Output	SRATC1	SRATC2	SRATC3
100	10	13	17
200	9	11	15
300	8	9	13
400	7	8	12
500	8	6	11
600	9	5	10
700	10	6	9
800	11	8	7
900	12	9	8
1000	13	10	9
1100	14	11	10

Building the LRATC

Plant 1 has lowest cost for volumes up to 400

Plant 2 has lowest cost between 400 and 700

Plant 3 has lowest cost above 700

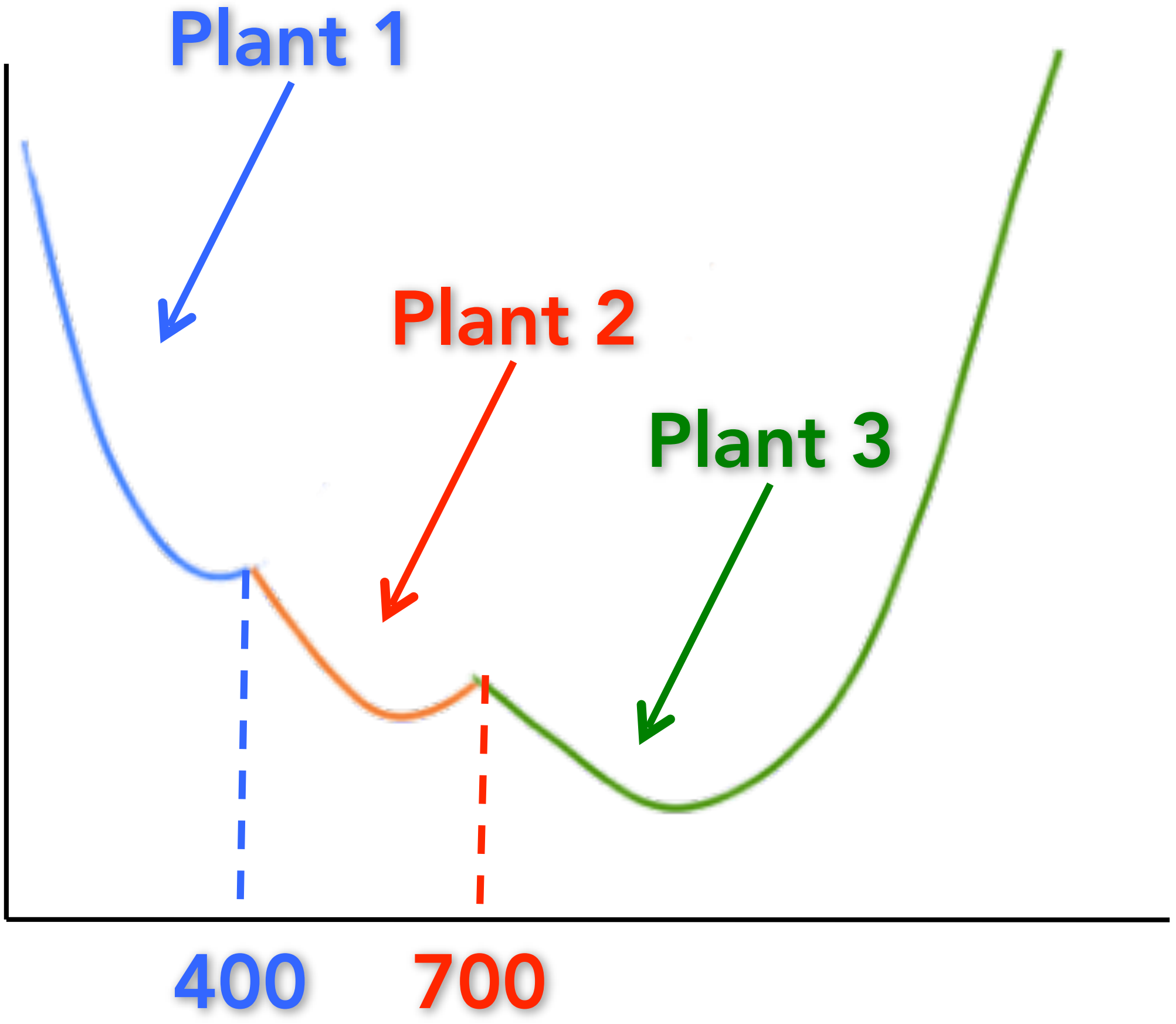
Output

700

LRATC

SRATC$_2$

$SRATC_3$


Plant 1
Plant 2
Plant 3
400
700

$SRATC_1$

400

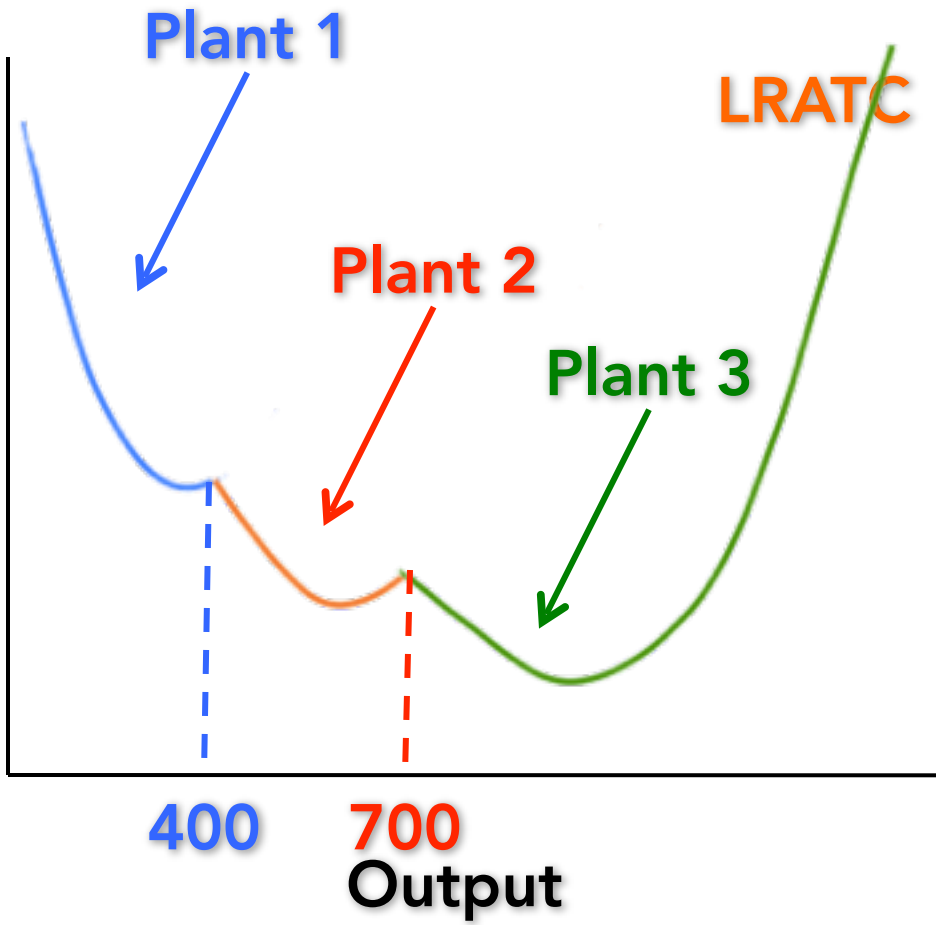
