

## **Action Item #5 – 2011 Duke Power Share Agreement**

This agreement (See Attachment) permits the City of Westfield Public Works Department to enter into a Power Share Program with Duke Energy. This Power Share Program is an energy program that allows Duke Energy to manage the peak demands on their electrical system in Central Indiana by reducing the electrical load utilizing alternative operation of facilities by the use of onsite generators at the Public Works River Road Water Treatment Facility and Wastewater Treatment Facility.

Power Share Program pays premiums for participation in the program and an additional credit for power reductions during events. Additional credits are typically available during events, however not knowing how many events will be called and the cost of each makes an estimate of those benefits difficult.

Below is a detail of the estimated premiums that typically make up the bulk of the cost savings realized by this program:

### **River Road Water Treatment Plant**

2010 Final Premium: \$7,059.29 \*

2011 Estimated Premium: \$6,998.00

### **Wastewater Treatment Plant**

2010 Final Premium: \$12,107.00 \*

2011 Estimated Premium: 10,871.48

\* - Estimated final numbers, the finalized numbers will be calculated in May.

**Total Potential 2011 Credit Combined: \$17,869.48**

### **Actual Past Savings**

2006 - \$14,184.19

2007 - \$19,152.70

2008 - \$16,128.38

2009 - \$19,377.00

2010 - \$17,840.77 \*

The Westfield Public Works Department has participated in the program over the past 5 years with a combined cost savings of \$88,008.56.

Therefore, the Westfield Public Works Department recommends that the Board of Public Works and Safety authorize the Westfield Public Works Department Director to execute the agreement with Duke Energy to enter in to the Duke Energy Power Share Agreement for 2011.