Energy Trading Powered by Blockchain Technology

**Date:** January 17, 2018

**Topic:** Gas Trade Outline

**Attendees:** Lee

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**New Gas Sales Deal - BackOffice** (by clicking “**New Purchase Ticket**” on top menu) (same as “purchase deal”)

\*\*all bold text appears as is in the platform

\*\*\*\*Make all units able to be changed (MMBTU, $, decatherms)

Add: confirmation number,

1. **Confirmed By:** (internal tracking) (usually buyer or seller initiaited form, think the seller does)
   1. Needs name (has checkbox?)
   2. **Date:**
      1. Dropdown box
2. **Actualized By:** (internal tracking) (must register deal to flow across contracts) (nothing to do with deal
   1. Needs name (has checkbox?)
   2. **Date:**
      1. Dropdown box
3. **Is Adency Deal?** (internal) (ignore)
   1. Checkbox
4. **Deal Type:** (one type: physical gas)
   1. **Balancing**
   2. **Bookout**
   3. **Exchange**
   4. **Financial**
   5. **Option**
   6. **Physical Gas**
   7. **Storage**
5. **Term** (metric for timing the trade?) (internal trade)
   1. **Baseload**
   2. **Intra-Day**
      1. Same day
   3. **Next Day**
   4. **Swing**
      1. A few days to 2 weeks
   5. **Term**
6. **Firm** (firm = this must be done, non-firm = it may get there) (\*\*necessary)
   1. **Firm**
   2. **non-Firm**
7. **Start Date** (“delivery period”)(certain amount gas per day over certtain amount of days) (\*\*necessary)
   1. Drop down box
8. **End Date:** (same as above)
   1. Drop down box
9. **Pipe** (who the gas is coming from ) (\*\*nec)
   1. Dropdown box
      1. **FGT** (party)
10. **Counter Party** (who gas is going to) (\*\*nec)
    1. **FGT** (party)
    2. **FGU** (party)

**10.b Party**

1. **Contact** (“Attn” on naesb form) (\*\*nec)
   1. **Bill**
   2. **John**
2. **Portfolio** (internal) (unndeeded)
   1. **FGU** (party)
3. **Pricing Method:** (\*\*nec) (fixed= fill out on naesb form) (manualy written by user) (companies want more complex calcs that these 3)
   1. **Basis \* Factor**
   2. **Basis + Factor**
   3. **Fixed**
4. **Index** (\*\*nec)(capture from gto)
   1. Drop down box (not populated)
5. **Index Factor:** (\*\*nec) (capture from gto)
   1. Text input
6. **FIxed Price** (\*\*nec)
   1. Text input (only dollars)
7. **Drag a column header here to group by that column?**
   1. **Point** (can be multiple points)
   2. **Volume** (vol per point)
8. **Comments:** (special conditions) (\*\*nec)
   1. Text input
9. **Total Volume:** (\*\*nec)(total vol for all points)
   1. Box to be populated
10. **Deal Date** (current date)(have them manually, no automatic) (\*\*nec)
    1. Drop down box (dates)
11. **Total Price:** (ignore) (price can be misleading) (spceific gto purposes)
    1. Box to be populated
12. **Trader** (analogous to contact) (deal can be going either way)
    1. Drop down box (names)
13. **Entered On:** (default to current date if not entered manually) (may need to hardcode)
    1. Prefill todays date
14. **Entered By:** (internal)
    1. Prefill user login name
15. **Actualization Table?** (not needed) (beyond our scope)
    1. **Location**
    2. **Flow Date**
    3. **$/MMBtu**
    4. **Deal $**
    5. **Actual $**
    6. **Deal Vol**
    7. **Actual Vol**
    8. **Imbalance**
    9. **Cut**
    10. **Fuel**
    11. **Kontract UID**