481,332	30,766,370	
TOTAL	128,212,112	119,990,530	143,735,347	147,552,294	138,833,362	0

AUG.

1	26,965,106	31,146,686	34,267,424	25,142,258	25,720,056	
2	30,729,893	29,179,653	29,572,970	24,354,788	24,567,051	
3	28,850,939	31,191,351	29,804,722	25,185,726	26,650,771	
4	29,493,397	28,747,749	29,052,023	19,619,509	26,430,635	
5	29,251,134	27,286,915				
TOTAL	145,290,469	147,552,354	122,697,139	94,302,281	103,368,513	0

SEP.

1	25,125,359	23,336,689	22,834,261	21,230,281	27,261,986	
2	25,217,141	24,470,570	20,501,304	21,633,797	24,435,330	
3	21,348,771	23,471,524	19,074,923	22,439,562	23,401,991	
4	20,493,866	21,253,516	18,358,157	19,582,667	18,267,615	
5				14,421,081	19,039,989	
TOTAL	92,185,137	92,532,299	80,768,645	99,307,388	112,406,911	0

OCT.

1	20,234,204	19,845,192	16,191,716	14,364,924	15,168,139	
2	17,914,755	18,164,738	14,520,473	13,930,578	15,816,435	
3	17,208,193	15,074,282	12,421,808	13,327,836	13,729,091	
4	12,636,040	12,239,896	13,349,806	12,540,285	12,117,659	
5		10,865,397	11,625,791			
TOTAL	67,993,192	76,189,505	68,109,594	54,163,623	56,831,324	0

NOV.

1	13,894,953	12,001,628	11,838,950	11,916,092	12,039,019	
2	12,246,357	10,428,449	12,642,809	10,167,119	11,073,582	
3	11,780,458	7,512,618	11,426,064	10,871,662	11,118,470	
4	8,774,448	12,487,119	7,987,263	7,638,246	7,807,502	
5	14,142,364					
TOTAL	60,838,580	42,429,814	43,895,086	40,593,119	42,038,573	0

DEC.

1	13,275,245	10,301,198	13,257,117	13,357,118	13,224,252	
2	11,540,584	10,383,916	11,466,144	10,607,790	11,128,178	
3	11,524,026	11,052,302	11,510,623	10,796,536	12,231,622	
4	11,687,892	10,362,045	10,150,643	7,110,002	7,889,635	
5				9,658,941	11,075,544	
TOTAL	48,027,747	42,099,461	46,384,527	51,530,387	55,549,231	0

	2011	2012	2013	2014	2015	2016
JAN.	51,257,842	52,870,536	58,819,505	54,436,233	46,095,018	46,759,260
FEB.	50,616,722	51,937,779	47,827,641	46,420,783	41,582,157	45,791,247
MAR.	66,708,951	62,861,190	46,691,266	46,220,765	42,516,213	57,827,711
APR.	51,423,664	57,937,127	46,911,585	65,511,771	65,233,864	50,923,908
MAY	62,337,645	107,254,944	98,329,757	73,416,730	58,880,605	80,335,630
JUNE	101,263,888	112,883,926	111,775,835	107,410,895	83,801,254	81,563,870
JULY	128,212,112	119,990,530	143,735,347	147,552,294	138,833,362	0
AUG.	145,290,469	147,552,354	122,697,139	94,302,281	103,368,513	0
SEP.	92,185,137	92,532,299	80,768,645	99,307,388	112,406,911	0
OCT.	67,993,192	76,189,505	68,109,594	54,163,623	56,831,324	0
NOV.	60,838,580	42,429,814	43,895,086	40,593,119	42,038,573	0
DEC.	48,027,747	42,099,461	46,384,527	51,530,387	55,549,231	0
TOTAL	926,155,949	966,539,465	915,945,927	880,866,269	847,137,025	363,201,626
TOTAL	2,842.27	2,966.20	2,810.93	2,703.28	2,599.77	1,114.62

