WHAT IS CLAIMED IS:

1. A method for power reporting, performed by a terminal, comprising:

reporting power management-maximum power reduction (P-MPR) indication information;

wherein the P-MPR indication information is configured to indicate at least one P-MPR, or is configured to indicate at least one P-MPR and reference signal resource identification indication information corresponding to the at least one P-MPR, the at least one P-MPR indicated by the P-MPR indication information comprises a first P-MPR; and

the P-MPR indication information is configured to indicate existence indication information,

wherein the existence indication information is configured to indicate existence of reference signal resource identification indication information corresponding to a second P-MPR, and the P-MPR indication information indicates the second P-MPR and the reference signal resource identification indication information corresponding to the second P-MPR; or the existence indication information is configured to indicate non-existence of the reference signal resource identification indication information corresponding to the second P-MPR.

2. The method of claim 1, wherein the first P-MPR is greater than or equal to a maximum permissible exposure (MPE) threshold.

3. The method of claim 1, the P-MPR indication information is configured to indicate N second P-MPRs, and reference signal resource identification indication information corresponding to each of the second P-MPRs, wherein N is an integer greater than 0.

4. The method of claim 3, bit positions occupied by the N second P-MPRs and the reference signal resource identification indication information corresponding to each second P-MPR that are comprised in the P-MPR indication information, are determined based on a predetermined rule.

5. The method of claim 4, the predetermined rule is determined based on at least one of:

a value size of the second P-MPR;

a reference signal receiving power corresponding to the reference signal resource identification indication information;

a signal to interference noise ratio corresponding to the reference signal resource identification indication information;

a difference between a reference signal receiving power corresponding to the reference signal resource identification indication information and a value of the corresponding second P-MPR;

a difference between a signal to interference noise ratio corresponding to the reference signal resource identification indication information and a value of the corresponding second P-MPR;

a power headroom corresponding to the reference signal resource identification indication information;

a sum of a reference signal receiving power and a power headroom corresponding to the reference signal resource identification indication information; or

a sum of a signal to interference noise ratio and a power headroom corresponding to the reference signal resource identification indication information.

6. A method for power reporting, performed by a network device, comprising:

obtaining power management-maximum power reduction (P-MPR) indication information reported by a terminal;

wherein the P-MPR indication information is configured to indicate at least one P-MPR, or is configured to indicate at least one P-MPR and reference signal resource identification indication information corresponding to the at least one P-MPR, the at least one P-MPR indicated by the P-MPR indication information comprises a first P-MPR; and

the P-MPR indication information is configured to indicate existence indication information,

wherein the existence indication information is configured to indicate existence of reference signal resource identification indication information corresponding to a second P-MPR, and the P-MPR indication information indicates the second P-MPR and the reference signal resource identification indication information corresponding to the second

P-MPR; or the existence indication information is configured to indicate non-existence of the reference signal resource identification indication information corresponding to the second P-MPR.

7. The method of claim 6, wherein the first P-MPR is greater than or equal to a maximum permissible exposure (MPE) threshold.

8. The method of claim 6, the P-MPR indication information is configured to indicate N second P-MPRs, and reference signal resource identification indication information corresponding to each of the second P-MPRs, wherein N is an integer greater than 0.

9. The method of claim 8, bit positions occupied by the N second P-MPRs and the reference signal resource identification indication information corresponding to each second P-MPR that are comprised in the P-MPR indication information, are determined based on a predetermined rule.

10. The method of claim 9, the predetermined rule is determined based on at least one of:

a value size of the second P-MPR;

a reference signal receiving power corresponding to the reference signal resource identification indication information;

a signal to interference noise ratio corresponding to the reference signal resource identification indication information;

a difference between a reference signal receiving power corresponding to the reference signal resource identification indication information and a value of the corresponding second P-MPR;

a difference between a signal to interference noise ratio corresponding to the reference signal resource identification indication information and a value of the corresponding second P-MPR;

a power headroom corresponding to the reference signal resource identification indication information;

a sum of a reference signal receiving power and a power headroom corresponding to the reference signal resource identification indication information; or

a sum of a signal to interference noise ratio and a power headroom corresponding to the reference signal resource identification indication information.

11. A terminal, comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein the processor is configured to perform the method for power reporting of any one of claims 1 to 5.

12. A network device, comprising:

a processor; and

a memory for storing instructions executable by the processor ;

wherein the processor is configured to perform the method for power reporting of any one of claims 6 to 10.

13. A non-transitory storage medium storing instructions that, when being executed by a processor of a terminal, cause the terminal to perform the method for power reporting of any one of claims 1 to 5.

14. A non-transitory storage medium storing instructions that, when being executed by a processor of a network device, cause the network device to perform the method for power reporting of any one of claims 6 to 10.