

Jared Blanton

From: Jared Blanton
Sent: Wednesday, October 21, 2020 7:09 AM
To: Levy County Commission District 5; Levy County Commission District 1; Wilbur Dean
Subject: FW: Half cent hourly rate

Here's a good example of what some folks have time to worry about.

Jared Blanton, MBA, CPA
Finance Officer
Levy Clerk & Comptroller Danny J. Shipp
355 S. Court Street
Bronson, FL 32621
(352) 486-5266 ext. 1225

From: Jared Blanton
Sent: Tuesday, October 20, 2020 3:35 PM
To: kgraves2528@yahoo.com; Chief Mitch Harrell <mharrell@levydps.com>
Cc: Faith Southard <southard-faith@levyclerk.com>; Sandy Haddock <haddock-sandy@levyclerk.com>; Jacqueline Martin <martin-jacqueline@levycounty.org>
Subject: RE: Half cent hourly rate

I'm not going to spend a ton of time on this, but, in short: We allow the computer to calculate and pay the payroll based on the rates and formulas in the system. Our system tracks pay rates to the 4th decimal – (\$0.000**1**), so stuff in the 3rd decimal place as is being discussed here should not be beyond the system's precision ability to calculate.

The problem is when it comes to actual pay, obviously the system must round to a full penny to pay someone. We're not going to manually make adjustments for half-pennies, because we're not able to create new denominations of U.S. currency in our bank account. The system must be rounding, and my guess is that it rounds up. But that's a guess.

On even OT hours, I would think this is going to result in a full penny ($2 \times .005 = .01$, $4 \times .005 = .02$, etc). On odd numbers of OT hours, there is going to be a half penny ($3 \times .005 = .015$). My presumption is that the formula is set up to round up on half-pennies (.015 becomes .02), but I could be wrong.

My guess is that the system is rounding up to a full penny on everything above \$0.0049, and thereby slightly overpaying the employees, but I could be mistaken. If employees and the Department can give mathematical support for how they were shorted these pennies then once per year we can pay them out with a single retro entry. Mathematically, in a hurry, I'm pretty sure it couldn't be more than $\$0.009 \times 26 = \0.234 (we'll say \$0.24) per year – so if they want to

do the work for that amount to prove our system wrong, be my guest, we'll benefit by learning exactly what it's doing, because I don't have time to find out otherwise. Here's (almost) a quarter...I guess we don't have pay phones anymore.

That \$0.24 would be unlikely, though, and would require an Odd number of hours every single time, and for the system to never round up, not even in cases where the pennies calculated to \$.009. My suspicion is that it's rounding up when it's above \$0.0049, and down in all other instances, since that's the accepted math convention on rounding. The presumption would be that you win some, lose some.

Hope this helps clarify.

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From: Faith Southard <southard-faith@levyclerk.com>
Sent: Tuesday, October 20, 2020 3:04 PM
To: Jared Blanton <blanton-jared@levyclerk.com>
Subject: FW: Half cent hourly rate

I'm not sure who needs to answer this....

From: Sandy Haddock <haddock-sandy@levyclerk.com>
Sent: Tuesday, October 20, 2020 1:20 PM
To: Faith Southard <southard-faith@levyclerk.com>
Cc: Katy Graves <kgraves@levydps.com>; Mitch Harrell <mharrell@levydps.com>
Subject: FW: Half cent hourly rate

Faith,
I am forwarding this email to you for reply or to forward to the correct person for an answer it.
Thanks

SANDY HADDOCK
Levy County Clerk
HR Deputy Clerk
County Asset Clerk

352-486-5266x1227

From: Katy Graves <kgraves2528@yahoo.com>

Sent: Tuesday, October 20, 2020 9:04 AM

To: Sandy Haddock <haddock-sandy@levyclerk.com>

Cc: Mitch Harrell <mharrell@levydps.com>; Katy Graves <iafflocal4069@yahoo.com>

Subject: Half cent hourly rate

Good Morning Sandy,

It was just brought to my attention that an employee noticed his overtime rate of pay included half a cent. Upon further investigation, I learned that my OT rate also has half a cent (Mine- \$25.0050 His-\$21.4650). How is finance paying the half cent in these cases if at the end of the pay period it has not equaled a full or whole amount?

Katy Graves

President

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