Tremonton City Week-By-Week Water Use - 2015 & 2016

	Average Water Use Gallons		
Week	**Week**	**Day**	**Minute**
January 9, 2015	13,893,265	1,984,752	1,378
January 16, 2015	10,995,773	1,570,825	1,091
January 23, 2015	10,456,533	1,493,790	1,037
January 30, 2015	10,749,447	1,535,635	1,066
February 6, 2015	10,409,129	1,487,018	1,033
February 13, 2015	10,392,475	1,484,639	1,031
February 20, 2015	10,014,669	1,430,667	994
February 27, 2015	10,765,884	1,537,983	1,068
March 6, 2015	10,224,244	1,460,606	1,014
March 13, 2015	10,376,856	1,482,408	1,029
March 20, 2015	10,921,695	1,560,242	1,084
March 27, 2015	10,993,418	1,570,488	1,091
April 3, 2015	12,340,451	1,762,922	1,224
April 10, 2015	11,880,649	1,697,236	1,179
April 17, 2015	12,179,348	1,739,907	1,208
April 24, 2015	14,889,024	2,127,003	1,477
May 1, 2015	13,944,392	1,992,056	1,383
May 8, 2015	17,226,504	2,460,929	1,709
May 15, 2015	14,172,563	2,024,652	1,406
May 22, 2015	13,509,274	1,929,896	1,340
May 29, 2015	13,972,264	1,996,038	1,386
June 5, 2015	15,367,922	2,195,417	1,525
June 12, 2015	19,662,864	2,808,981	1,951
June 19, 2015	22,385,448	3,197,921	2,221
June 26, 2015	26,385,020	3,769,289	2,618
July 2, 2015	26,217,154	3,745,308	2,601
July 10, 2015	31,604,366	5,267,394	3,658
July 17, 2015	28,462,767	3,557,846	2,471
July 23, 2015	21,782,705	3,111,815	2,161
July 31, 2015	30,766,370	4,395,196	3,052
August 7, 2015	25,720,056	4,286,676	2,977
August 14, 2015	24,567,051	3,070,881	2,133
August 21, 2015	26,650,771	3,807,253	2,644
August 28, 2015	26,430,635	3,775,805	2,622
September 4, 2015	27,261,986	3,894,569	2,705
September 11, 2015	24,435,330	3,490,761	2,424
September 18, 2015	23,401,991	3,343,142	2,322
September 25, 2015	18,267,615	2,609,659	1,812
October 2, 2015	19,039,989	2,719,998	1,889
October 9, 2015	15,168,139	2,166,877	1,505
October 16, 2015	15,816,435	2,259,491	1,569
October 23, 2015	13,729,091	1,961,299	1,362
October 30, 2015	12,117,659	1,731,094	1,202
November 6, 2015	12,039,019	1,719,860	1,194
November 13, 2015	11,073,582	1,581,940	1,099
November 20, 2015	11,118,470	1,588,353	1,103
November 25, 2015	7,807,502	1,561,500	1,084
December 4, 2016	13,224,252	1,469,361	1,020
December 11, 2016	11,128,178	1,589,740	1,104
December 18, 2016	12,231,622	1,747,375	1,213
December 24, 2016	7,889,635	1,314,939	913
December 31, 2016	11,075,544	1,582,221	1,099
		0	0
Yearly Total/Average	**847,137,025**	**2,320,923**	**1,612**