7
8
9
10

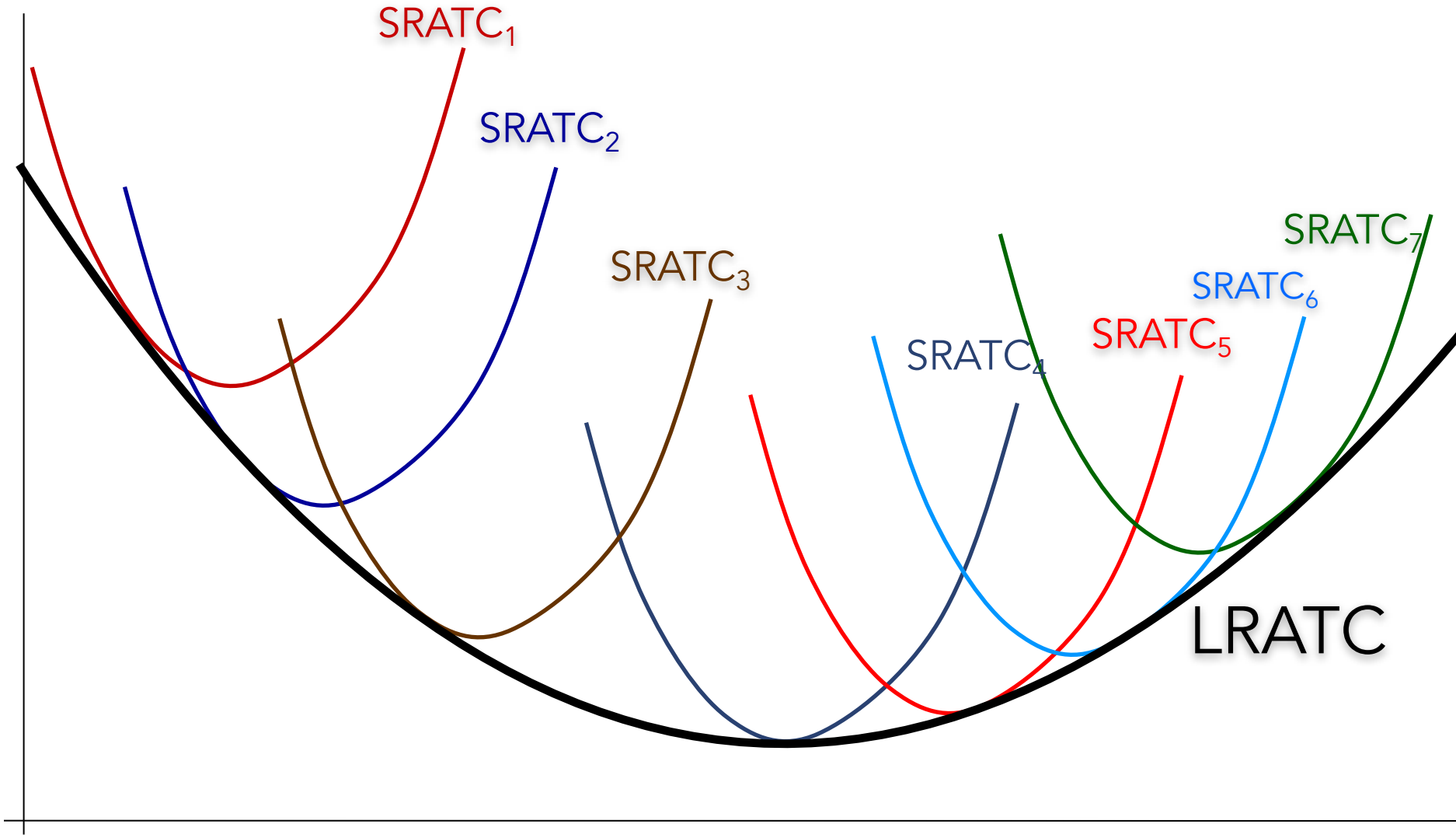
LRATC

6
5
6

Building the LRATC

Output	LRATC
100	10
200	9
300	8
400	7
500	6
600	5
700	6
800	7
900	8
1000	9
1100	10




SRATC1
SRATC2
SRATC3
SRATC4
SRATC5
SRATC6
SRATC7
LRATC