**VS Project Inverse Engineering Part 3 Section 2**

1，CRF BALANCE, BEGINNING OF YEAR

2018 Capital Reserve Fund Balance资本公积金

Sum of Capital Reserve Fund Balance in 2018 FROM THE PIVOT TABLE

Next Year CRF balance=Previous year CRF balance+ Previous year total CRF revenue – Previous year CRF Expense= CRF BALANCE, END OF YEAR

2. Mandatory transfer from operations

Sum of Annual capital reserve deposit 年度资本公积金存款 FROM THE PIVOT TABLE

Next year Sum of Annual capital reserve deposit=Base year Sum of Annual capital reserve deposit\*(1+Mandatory transfer from operations rate(from table 1))^(current year -base year)

3. Investment income

Sum of Investment income/(loss) FROM THE PIVOT TABLE

Next year Investment income = CRF BALANCE, END OF YEAR\* CRF Revenue Investment income rate (from table 1)

4. Contribution from 50% surplus

ABS(Amount of Surplus subject to sharing under the Housing Services Act in this year\*SM Share of Surplus (to be contributed to CRF))+0 （since no Surplus to CRF）

5. SM top-up to per unit max NO Value

6. Additional funding NO Value

7. Total CRF Revenues

Sum of Mandatory transfer from operations, Investment income, Contribution from 50% surplus, SM top-up to per unit max, Additional funding

8. Actuals (Asset Planner + Projected)

Sum of this year cost for AP for Repeatable items(SSY)+ Sum of Current capital demand for AP Combined 2 items (SSN) this year

9. Total CRF Expenses= Actuals (Asset Planner + Projected)

10. CRF BALANCE, END OF YEAR

Next Year CRF balance=Previous year CRF balance+ Previous year total CRF revenue – Previous year CRF Expense= CRF BALANCE, END OF YEAR