	Average Water Use Gallons		
Week	**Week**	**Day**	**Minute**
January 8, 2016	12,375,402	1,767,915	1,228
January 15, 2016	11,770,736	1,681,534	1,168
January 22, 2016	11,630,278	1,661,468	1,154
January 29, 2016	10,982,844	1,568,978	1,090
February 5, 2016	10,946,806	1,563,829	1,086
February 12, 2016	12,005,546	1,715,078	1,191
February 19, 2016	10,898,442	1,556,920	1,081
February 26, 2016	11,940,453	1,705,779	1,185
March 4, 2016	11,149,953	1,592,850	1,106
March 11, 2016	11,574,201	1,653,457	1,148
March 18, 2016	11,876,598	1,696,657	1,178
March 25, 2016	11,830,473	1,690,068	1,174
April 1, 2016	11,396,486	1,628,069	1,131
April 8, 2016	12,716,404	1,816,629	1,262
April 15, 2016	13,110,567	1,872,938	1,301
April 22, 2016	12,791,360	1,827,337	1,269
April 29, 2016	12,305,577	1,757,940	1,221
May 6, 2016	14,076,771	2,010,967	1,397
May 13, 2016	14,535,229	2,076,461	1,442
May 20, 2016	16,622,468	2,374,638	1,649
May 27, 2016	16,276,788	2,325,255	1,615
June 3, 2016	18,824,374	2,689,196	1,867
June 10, 2016	26,432,918	3,776,131	2,622
June 17, 2016	26,646,933	3,806,705	2,644
June 24, 2016	28,484,019	4,069,146	2,826
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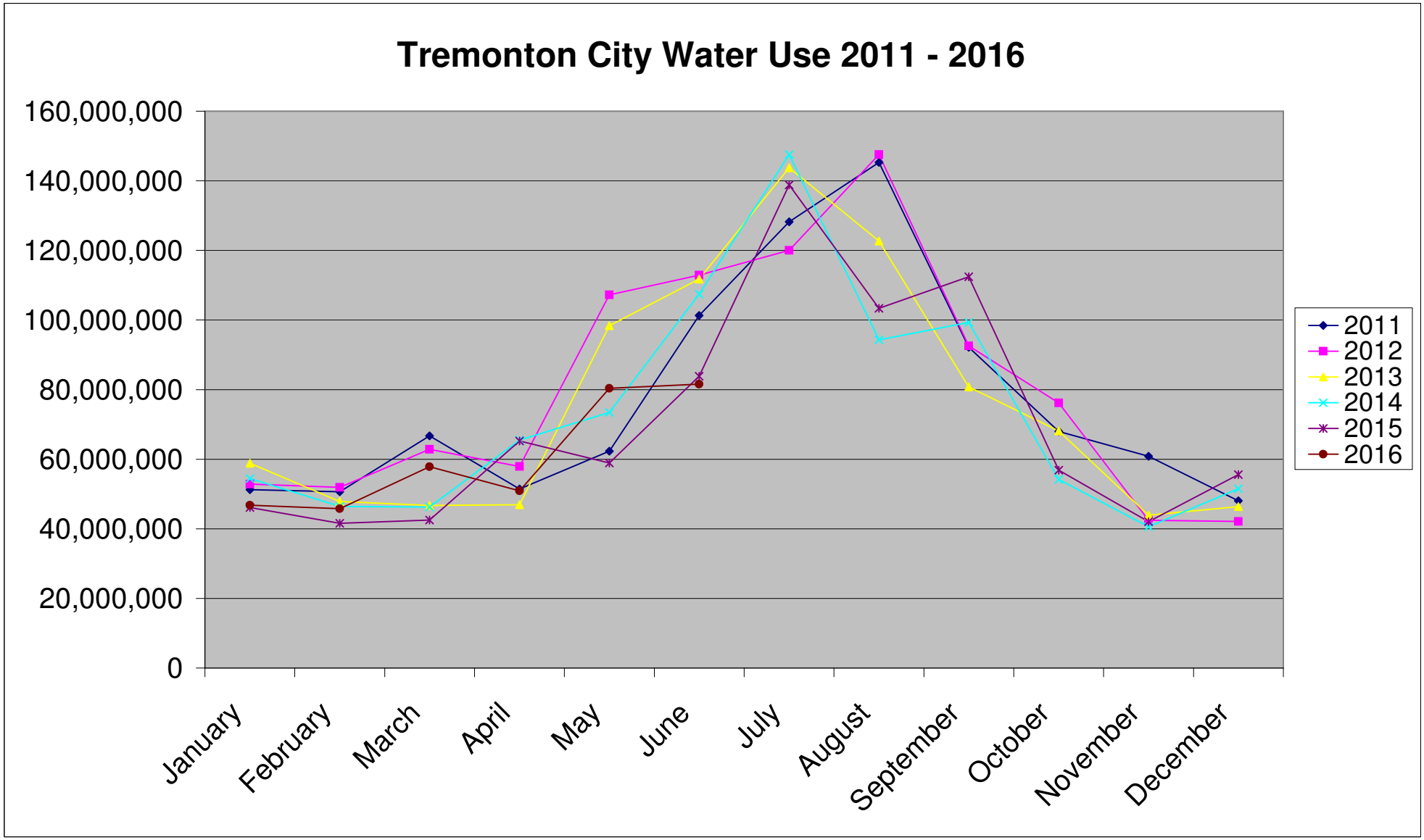
Yearly Total/Average	**363,201,626**	**995,073**	**691**

