**ALM.Calculations**

 **NatCW Tam Alb Chld Pyg Unb Pru Kac Yaq Og Zm**

4 Motivational Inputs CNTRLRs/CNTRLR\*s

**iC+** (0 ~ +2) 0 0 **0 0 0 0 2** 101 0

**iiC+** (0 ~ +4)   **0 0 1 0 4 0 3** 2 3 3 3

**iiiC+**&**iiiC\*+** (0 ~ +10) 0 0 **2 0 6 0 5** 6 4 7 10

**ivC+** &**ivC\*+** (0 ~ +1)**1 1 1 1 0 1 0** 0 1 1 0

2 Demotivational Inputs

**iC-** (0 ~ -2) -1 0 0 -1 0 0 0 0 -1 0 0

**iC-\*** (0 ~ -3) 0 0 0 0 0 -2 0 0 0 0 -1

4 Impunity Inputs CNTRLRs

**1C+&1C\*+ (0 ~ +2)**   1 **0** **1 2 2 0 1 1** 0 **1 2**

**2C+&2C\*+ (0 ~ +3)  2 2 1 2 1 3 2** 1 3 2 3

**3C+&3C\*+ (0 ~ +5) 4 5 4 5 4 5 3** 4 5 4 5

**4C+&4C\*+ (0~ +7) 4 3 3 4 5 7 2 4 2 5 4**

**A = 11 11 13 11 22 10 18 19 17 24 26**

The 3Motivational Inputs for VHCs are:

**iV+ (0 ~ +5)** 1 0 **2 0 1 0 1** 4 1 5 0

**iiV+ (0~+2)**00**1 0 0 1 0** 2 0 1 0

**iiiV+ (0~+4)1 1 0 0 0 3 0** 0 0 4 0

The **6** Demotivational Inputs for VHCs are

 **iV- (0 ~ -2) -1 0 -1 0 0 0 0** -2 0 -1 0

**iiV- (0 ~ -3) -3 -1 -2 -3 0 -1 0** -2 -3 -2 -3

**iiiV- (0 ~ -10) -5 -3 -6 -4 -10 -1 -10 -8 -8 -7 -8**

**ivV- (0 ~ -7**) 0 -2 **0 0 -1 -5 -5** -3 -6 -4 -6

**vV- (0 ~ -1) -1 -1 -1 -1 -1 0 -1** 0 -1 0 0

**viV- (0 ~ -3) -1 0 -2 -2 -3 -2 -1** 0 -3 -1 0

**B = -9 -6 -9 -10 - 13 -7 -16 -9 -20 -5 -17**

 **[A] – [B] = HIIN = 20 17 22 21 35 17 34 28 37 29 43**

 **NatCW Tam Alb Chld Pyg Unb Pru Kac Yaq Og Zm**

 **20 17 22 21 35 17 34 28 37 29 43**

**Single:** **NatCW Tam Alb Chld** **Unb ~** 17 - 22

**Group: Pyg Pru Yaq Zm ~** 34 – 43

**Groups resisting: Kac Og ~** 28 - 29