We randomly selected 35 nodes from a 49-node dataset. Specifically, we first assigned numbers from 0 to 48 for the 49 nodes and then generated random numbers within this range to select 15 facilities (renumbered 0-14). We subsequently selected 20 additional demand nodes from the remaining nodes(renumbered 0-19).

Fifteen randomly selected candidate facilities from the 49-node dataset

No.	City	ST	No.	City	ST	No.	City	ST
0	Albany	NY	5	Nashville-Davidson	TN	10	Salt Lake City	UT
1	Harrisburg	PA	6	Des Moines	IA	11	Santa Fe	NM
2	Springfield	IL	7	Jackson	MS	12	Concord	NH
3	Lansing	MI	8	Topeka	KS	13	Boise City	ID
4	Raleigh	NC	9	Charleston	WV	14	Cheyenne	WY

Twenty randomly selected demand nodes from the 49-node dataset

No.	City	ST	No.	City	ST	No.	City	ST	No.	City	ST
0	Sacramento	CA	5	Pierre	SD	10	Little Rock	AR	15	Indianapolis	IN
1	Olympia	WA	6	Jefferson City	MO	11	Augusta	ME	16	Tallahassee	FL
2	Phoenix	AZ	7	Madison	WI	12	Baton Rouge	LA	17	Trenton	NJ
3	Helena	MT	8	St. Paul	MD	13	Montgomery	AL	18	Richmond	VA
4	Denver	CO	9	Oklahoma City	OK	14	Atlanta	GA	19	Columbus	OH