Tremonton City Water Use Comparison 2011 - 2016

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2011	51,257,842	50,616,722	66,708,951	51,423,664	62,337,645	101,263,888	128,212,112	145,290,469	92,185,137	67,993,192	60,838,580	48,027,747	926,155,949
2012	52,870,536	51,937,779	62,861,190	57,937,127	107,254,944	112,883,926	119,990,530	147,552,354	92,532,299	76,189,505	42,429,814	42,099,461	966,539,465
2013	58,819,505	47,827,641	46,691,266	46,911,585	98,329,757	111,775,835	143,735,347	122,697,139	80,768,645	68,109,594	43,895,086	46,384,527	915,945,927
2014	54,436,233	46,420,783	46,220,765	65,511,771	73,416,730	107,410,895	147,552,294	94,302,281	99,307,388	54,163,623	40,593,119	51,530,387	880,866,269
2015	46,095,018	41,582,157	42,516,213	65,233,864	58,880,605	83,801,254	138,833,362	103,368,513	112,406,911	56,831,324	42,038,573	55,549,231	847,137,025
2016	46,759,260	45,791,247	57,827,711	50,923,908	80,335,630	81,563,870							363,201,626



Tremonton City Water Use Comparison (Growth & Industry) 2001 - 2004 - 2008 - 2015

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2001	37,707,031	29,897,200	27,990,112	30,902,607	82,529,798	79,293,245	107,334,432	99,355,642	71,126,458	57,727,388	29,844,981	29,085,761	682,794,655
2004	31,445,725	31,082,350	39,464,027	40,823,232	54,371,318	78,546,679	82,646,801	71,723,480	69,419,821	43,262,237	29,880,926	42,373,064	615,039,660
2008	44,890,499	39,116,506	40,412,491	55,693,842	61,640,424	74,184,654	133,055,956	103,830,212	82,014,322	69,662,318	37,432,859	49,185,973	791,120,056
2015	46,095,018	41,582,157	42,516,213	65,233,864	58,880,605	83,801,254	138,833,362	103,368,513	112,406,911	56,831,324	42,038,573	55,549,231	847,137,025
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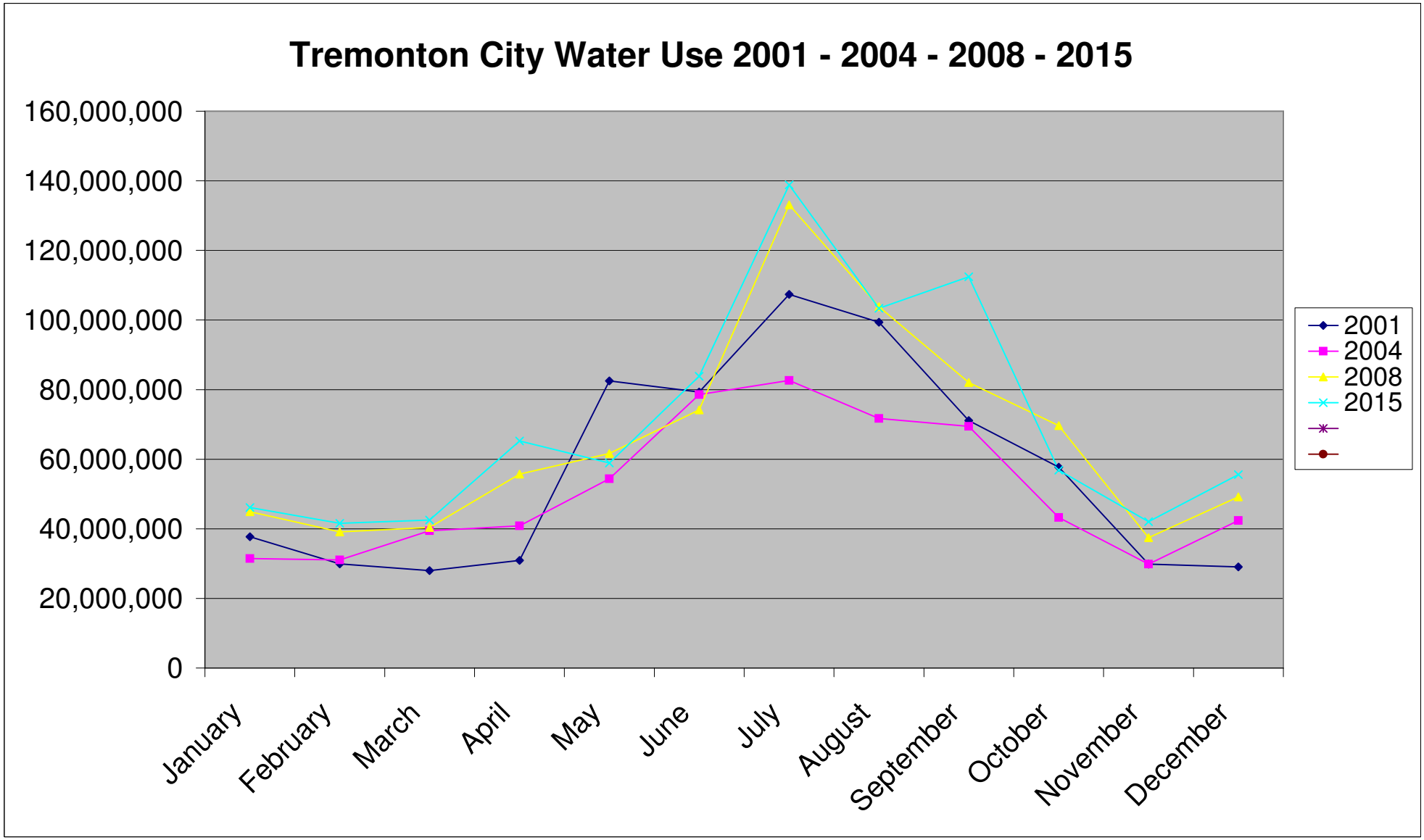

TREMONTON CITY

CITY COUNCIL MEETING

Tuesday, July 5, 2016

TITLE:	Tremonton City Days Update
FISCAL IMPACT:	Appropriated in the operating budget
PRESENTER:	Marc Christensen

Prepared By:

Marc Christensen
Tremonton Parks and Recreation Director

UPDATE:

We are excited about City Days this year. We have lots of fun activities planned for the community. Attached is a draft schedule of events.

Tremonton City Days will be held July 18-23 with the big day being Saturday, July 23. We have planned the City Council breakfast on July 23 at North Park. You will serve breakfast to the public from 8-10am. Please arrive at 7:30am to help set up.

Attachments: Schedule of Events for City Days 2016

City Days 2016			
Date/Activity	**Location**	**Starts**	**Notes**
Friday, July 15			
Suicide Prevention Walk	Jeanie Stevens Park	8:00 PM	Suicide Prevention Coalition
Monday, July 18			
Community Dinner - Dutch Oven/Hoedown	Shuman Park	6:00 PM	Looking for ideas: Community talent show, cowboy poetry, roping trick show, …
Tuesday, July 19			
Pickleball	City Tennis Courts	5:00 PM	
Wednesday, July 20			
Teen Dodgeball	Fairgrounds	7:00 PM	Youth City Council to organize
Thursday, July 21			
All Star Games	Jeanie Stevens Park	5:00 PM	3-4th Grade Boys @ 5:00pm West; 4-6th Grade Girls 6:00pm West; 5-6 Grade Boys @ 5:00pm East; 7-9th Grade Boys @ 6:00 pm East
Alumni Game	Jeanie Stevens Park	7:00 PM	West Field
Friday, July 22			
BBQ Contest	Shuman Park	7:00 AM	
Booths	Shuman Park	11:00 AM	
Local Produce Farmers Market	Shuman Park	11:00 AM	Need vendors
Softball Tournament	Jeanie Stevens Park/North Park	6:00 PM	
BBQ Judging	Shuman Park	6:00 PM	Need Judges
Girls Pageant	Box Elder County Fairgrounds	6:00 PM	
Movie in the Park	Shuman Park	9:00 PM	Inside Out
Saturday, July 23			
5K Race	North Park	7:30 AM	
City Council Breakfast	North Park	8:00 AM	Ideas for a program during the breakfast
Softball Tournament	Jeanie Stevens Park/North Park	8:00 AM	
Sand Volleyball	Jeanie Stevens Park	9:00 AM	Need teams
Car Show	Jeanie Stevens Park	9:00 AM	Need ideas for activities during the car show: Carnival rides, music, tanglewood fundraiser, fish grab, Food Trucks...
Booths	Shuman Park	9:00 AM	
Baby Contest	Shuman Park	9:00 AM	
Bounce Houses	Shuman Park	10:00 AM	
Crown Pageant Winner	Shuman Park	12:00 PM	Last years winners to help with activities
Bingo & Family Contests	Shuman Park	1:00 PM	
Car Show Parade	Stevens to Shuman	2:00 PM	Police escort
Magic Man	Shuman Park	4:00 PM	Elias "Lefty" Caress
Color Fest	Jeanie Stevens Park	7:00 PM	
Concert	Jeanie Stevens Park	8:00 PM	Any ideas for a band?
Fireworks	Jeanie Stevens Park	10:00 PM	

Other Possible Events

Home Run Derby - TBD @ Stevens

Carnival Rides - Possible during car show

Tanglewood Fundraiser

Magic Street show